

TECHNICAL REQUIREMENTS, CONDITIONS AND INTEGRATION SPECIFICATION FOR CASH REGISTER MANUFACTURERS AND SOFTWARE DEVELOPERS

DOCUMENT VERSION:

Document version - v1.1, Version date - 2023-06-20

VALSTYBINĖ MOKESČIŲ INSPEKCIJA

Vilnius, Vasario 16-osios g. 14

Tel. +370 5 266 8200

Faksas: +370 5 212 5604

El. paštas: vmi@vmi.lt

TABLE OF CONTENTS

1	Document version table.....	7
2	General concepts.....	8
2.1	Concepts.....	8
3	General description of the system.....	9
4	PR001 The general process of preparing cash register for operation	10
4.1	General information.....	10
4.1.1	The general process of cash register registration.....	10
4.1.2	Process description	12
4.2	SERT001 Standard procedure for ordering cryptographic certificates	13
4.2.1	General information	13
4.2.2	Certificates and instructions for creating CSR file for generating certificates	15
4.2.3	SERT002 Order an intermediate cryptographic certificate through the i.EKA web services	21
4.2.4	SERT003 Procedure for requesting cryptographic certificate via the i.EKA user interface	24
4.2.5	SERT004 A download of i.EKA cryptogram certificate public key	25
4.3	PR002 Process of cash register initial data registration (pre-registration)	28
4.3.1	General information	28
4.3.2	Process of cash register initial data registration (pre-registration)	28
4.3.3	Process description.....	28
4.3.4	PR003 Registration of cash register by using i.EKA web services	29
4.4	PR004 The registration completion of cash register with SM	32
4.4.1	General description	32
4.5	PR005 Security module certificate renewal	35
4.5.1	General description	35
4.6	PR006 Transport module certificate renewal	38
4.6.1	General description	38
4.7	PR014 Re-registration of the cash register to the new user	40
4.7.1	General description	40
5	PR007 Process of changing the status of cash register with SM.....	43
5.1	Detailed description	43
5.1.1	Process of changing the status of cash register with SM.....	43
5.1.2	Process description.....	43
5.2	Cash register registration statuses.....	44
5.3	PR008 Status change from the cash register	44
5.3.1	General description	44

5.4	PR009 Change status of cash register from the i.EKA's user interface	46
5.4.1	General description	46
5.5	PR010 Process for processing a cryptogram	48
5.5.1	General description	48
5.6	PR011 Cash register deregistration process.....	50
5.6.1	General description	50
5.6.2	PR011b Deregistered cash register process	53
5.6.3	PR011c The process of deregistration of a lost, irreparably damaged cash register.....	55
5.7	PR012 Suspension of cash register.....	57
5.7.1	General description	57
5.8	PR013 The cash register activation when cash register is suspended	60
5.8.1	General description	60
6	VFPR007 Process of changing the status of cash register with VF	63
6.1	Detailed description	63
6.1.1	Process of changing the status of cash register with VF.....	63
6.1.2	Process description	63
6.2	VFPR008 Status change from the cash register with VF	64
6.2.1	General description	64
6.3	VFPR009 Change status of cash register (with VF) from the i.EKA's user interface.....	66
6.3.1	General description	66
6.4	VFPR010 Cash register (with VF) deregistration process	67
6.4.1	General description	67
6.5	VFPR011 Suspension of cash register (with VF)	70
6.5.1	General description	70
6.6	VFPR012 The cash register (with VF) activation when cash register is suspended.....	73
6.6.1	General description	73
7	Web services for register and managing the cash registers	76
7.1	Table of contents	76
7.2	AI001. Web services of the service companies' information and cryptographic certificate management component.....	76
7.2.1	Interface specification	76
7.2.2	Security	77
7.2.3	Method GetCertificatePublicKey	77
7.2.4	Method GetServiceOrganizationData.....	77
7.2.5	Method ProvideInfoToCrossedOutEmployeeCertificate	81
7.2.6	Method GetSecurityModuleIntermediateCertificate	82
7.2.7	Method GetTransportModuleIntermediateCertificate	82

7.2.8	Method CancelSecurityModuleIntermediateCertificate	83
7.2.9	Method CancelTransportModuleIntermediateCertificate	84
7.2.10	Method GetCashRegisterModels.....	84
7.2.11	Errors	85
7.2.12	Service WSDL	87
7.2.13	Decisions/requirements changes/clarifications	105
7.3	AI002. Web services for servicing cash registers	105
7.3.1	Interface specification	105
7.3.2	Security	106
7.3.3	Method GetBusinessAddress.....	106
7.3.4	Method RegisterCashRegister	107
7.3.5	Method ReregisterCashRegister	111
7.3.6	Method UpdateCashRegister.....	114
7.3.7	Method CancelCashRegister	114
7.3.8	Method RegisterTransportModuleCertificate	115
7.3.9	Method UpdateTransportModuleCertificate	115
7.3.10	Method GetServicedCashRegisters	116
7.3.11	Method GetServicedCashRegisterInformationByRegistrationID	118
7.3.12	Method UpdateCashRegisterAddress.....	119
7.3.13	Method UpdateCashRegisterVersions	120
7.3.14	Method SubmitCashRegisterPreventionWork.....	121
7.3.15	Method GetServicedUserCashRegisters	122
7.3.16	Method GetServicedUserCashRegisterInformationByRegistrationID	123
7.3.17	Method ChangeServiceCompany	124
7.3.18	Errors	125
7.3.19	Service WSDL	135
7.3.20	Decisions/requirements changes/clarifications	179
7.4	EKA002. Web services for the management of cash register (with SM).....	179
7.4.1	Interface specification	179
7.4.2	Safety	180
7.4.3	Method RegisterSecurityModuleCertificate	180
7.4.4	Method UpdateSecurityModuleCertificate	188
7.4.5	Method UpdateSymmetricKey	189
7.4.6	Method GetSettingsCryptogram	190
7.4.7	Method ProvideSettings	191
7.4.8	Method SuspendCashRegister	191
7.4.9	Method ActivateCashRegister	192
7.4.10	Method DeregisterCashRegister	193

7.4.11	Errors	194
7.4.12	Service WSDL	202
7.4.13	Decisions/requirements changes/clarifications	222
7.5	EKA003. Web services for the management of cash register (with VF)	222
7.5.1	Interface specification	222
7.5.2	Safety	223
7.5.3	Method GetCashRegisterWithVFState	223
7.5.4	Method SuspendCashRegisterWithVF	224
7.5.5	Method ActivateCashRegisterWithVF	224
7.5.6	Method DeregisterCashRegisterWithVF	225
7.5.7	Errors	226
7.5.8	Service WSDL	229
7.5.9	Decisions/requirements changes/clarifications	237
8	General information about the data of transferred receipts	238
8.1	Calculation and encryption of checksums	238
8.1.1	Receipt checksum calculation and encryption	239
8.1.2	Calculation and encryption of fiscal day document checksums	243
8.1.3	Calculation and encryption of checksums of a non-fiscal document	247
8.2	Symmetric keys and encryption of receipts	249
8.3	Receipt data verification	250
8.3.1	General description	250
8.3.2	Examples of a printable receipt	251
8.3.3	Receipt verification details	251
8.3.4	An example of a QR protected structure for payment instruments with SM	253
8.3.5	An example of a QR protected structure for payment instruments with VF:	253
9	EKA001 (KV001, KV002) Web service to provide receipt data from cash registers (with security modules)	254
9.1	Table of Contents	254
9.1.1	Specification of interface	256
9.2	Description of integration	257
9.3	Safety	257
9.3.1	Data submission process	257
9.3.2	i.EKA file states	265
9.3.3	i.EKA document states	267
9.3.4	Typical process of use of the i.EKA web service of data	268
9.4	Technical specification	268
9.4.1	SubmitDocuments method	269

9.4.2	SubmitFiscalDay method	269
9.4.3	CheckState method	269
9.4.4	StateHistory method.....	269
9.4.5	GetDocumentsWithErrors method.....	269
9.4.6	PackageDocuments file data structure	274
9.4.7	FiscalDayDocument file data structure.....	304
9.4.8	Examples of filling in data for fiscal receipts, non-fiscal goods return and/or service refusal documents, non-fiscal receipts for payment/disbursement of other funds	304
9.4.9	Examples of completion of the data for fiscal day documents.....	308
9.4.10	Catalog of errors	309
9.5	Decisions/requirements changes/clarifications	413
10	EKA004 Virtual fiscalization web service description	414
10.1	Description of the integration.....	416
10.1.1	Document registration process	416
10.1.2	The cashregister communication scheme with the Virtual Fiscalization component	418
10.1.3	The communication and security protocol	420
10.1.4	Addresses of environments	441
10.1.5	Other non-functional requirements	441
10.1.6	Document statuses	441
10.2	Technical specification	442
10.2.1	SubmitDocument method	443
10.2.2	GetDocumentInfo method	447
10.2.3	GetFiscalDayInfo method	450
10.2.4	PackageDocument file data structure	454
10.2.5	Defects reference book	478
11	WS TLS 1.2 and 1.3 usage and algorithms	516

1 DOCUMENT VERSION TABLE

Document version	Changes
1.0	The initial version of the document
1.1	Edited numbering of chapters. Updated web services wsdl url addresses.

2 GENERAL CONCEPTS

2.1 Concepts

Concept	Description
Cash register	Payment instrument (PI).
Cash register with SM	Cash register with Security module. A cash register with a component (hardware) that performing data signing of cash register documents, cryptographic operations, as well as managing private and public keys, certificates in a secure environment. The security module can be integrated into the cash register or function as a separate component.
Fiscal day document	Daily fiscal day document (report (Z)). These are daily (shift) sums of fiscal and other data formed by the cash register.
i.EKA	Smart tax administration information systems Subsystem of smart electronic cash registers.
i.EKA cryptogram	Cryptogram. An i.EKA system generated encrypted settings for cash register security module.
Intermediate Security Modules (CA) certificate	The CA type certificate is intended for service companies to prepare the security modules of the payment instrument. Intermediate certificate on the basis of which the service company approves the safety certificates for the equipment.
Intermediate Data Module (CA) certificate	The CA type certificate is intended for service companies to prepare the data transmission (transport) modules of the payment instrument. An intermediate certificate on the basis of which the service company approves the data transfer certificates used in the payment instrument.
Security module (SM)	It is a component (hardware) of the cash register (hardware), performing data signing of cash register documents, cryptographic operations, as well as managing private and public keys, certificates in a secure environment. The security module can be integrated into the cash register or function as a separate component.
Service Company	The company responsible for the preparation and maintenance of the cash register.
Service company identification certificate	The identity certificate is for calling the i.EKA application's web services.
Virtual fiscalization (VF)	Virtual fiscalization. An electronic service for registering business operations and signing document data in the Intelligent Electronic Cash Register subsystem of the Smart Tax Administration Information System using a cash register that works directly connected to the Smart Electronic Cash Register Subsystem of the Smart Tax Administration Information System.
Virtual fiscalization cash register	Cash register with virtual fiscalization (cash register with VF). It is a cash register that works directly connected to the Smart Tax Administration Information System and uses the electronic service for signing documents.

3 GENERAL DESCRIPTION OF THE SYSTEM

The i.EKA subsystem is aimed at the e-services of smart cash registers. Implementation of services by creating new computerized operational processes, such as remote registration of cash registers and other points of sale, changing their conditions, providing data recorded by cash registers to the tax administrator, hashing the provided data (protection against alteration), processing the provided data and virtual fiscalization.

Ensuring the authenticity of information | Using a hash function to ensure the immutability of the original data. This limits the possibilities of taxpayers to correct the data of the cash register.

Sending information | Submission of data to the i.EKA database is possible by sending data directly from the cash register via web service.

Data Processing | Data hashing and sending enables the STI (VMI) to obtain a large amount of receipt data on the income of taxpayers using the i.EKA. This information is stored in the i.EKA database. STI (VMI) will receive only a part of the data captured in the receipt for each receipt accounted for by the electronic cash register and cash register fiscal day documents.

In implementing the vision of i.EKA, advanced technical and software based e-services are being implemented. Services, on the basis of which taxpayers will provide the tax administrator with encrypted, therefore protected against data alteration, information on cash transactions remotely and in real time or at a set periodicity. Currently used i.EKA should be modernized, replacing only cash registers that are no longer applicable.

The i.EKA subsystem registers and accumulates information about cash registers registered for taxpayers. Cash registers are registered for taxpayers by service companies. Registration and recording of other data can be performed using the i.EKA subsystem user interface (GUI) or web services (web service).

Service companies can only register and service the cash registers of those taxpayers who have assigned the service company as an authorized service company in the i.EKA system.

Cash register documents (fiscal receipts, fiscal day documents, etc.) are submitted to the i.EKA subsystem from cash registers using web services. Editing of documents can be done from the i.EKA subsystem user interface (GUI) or using web services.

4 PRO01 THE GENERAL PROCESS OF PREPARING CASH REGISTER FOR OPERATION

4.1 General information

This section describes the general process of cash register preparation.

In order to prepare cash register with security module, service company must have 3 certificates in i.EKA:

- Service company identification certificate;
- Intermediate security module certificate (CA);
- Intermediate transport certificate (CA).

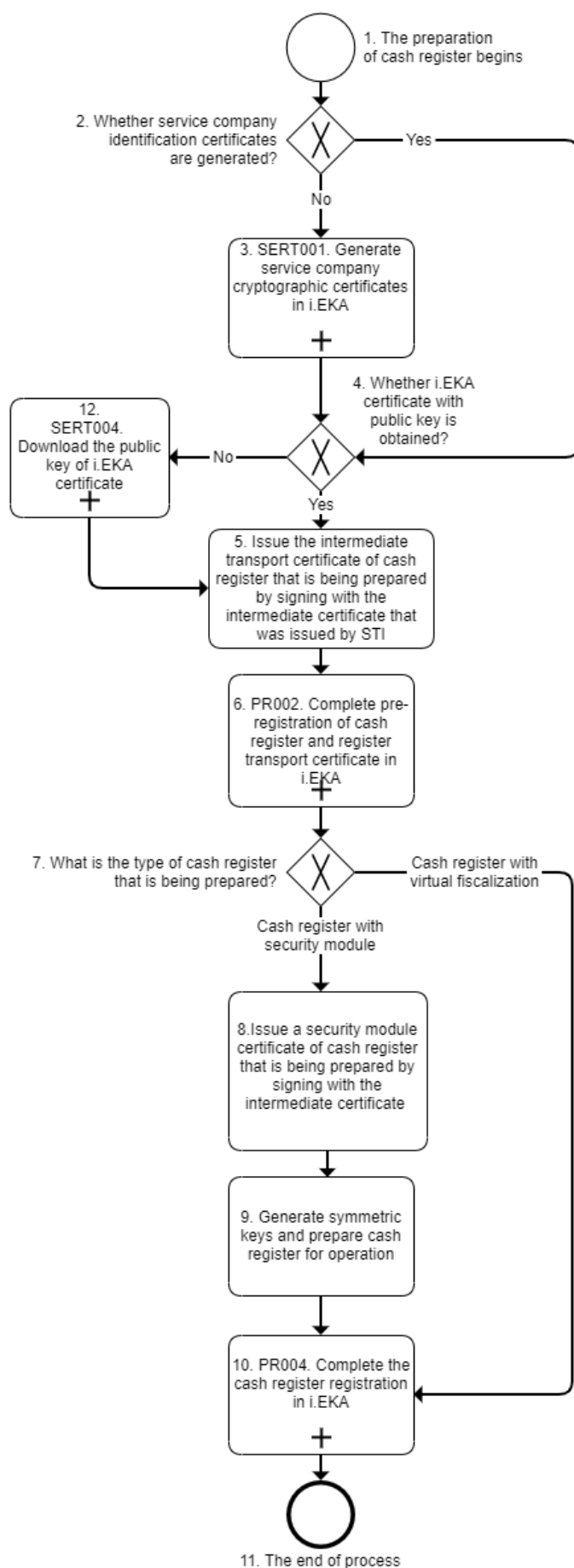
Note: certificate "Intermediate security module certificate (CA)" is not required for a cash register with virtual fiscalization.

Service company registers the initial metadata of the cash register via i.EKA user interface (GUI) or web services (API).

Registers intermediate transport certificate of the cash register via web services (API).

Cash register with a security module continues registration process and provides security module certificate with public key, symmetric keys, SM settings and fiscal day document.

4.1.1 *The general process of cash register registration*



4.1.2 Process description

Purpose		Register and prepare a cash register for work in i.EKA system.			
No.	Participant	Action	Description	Boundary events	Notes
Main workflow					
1.	Service company	The preparation of cash a register begins	Start - the preparation of a cash register begins.	-	-
2.	Service company	Whether service company identification certificates are generated?	Is the service company has certificates generated in i.EKA system? In order to prepare cash register with security module, service company must have 3 types certificates issued in i.EKA: • Service company identification certificate; • Intermediate security module certificate (CA); • Intermediate transport certificate (CA). In order to prepare cash register with virtual fiscalisation, service company must have 2 types certificates issued in i.EKA: • Service company identification certificate; • Intermediate transport certificate (CA). If yes, you must see step 4 below. If no, see step 3 below.	-	-
3.	Service company	Generate service company cryptographic certificates in i.EKA	Process SERT001 . The general process of ordering service company cryptographic certificates is executed.	-	-
4.	Service company	Whether i.EKA certificate with public key is obtained?	Verifies if the service company has a valid i.EKA system certificate with a public key. If yes, it does, see step 5. If not, see step 12.		
5.	Service company	Issue the intermediate transport certificate of cash register that is being prepared by signing with the intermediate certificate that was issued by STI	Service company issue a transport module certificate for cash register. Service company issue certificate by using this type of intermediate certificate: • Intermediate transport certificate (CA). Service company loads this information into a transport module of cash register: • i.EKA certificate with a public key; • Service company identification certificate; • Transport module certificate for cash register.	-	-
6.	Service company	Complete pre-registration of cash register and register transport certificate in i.EKA	Process PR002. Initial data of cash register registration (pre-registration) process is executed. The registration of the general data of a cash register in the i.EKA system.	-	-
7.	-	What is the type of cash register that is being prepared?	What type of cash register is being prepared? If cash register with security module, see step 8. If cash register with virtual fiscalisation, see step 11.	-	-

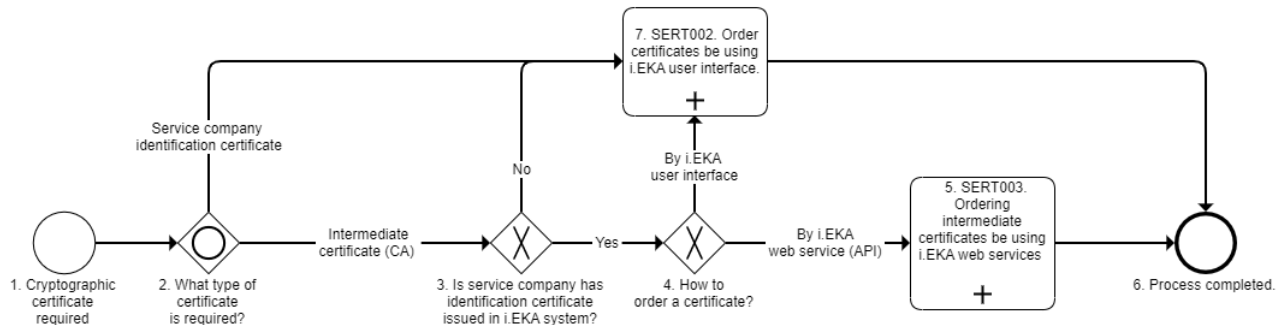
8.	Service company	Issue a security module certificate of cash register that is being prepared by signing with the intermediate certificate	Service company issue a security module certificate of cash register. Service company issue certificate by using this type of intermediate certificate: - Intermediate security module certificate (CA). In a cash register security module, the following steps are taken: - i.EKA certificate with the public key is uploaded to the security module. - Service company identification certificate is loaded into the security module. - Security module generates the security module Key and Certificate Signing Request (CSR). - Based on the generated request, service company issues and uploads certificate to the security module by using this type of intermediate certificate: - Intermediate security module certificate (CA).	-	-
9.	Service company	Generate symmetric keys and prepare cash register for operation	Generates symmetric keys for AES encryption of receipts. Encryption keys are 128 bits long. The keys are made up of random characters which are used to form a string of characters of the required length. Two symmetric keys are required to encrypt documents: - fiscal receipts; - pre-order documents. To set up the Virtual fiscal app for use.	-	-
10.	Cash register	Complete the cash register registration in i.EKA	Process PR004 . The cash register registration process is executed. The cash register registration is completed by registering into i.EKA system this data: - security module certificate with public key; - symmetric keys; - security module settings; - first fiscalDay document.	-	-
11.	-	The end of process	Process completion – registration of the cash register is completed.	-	-
i.EKA certificates with public keys is required					
Need to obtain public key of i.EKA certificate		Step No 4.			
12.	Cash register	Download the public key of i.EKA certificate	Download the i.EKA certificate with the public key. Process SERT004 . The download of i.EKA certificates with public keys is executed. Continue and see step no. 5.	-	-

4.2 SERT001 Standard procedure for ordering cryptographic certificates

4.2.1 General information

This section describes the generic process for ordering cryptographic certificates in i.EKA system.

4.2.1.1 The standard procedure for ordering cryptographic certificates for service companies



4.2.1.2 Process description

Purpose		Order cryptographic certificates for service companies.			
No.	Subject	Action	Description	Boundary events	Notes
The ordinary course					
1.	Service company	Cryptographic certificate required	The payment service provider's cryptographic certificate is required.	-	-
2.	Service company	What type of certificate is required?	If service company identification certificate is required, see step 6. If intermediate certificate (CA) is required, see step 3.	-	-
3.	Service company	Is service company has identification certificate issued in i.EKA system?	Is service company has identification certificate issued in i.EKA system? If yes, see step 4. If not, see step 7. In other words, the service company cannot use the i.EKA web services until he has the Identification certificate.		
4.	Service company	How to order a certificate?	Service company can order intermediate certificates by using: • i.EKA system user interface (GUI); • i.EKA web services (API). If service company order the certificate by using user interface , see step 7. If service company order the certificate by web service (API) , see step 5.	-	-
Order via i.EKA web services					
Ordering certificate via i.EKA web services		Step No. 4			
5.	Service company	Ordering intermediate certificates be using i.EKA web services	Processing of Intermediate certificate order using i.EKA Web Services. See process: SERT002 .	-	-
6.	-	Process completed	Process completed.	-	-
Order via i.EKA user interface					
Order via i.EKA user interface		Step No. 4			
7.	Service company	Order certificates be using i.EKA user interface.	Processing of Certificate prdrer using i.EKA user interface. See process: SERT003 . See step 6.	-	-

4.2.2 Certificates and instructions for creating CSR file for generating certificates

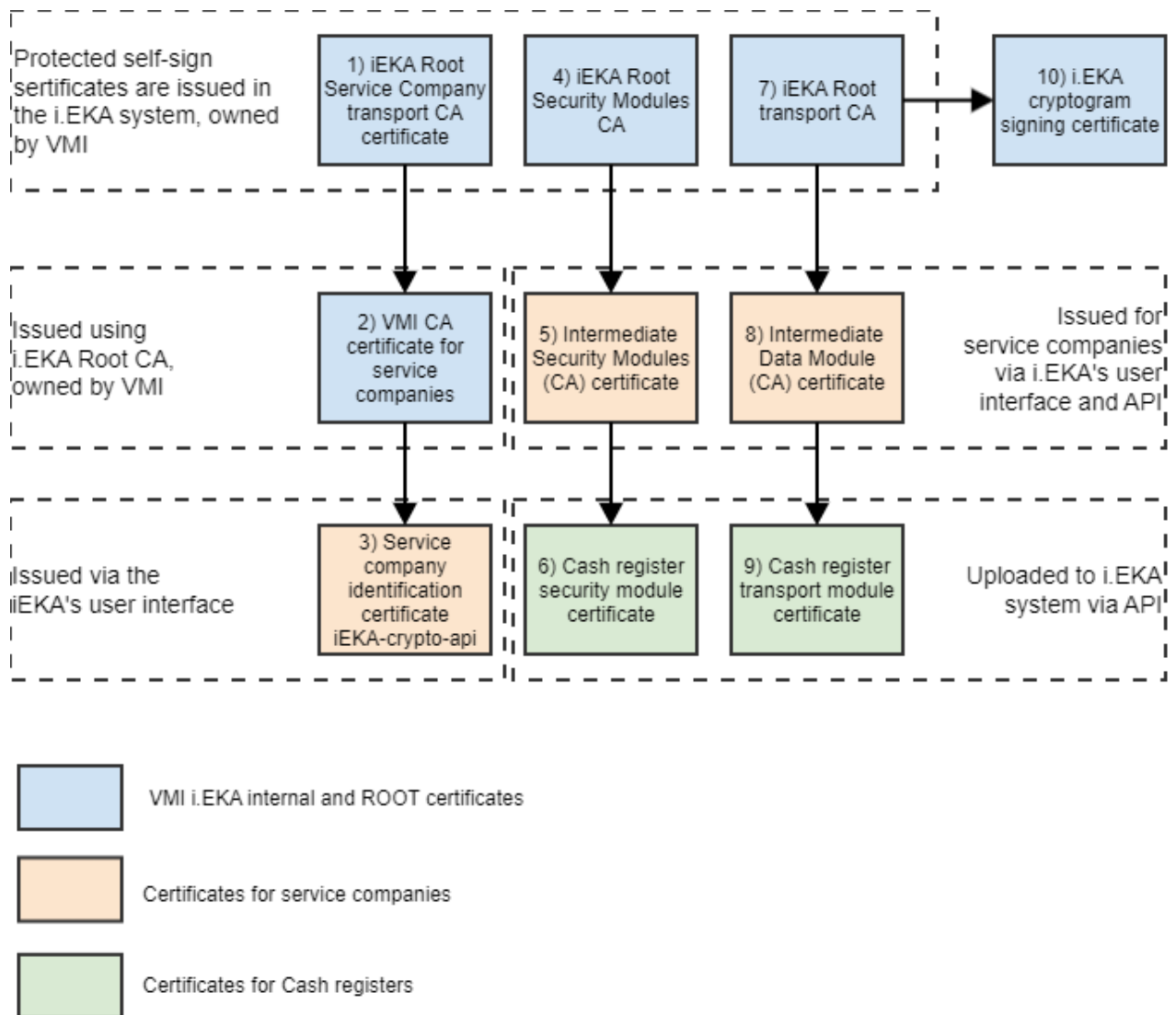
4.2.2.1 Certificates

The i.EKA system allows payment service providers to generate VMI-signed cryptographic certificates of three types.

The i.EKA system will not issue certificates for the virtual fiscal apps' security and data communication modules. payment service providers must issue and sign certificates for virtual fiscal app by signing Interim CA type certificates issued by the VMI.

Type of certificate	Use	Can be generated via i.EKA user interface	Can be generated via the i.EKA web service
Service company identification certificate	The identity certificate is for calling the application's web services.	Yes	No
Intermediate Security Modules (CA) certificate	The CA type certificate is intended for service companies to prepare the security modules of the payment instrument. Intermediate certificate on the basis of which the service company approves the safety certificates for the equipment.	Yes	Yes
Intermediate Data Module (CA) certificate	The CA type certificate is intended for service companies to prepare the data transmission (transport) modules of the payment instrument. An intermediate certificate on the basis of which the service company approves the data transfer certificates used in the payment instrument.	Yes	Yes

4.2.2.2 Types of issued certificates



Certificate	Type	Validity of the certificate	User	Issued by	Notes
iEKA Root Service Company transport CA certificate	ROOT	until 19 January 2038	VMI	VMI	The Root Certificate is intended to be issued to Certificate Authorities in order for them to provide certificate handling functionality via APIs.
VMI CA certificate for service companies	CA	5 years (administered by i.EKA system administrators)	VMI	VMI	The VMI CA type certificate is intended for the creation of certificates for payment service providers to be used in configuring security and data transfer modules.
Service company identification certificate iEKA-crypto-api	Identity - Transport	2 years (term to be administered by the i.EKA system administrators)	Payment service provider	VMI	The i.EKA Application Web Services (API) call requires the service company identification certificate.
iEKA Root Security Modules CA	ROOT	until 19 January 2038	VMI	VMI	The Root Type Certificate is intended for issuing CA Type Certificates to payment service providers for the Security Module setup.

Certificate	Type	Validity of the certificate	User	Issued by	Notes
Intermediate Security Modules (CA) certificate	CA	5 years (term to be administered by the i.EKA system administrators)	Payment service provider	VMI	The CA type certificate is intended for service companies to prepare the security modules of the payment instrument. Intermediate certificate on the basis of which the service company approves the safety certificates for the equipment.
Cash register security module certificate	SIGN - Signature	2 years	Cash register	Service company	Certificate issued by service company. Certificate used for signing fiscal data in the security module, the public part of which is transmitted by the cash register to the i.EKA system.
iEKA Root transport CA	ROOT	until 19 January 2038	VMI	VMI	The Root type certificate is designed to issue CA-type certificates to service providers for the installation of a data communication (transport) module.
Intermediate Data Module (CA) certificate	CA	5 years (term to be administered by the i.EKA system administrators)	Payment service provider	VMI	The CA type certificate is intended for service companies to prepare the data transmission (transport) modules of the payment instrument. An intermediate certificate on the basis of which the service company approves the data transfer certificates used in the payment instrument.
Cash register transport module certificate	Identity - Transport	2 years	Cash register	Service company	Certificate issued by service company. Certificate used to transfer fiscal data from the cash register to the i.EKA system.
i.EKA cryptogram signing certificate	SIGN - Signature	5 years	VMI Payment service provider	VMI	Before being transmitted to the security module, the cryptograms generated by VMI i.EKA are signed using the private key of this certificate, and the public key of this certificate is used to decrypt the cryptogram in the security module.

4.2.2.3 Instructions for generating CSR file

To generate a certificate in the i.EKA system, you must first prepare a CSR (Certificate Signing Request) file by your own means.

The CSR file must meet the following requirements:

- syntax: PKCS#10
- type: RSA
- key length: 2048 bit
- hash function: SHA256

Below is a detailed instruction on how to prepare a CSR file.

CSR generation with OpenSSL (OpenSSL for Windows can be installed or if using Windows 10 operating system - install Windows subsystem for Linux and run Bash).

https://msdn.microsoft.com/en-us/commandline/wsl/install_guide

1. Create a private key:

```
openssl genpkey -out rsakey.pem -algorithm RSA -pkeyopt rsa_keygen_bits:2048
```

2. Generate a CSR file (angl. *Certificate Signing Request*):

```
openssl req -new -sha256 -key rsakey.pem -subj  
"/C=LT/ST=Vilnius/L=Vilnius/O=APTARNAVIMO IMONES PAVADINIMAS/CN=APTARNAVIMO IMONES  
PAVADINIMAS TEST CERT" -out cert.csr
```

3. You can use the received CSR file to order a new certificate.

4.2.2.4 Service company identification certificate generation instruction

1. Prepare the private key and CSR (*Certificate Signing Request*) file with your own tools. For details, see section "Instructions for generating CSR file". For example are created: **rsakey.pem** and **cert.csr** . I.e. use the commands:

```
openssl genpkey -out rsakey.pem -algorithm RSA -pkeyopt rsa_keygen_bits:2048  
openssl req -new -sha256 -key rsakey.pem -subj  
"/C=LT/ST=Vilnius/L=Vilnius/O=APTARNAVIMO IMONES PAVADINIMAS/CN=APTARNAVIMO  
IMONES PAVADINIMAS TEST IDENT CERT" -out cert.csr
```

2. Log in to the i.EKA system and select the menu item "Cryptographic certificates";
3. Press button „Order a certificate“;
4. Fill this information:
 - a. Certificate type – **Service company identification**;
 - b. CSR file – attach in point 1) created CSR file;
 - c. Press button „Generate certificate“.
5. Returned into the list „**Service company identification certificate**“ choose to download the latest certificate by selecting the "Download" action button in the table.
6. Convert the certificates (**identification_certificate.crt** and **identification_certificate_CA.crt**) in the downloaded archive to PEM format. To convert, use the command:

```
openssl x509 -inform der -in identification_certificate.crt >  
identification_certificate.pem  
openssl x509 -inform der -in identification_certificate_CA.crt >  
identification_certificate_CA.pem
```

7. Create a PFX file. This is the certificate chain keystore used to establish SSL. It is required to access the services wsdI both through the Internet browser and through SOAPUI. To create, use the command:

```
openssl pkcs12 -export -out identification_certificate.pfx -inkey rsakey.pem -in  
identification_certificate.pem -certfile identification_certificate_CA.pem
```

identification_certificate.pfx the service company uses when calling methods from these services:

- AI001 – Web services of the service companies' information and cryptographic certificate management component
- AI002 – AI002 Web services for servicing cash registers

4.2.2.5 Transport module certificate generation instruction

1. Prepare the private key and CSR (Certificate Signing Request) file with your own tools. For details, see section "Instructions for generating CSR file". For example create: **intermediate_transport_certificate_key.pem** and **intermediate_transport_certificate.csr** . I.e. use the commands:

```
openssl genpkey -out intermediate_transport_certificate_key.pem -algorithm RSA -
pkeyopt rsa_keygen_bits:2048
openssl req -new -sha256 -key intermediate_transport_certificate_key.pem -subj
"/C=LT/ST=Vilnius/L=Vilnius/O=APTARNAVIMO IMONES PAVADINIMAS/CN=APTARNAVIMO
IMONES PAVADINIMAS TEST TRANSPORT CERT" -out
intermediate_transport_certificate.csr
```

2. Log in to the i.EKA system and select the menu item "Cryptographic certificates";
3. Select the "Order certificate" button;
4. Fill this information:
 - a. Certificate type – **Intermediate Data Module (CA)**;
 - b. CSR file – attach in point 1) created CSR file;
 - c. Press button „Generate certificate“.
5. Back in the list of cryptographic certificates "**Intermediate Data module (CA) certificate**" choose to download the latest certificate by selecting the "Download" action button in the table.
6. Convert the certificate (intermediate_transport_certificate.crt) to PEM format. To convert, use the command:

```
openssl x509 -inform der -in intermediate_transport_certificate.crt >
intermediate_transport_certificate.pem
```

With this intermediate data reporting certificate, you can issue an unlimited number of Level 3 certificates for cash registers. I.e. every time you prepare a new cash register, you do not need to prepare a new intermediate data module certificate.

7. Prepare a new private key and CSR (Certificate Signing Request) file using your own tools. This key and CSR are for the preparation of the certificate for the cash register data reporting module. For details, see section "Instructions for generating CSR file". For example **cash_register_transport_certificate_key.pem** and **cash_register_transport_certificate.csr** are created. I.e. use the commands:

```
openssl genpkey -out cash_register_transport_certificate_key.pem -algorithm RSA -
pkeyopt rsa_keygen_bits:2048
openssl req -new -sha256 -key cash_register_transport_certificate_key.pem -subj
"/C=LT/ST=Vilnius/L=Vilnius/O=APTARNAVIMO IMONES PAVADINIMAS/CN=CR-000000105
TRANSPORT CERT" -out cash_register_transport_certificate.csr
```

8. Create a certificate-config.ext file, that should contain:

```
basicConstraints = critical, CA:FALSE
keyUsage = critical, digitalSignature
subjectKeyIdentifier = hash
```

9. Create a Level 3 certificate for the cash register data transport module. Sign the certificate with the certificate obtained in point 6). Use command to create:

```
openssl x509 -req -in cash_register_transport_certificate.csr -CA
intermediate_transport_certificate.pem -CAkey
intermediate_transport_certificate_key.pem -CAcreateserial -out
cash_register_transport_certificate.crt -days 730 -sha256 -extfile
certificate-config.ext
```

Note: The uniqueness of the serial number of the certificate must be ensured. i.EKA validates that certificates with duplicate serial numbers are not registered in the context of all service companies.

10. Register the cash register data transport certificate (cash_register_transport_certificate.crt) in the i.EKA system using AI002 web service method „*RegisterTransportModuleCertificate*“.
11. Create a PFX file. This is the certificate chain keystore used to establish SSL. It is required to access the services wsd1 both through the Internet browser and through SOAPUI. To create a PFX, use the command:

```
openssl pkcs12 -export -out cash_register_transport_certificate.pfx -inkey
cash_register_transport_certificate_key.pem -in
cash_register_transport_certificate.crt -certfile
intermediate_transport_certificate.pem
```

cash_register_transport_certificate.pfx – the cash register uses when calling methods from these services:

- - EKA001 – Web service to provide receipt data from cash registers (with security modules)
 - EKA002 – Web services for the management of cash register (with SM)
 - EKA003 – Web services for the management of cash register (with VF)
 - EKA004 – Virtual fiscalization web service description

4.2.2.6 AP Security Module Certificate Generation Instruction

1. Prepare the private key and CSR (Certificate Signing Request) file with your own tools. For details, see section "Instructions for generating CSR file". For example create: **intermediate_security_module_certificate_key.pem** and **intermediate_security_module_certificate.csr** . I.e. use the commands:

```
openssl genpkey -out intermediate_security_module_certificate_key.pem -algorithm
RSA -pkeyopt rsa_keygen_bits:2048
openssl req -new -sha256 -key intermediate_security_module_certificate_key.pem -
subj "/C=LT/ST=Vilnius/L=Vilnius/O=APTARNAVIMO IMONES
PAVADINIMAS/CN=APTARNAVIMO IMONES PAVADINIMAS TEST SM CERT" -out
intermediate_security_module_certificate.csr
```

2. Log in to the i.EKA system and select the menu item "Cryptographic certificates";
3. Select the "Order certificate" button;
4. Fill this information:
 - a. Certificate type – **Intermediate Security Module (CA)**;
 - b. CSR file – attach in point 1) created CSR file;
 - c. Press button „Generate certificate“.
5. Back in the list of cryptographic certificates "**Intermediate Security module (CA) certificate**" choose to download the latest certificate by selecting the "Download" action button in the table.
- 6.

Convert the certificate (intermediate_security_module_certificate.crt) to PEM format. To convert, use the command:

```
openssl x509 -inform der -in intermediate_security_module_certificate.crt >
intermediate_security_module_certificate.pem
```

With this intermediate security module certificate, you can issue an unlimited number of Level 3 certificates for cash registers. I.e. there is no need to prepare a new intermediate security module certificate every time you prepare a new cash register.

7. Prepare a new private key and CSR (Certificate Signing Request) file using SM tools. This key and CSR are intended for the preparation of the SM certificate of the cash register. For details, see section "Instructions for generating CSR file". For example create **cash_register_security_module_certificate_key.pem** and **cash_register_security_module_certificate.csr** I.e. use the commands:

8.

```
openssl genpkey -out cash_register_security_module_certificate_key.pem -algorithm
RSA -pkeyopt rsa_keygen_bits:2048
openssl req -new -sha256 -key cash_register_security_module_certificate_key.pem -
subj "/C=LT/ST=Vilnius/L=Vilnius/O=APTARNAVIMO IMONES PAVADINIMAS/CN=SM-
000000020 SM CERT" -out cash_register_security_module_certificate.csr
```

9. Create a certificate-config.ext file that should contain:

```
basicConstraints = critical, CA:FALSE
keyUsage = critical, digitalSignature
subjectKeyIdentifier = hash
```

10. Create a Level 3 certificate for the cash register security module. Sign the certificate with the certificate obtained in point 6). To create, use the command:

```
openssl x509 -req -in cash_register_security_module_certificate.csr -CA
intermediate_security_module_certificate.pem -CAkey
intermediate_security_module_certificate_key.pem -CAcreateserial -out
cash_register_security_module_certificate.crt -days 730 -sha256 -extfile
certificate-config.ext
```

Note: The uniqueness of the serial number of the certificate must be ensured. i.EKA validates that certificates with duplicate serial numbers are not registered in the context of all service companies.

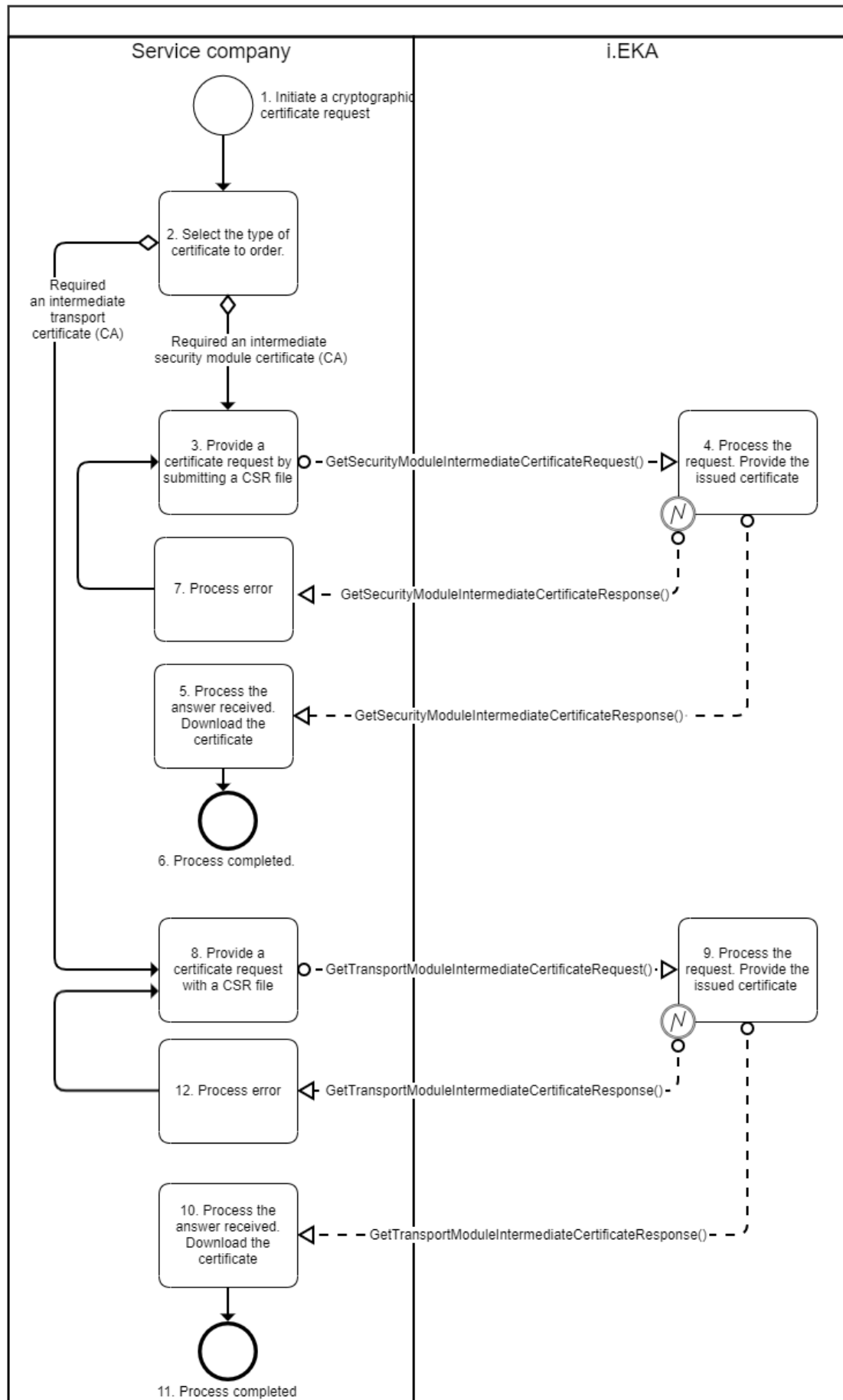
11. Register the security module certificate (cash_register_security_module_certificate.crt) with the cash register in the i.EKA system using the EKA002 service method "RegisterSecurityModuleCertificate". This certificate is used by the cash register security module to sign receipts.

4.2.3 SERT002 Order an intermediate cryptographic certificate through the i.EKA web services

4.2.3.1 General information

This section describes how to use the i.EKA web services to order intermediate cryptographic certificates. Service company can only use i.EKA web services if has i.EKA issued service company identification certificate.

4.2.3.1.1 Order intermediate cryptographic certificate via i.EKA web services



4.2.3.1.2 Process description

Purpose		Order intermediate cryptographic certificate via i.EKA web services			
Prerequisites		Service company has valid service company identification certificate issued by i.EKA.			
N o.	Subject	Action	Description	Boundary events	Notes
Main workflow					
1.	Service company	Initiate a cryptographic certificate request	Initiate a cryptographic certificate request. Continues the process from SERT001 .	-	-
2.	Service company	Select certificate type	What type of certificate is required? If required an intermediate security module certificate (CA) , see step 3. If required an intermediate transport certificate (CA), see step 8.	-	-
Intermediate security module certificate (CA) is required					
Intermediate security module certificate (CA) is required		Step No. 2.			
3.	Service company	Provide a certificate request by submitting a CSR file	Provides a certificate request with a CSR file. Request: <i>GetSecurityModuleIntermediateCertificateRequest</i> .	-	-
4.	i.EKA system	Process the request. Provide the issued certificate	Processes the request received. If there are no errors, issues a certificate. Provides a response to the request: <i>GetSecurityModuleIntermediateCertificateResponse</i> .	If error accrued, with the response <i>GetSecurityModuleIntermediateCertificateResponse</i> error is provided. See step 7.	-
5.	Service company	Process the answer received. Download the certificate	Process the answer received. Download the certificate.	-	-
6.	-	Process completed	Process completed. The certificate has been saved in i.EKA and the link to the service company has been saved.		
Error					
7.	Service company	Process error	Process received error. See step 4.		
Intermediate transport module certificate (CA) is required					
Intermediate transport module certificate (CA) is required		Step No. 2.			
8.	Service company	Provide a certificate request	Provides a certificate request with a CSR file.	-	-

		with a CSR file	Request: <i>GetTransportModuleIntermediateCertificateRequest</i> .		
9.	i.EKA system	Process the request. Provide the issued certificate	Processes the request received. If there are no errors, issues a certificate. Provides a response to the request: <i>GetTransportModuleIntermediateCertificateResponse</i> .	If error accrued, with the response <i>GetTransportModuleIntermediateCertificateResponse</i> error is provided. See step 12.	-
10.	Service company	Process the answer received. Download the certificate	Process the answer received. Download the certificate.	-	-
11.	-	Process completed	Process completed.	-	-
Error					
12.	Service company	Process error	Process received error. See step 8.	-	-

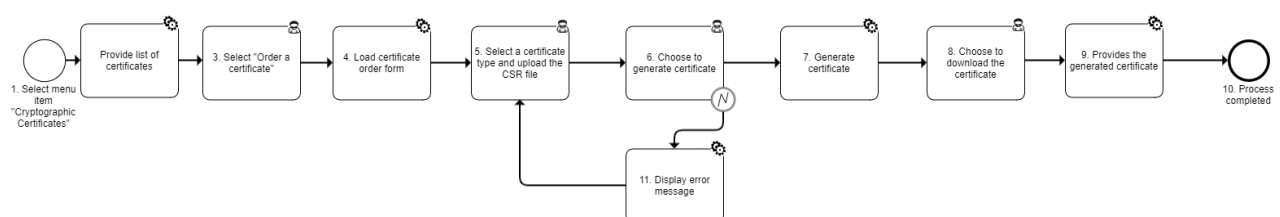
4.2.4 SERT003 Procedure for requesting cryptographic certificate via the i.EKA user interface

4.2.4.1 General description

This section describes the process of generating certificates for service companies. The following types of certificates can be requested via the i.EKA user interface:

- Service company identification certificate;
- Intermediate security module certificate (CA);
- Intermediate transport certificate (CA).

4.2.4.1.1 The process of requesting a cryptographic certificate via the i.EKA user interface



4.2.4.1.2 Process description

Purpose		Receive a cryptographic certificate that has been generated.			
Prerequisites		The user is logged in to the i.EKA system as service company representative.			
Nr.	Subject	Action	Description	Boundary events	Notes
The standard course					
1.	Service company representative	Select menu item "Cryptographic certificates"	Select the menu item "Cryptographic certificates". The process continues from SERT001.	-	-

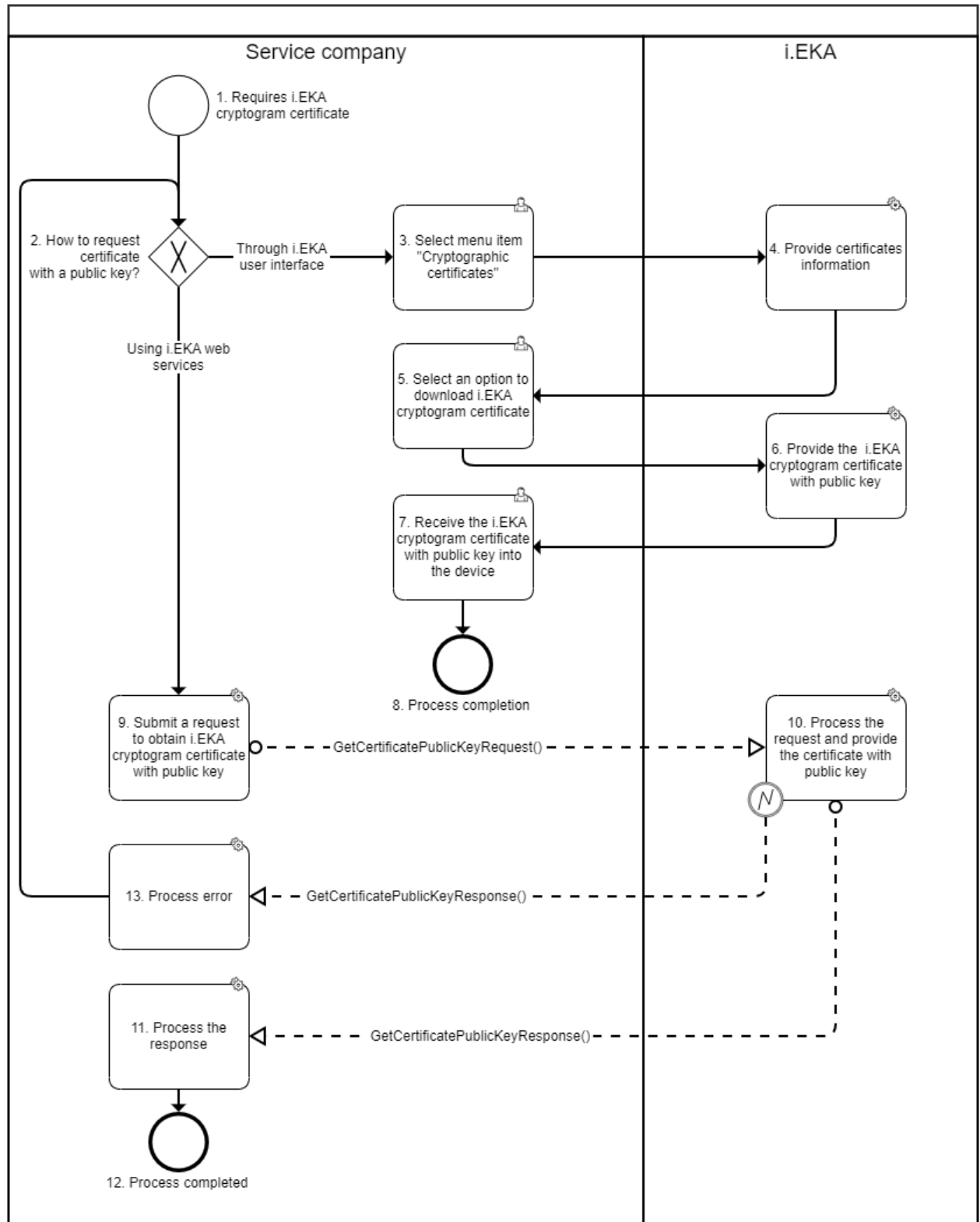
2.	i.EKA system	Provide a list of certificates	Provides a list of certificates. The list shows already issued certificates to the service company. If the service company does not have any certificates already issued in i.EKA, the lists will be blank.	-	This list allows a user to perform the following actions with certificates: • Download • Cancel Certificates that have been cancelled can no longer be used. Issued and registered certificates that were signed by a cancelled certificate before cancellation remain valid.
3.	Service company representative	Select "Order a certificate"	Submit the button "Order a certificate"	-	-
4.	i.EKA system	Load certificate order form	Load certificate order form.	-	-
5.	Service company representative	Select the certificate type and upload the CSR file	Selects required type of certificate and uploads the CSR file generated in accordance with the requirements set out in the section "Instructions for generating a CSR file for generating certificates". Available certificate types: • Service company identification certificate • Intermediate security module certificate (CA) • Intermediate transport certificate (CA).	-	-
6.	Service company representative	Choose to generate the certificate	Press the button "Generate certificate".	If an error has occurred, see step 11.	-
7.	i.EKA system	Generate certificate	Generates a certificate of the specified type.	-	The user can re-download the certificate from the list of certificates generated for the user by selecting the "Download" button.
8.	Service company representative	Choose to download the certificate	Choose to download the certificate. In the list of certificates press the button "Download".	-	-
9.	i.EKA system	Provides the generated certificate	Returns certificate which is CRT format. The certificate is downloaded to the user's device.	-	-
10.	i.EKA system	Process completion	Process completion – Certificate has been generated. i.The EKA saves the Type of Certificate associated with the user.	-	-
An error					
An error		Step No. 6			
11.	i.EKA system	Display an error message	Display an error message. See step 5.	-	-

4.2.5 SERT004 A download of i.EKA cryptogram certificate public key

4.2.5.1 General description

This section describes the process of downloading i.EKA cryptogram certificate with a public key from the i.EKA system.

4.2.5.1.1 The download of i.EKA cryptogram certificate with public key procedure



4.2.5.1.2 Process description

Purpose		Obtain the i.EKA cryptogram certificate with public key.			
No.	Subject	Action	Description	Boundary events	Notes
Įprastinė eiga					
1.	Service company representative	Requires i.EKA cryptogram certificate.	Requires i.EKA cryptogram certificate with public key.	-	-
2.	Service company representative	How to request the certificate with a public key.	If choose to get the certificate through i.EKA user interface, see step 3. If choose to get the certificate by using i.EKA web services, see step 9.	-	-
Using i.EKA user interface to get i.EKA cryptogram certificate with public key					
Using the i.EKA user interface to get i.EKA cryptogram certificate with public key		Step No. 2			
Prerequisites		The user is logged in to the i.EKA system and represents service company.			
3.	Service company representative	Select menu item "Cryptographic Certificates"	Selects menu item "Cryptographic certificates".	-	-
4.	i.EKA system	Provide certificate information	Provides certificates information. Displays the function for downloading the i.EKA cryptogram certificate.	-	-
5.	Service company representative	Select an option to download i.EKA cryptogram certificate	Choose to download the i.EKA cryptogram certificate.	-	-
6.	i.EKA system	Provide the i.EKA cryptogram certificate with public key	Provides the i.EKA cryptogram certificate with public key into user device.	-	-
7.	Service company representative	Receive the i.EKA cryptogram certificate with public key into the device	Receives the i.EKA cryptogram certificate with public key into the device	-	-
8.	Service company representative	Process completed	Process completed.	-	-
Obtaining certificate with public key using i.EKA web services					
Obtaining certificate with public key using i.EKA web services		Step No. 2			
9.	Service company system	Submit a request to obtain the i.EKA cryptogram certificate with public key	Requests for i.EKA cryptogram certificate with public key by submitting a web service method request: <i>GetCertificatePublicKeyRequest</i> .	-	-
10.	i.EKA system	Process the request and provide the certificate with public key	Process the request and provides i.EKA cryptogram certificate with public key. Provides a response to the request: <i>GetCertificatePublicKeyResponse</i> .	If error accrued, with the response <i>GetCertificatePublicKeyResponse</i> error is provided. See step 13.	-

11.	Service company system	Process the response	Processes the response. Stores i.EKA cryptogram certificate with the public key.	-	-
12.	Service company	Process completed.	Process completion	-	-
Error					
Error	Step no 10.				
13.	Service company	Process error	Process error. See step no 2.	-	-

4.3 PR002 Process of cash register initial data registration (pre-registration)

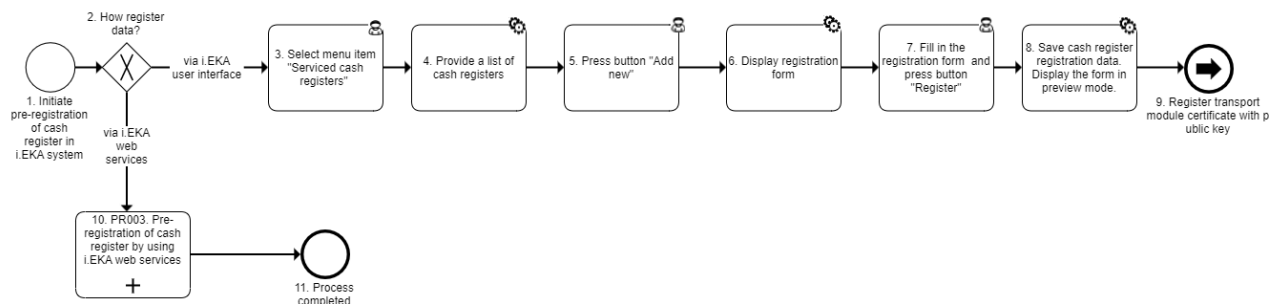
4.3.1 General information

This section describes the initial data registration (pre-registration) process of the cash register.

Pre-registration can be performed:

- via i.EKA user interface, by signing in as service company representative;
- via web services provided by i.EKA system.

4.3.2 Process of cash register initial data registration (pre-registration)



4.3.3 Process description

Purpose		Provide the initial data of the cash register to the i.EKA system.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	Service company representative	Initiate pre-registration of cash register in i.EKA system	Initiate pre-registration of cash register in i.EKA system	-	-
2.	Service company	How register data?	How register cash register registration data? If register via i.EKA user interface, see no 3. If register via i.EKA web services, see no 10.	-	-
Registration through i.EKA user interface					
Prerequisites: The user is logged in to the i.EKA system as service company representative.					
3.	Service company representative	Select menu item "Serviced cash registers"	Selects menu item "Serviced cash registers".	-	-
4.	i.EKA system	Provide a list of cash registers	Provides a list of serviced cash registers.	-	-
5.	Service company representative	Press button "Add new"	Press button "Add new".	-	-
6.	i.EKA system	Display registration form	Displays registration form.	-	-

7.	Service company representative	Fill in the registration form and press button "Register"	Fills in the registration form and press button "Register".	-	-
8.	i.EKA system	Save cash register registration data. Display the form in preview mode.	Saves cash register registration data. Displays the form in preview mode.	-	-
9.	i.EKA system	Register transport module certificate with public key	End of the process, continue with process PR003 from step 9. Register transport module certificate with public key via web services.	-	-
Registration through i.EKA web services					
10.	i.EKA system	PR003. Pre-registration of cash register by using i.EKA web services	See process PR003. Registration of cash register by using i.EKA web services.	-	-
11.	i.EKA system	Process completed	Process completed.	-	-

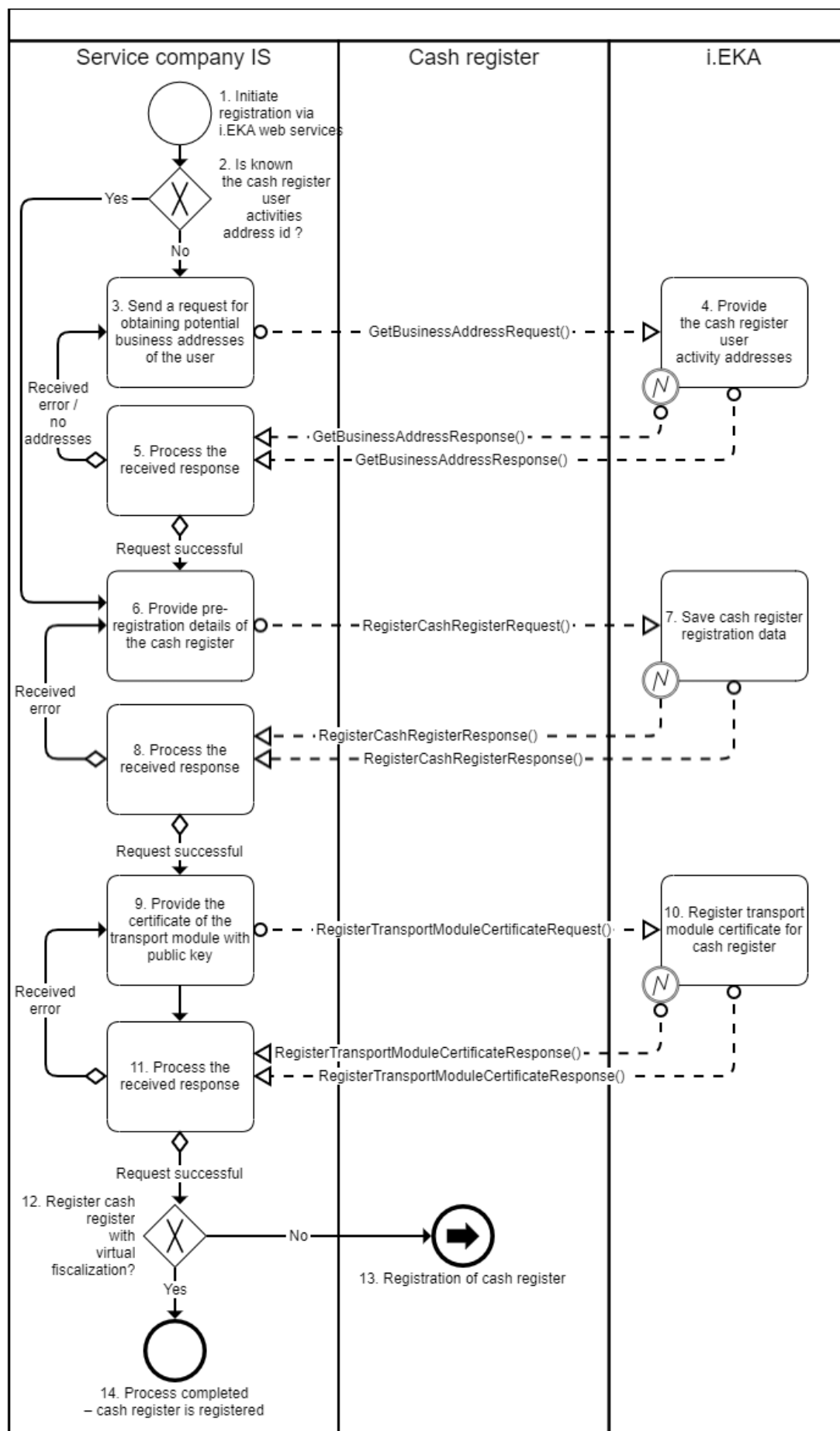
4.3.4 PR003 Registration of cash register by using i.EKA web services

4.3.4.1 General information

This section describes cash register registration process, when cash register registration is initiate via i.EKA web services.

If cash register with SM is registered, the registration continues with process **PR004**.

4.3.4.1.1 Registration of cash register by using i.EKA web services



4.3.4.1.2 Process description

Purpose	Register cash register via i.EKA web services.				
Prerequisites	A service company that registers the cash register has issued: - i.EKA issued service company identification certificate; - i.EKA issued intermediate transport certificate (CA).				
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	Service company IS	Initiate registration via i.EKA web services	Initiates registration via i.EKA web services	-	-
2.	Service company IS	Is known the cash registers activities address id?	Service company already know the cash register users activity address id? If yes , it does, see step 6 below. If no , see step 3 below.	-	-
3.	Service company IS	Send a request for obtaining potential business addresses of the user	Sends a request for obtaining potential business addresses of the user. Requests by submitting a web service method request: <i>GetBusinessAddressRequest</i> .	-	-
4.	i.EKA system	Provide the cash register user activity addresses	If the request is successfully processed, i.EKA provides users business addresses. Provides a web service method response: <i>GetBusinessAddressResponse</i> .	If error accrued, with the response <i>GetBusinessAddressResponse</i> error is provided. See step 5.	-
5.	Service company IS	Process the received response	Processes the response <i>GetBusinessAddressResponse</i> . If received error / no addresses for a user, see step 3. If request is successful, see step 6.	-	-
6.	Service company IS	Provide pre-registration details of the cash register	Provide pre-registration details of the cash register. Provides a web service method request: <i>RegisterCashRegisterRequest</i> .	-	-
7.	i.EKA system	Save cash register registration data	If the request is successfully processed, saves cash register registration data. Provides a web service method response: <i>RegisterCashRegisterResponse</i> .	If error accrued, with the response <i>RegisterCashRegisterResponse</i> error is provided. See step 8.	-
8.	Service company IS	Process the received response	Processes the response <i>RegisterCashRegisterResponse</i> . If received error, see step 6. If request is successful, see step 9.	-	-
9.	Service company IS	Provide the certificate of the transport module with public key	Provides the certificate of the transport module with public key. Provides a web service method request: <i>RegisterTransportModuleCertificateRequest</i> .	-	-

10.	i.EKA system	Register transport module certificate for cash register	Registers transport module certificate for cash register. If the public key is provided of cash register with virtual fiscalization, the cash register is registered. Cash register status in i.EKA system is "Registered". Provides the response to the request: <i>RegisterTransportModuleCertificateResponse</i> .	If error accrued, with the response <i>RegisterTransportModuleCertificateResponse</i> error is provided. See step 11.	-
11.	Service company IS	Process the received response	Processes the response <i>RegisterTransportModuleCertificateResponse</i> . If received error, see step 9. If request is successful, see step 12.	-	-
12.	Service company IS	Register cash register with virtual fiscalization?	Registration of cash register with virtual fiscalization? If yes , see step 14. If no (with security module), see step 13.	-	-
13.	Cash register	Registration of cash register	Registration of cash register. For a description of AP registration, see next process: PR004. Cash register with SM should have registered security module certificate.	-	-
Register cash register with virtual fiscalization					
14.	Service company IS	Process completed – cash register is registered	Process completed – cash register with virtual fiscalization is registered.	-	-

4.4 PR004 The registration completion of cash register with SM

4.4.1 General description

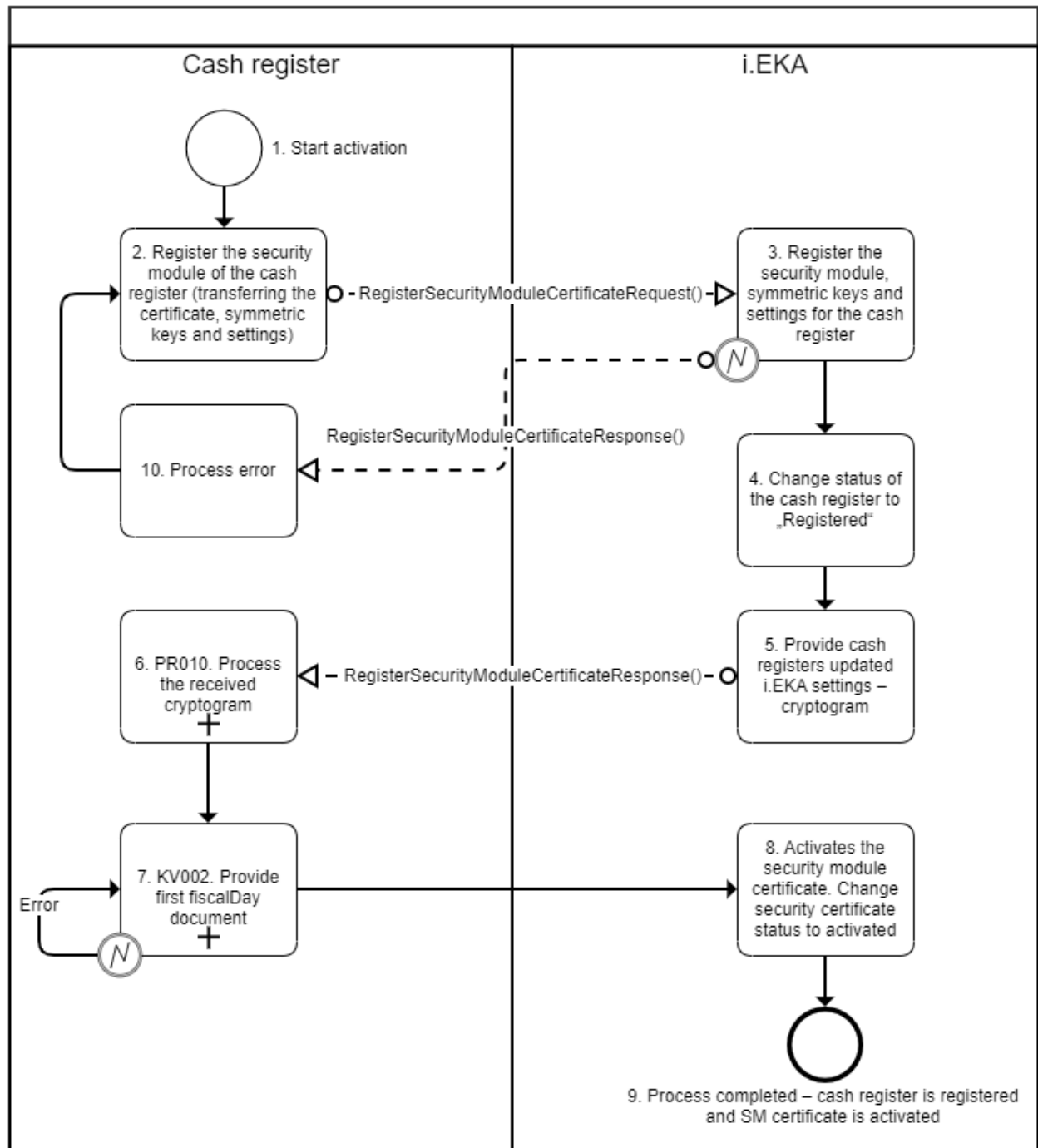
This section describes the completion of the registration of the cash register with SM in the i.EKA system.

The cash register registration process is continued from the cash register by using i.EKA provided web services. Web services are invoked using the certificate of the data transport module, which is already registered in the i.EKA system.

To completing the registration of the cash register and activation of the security module certificate, the following data must be transmitted:

- Security module certificate with public key
- Symmetric keys
- Security module settings
- First fiscal day document

4.4.1.1 The registration completion process of cash register with SM



4.4.1.2 Process description

Purpose		Register and activate the cash register with security module in i.EKA system.			
Prerequisites		Pre-registration of the cash register has been completed. i.e. The registration data of the cash register and the certificate of the data transport module has already been registered in the i.EKA system.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					

1.	Cash register	Start activation	Start cash register activation.	-	-
2.	Cash register	Register the security module of the cash register (transferring the certificate, symmetric keys and settings)	Provides security module certificate, symmetric keys and settings of cash register security module. Requests security module certificate registration by submitting a web service method request: <i>RegisterSecurityModuleCertificateRequest</i> .	-	-
3.	i.EKA system	Register the security module, symmetric keys and settings for the cash register	Process the request. Registers the security module, symmetric keys and settings for the cash register.	If error accrued, with the response <i>RegisterSecurityModuleCertificateResponse</i> error is provided. See step 10.	-
4.	i.EKA system	Change status of the cash register to „Registered“	Changes status of the cash register to „Registered“.	-	-
5.	i.EKA system	Provide cash registers updated i.EKA settings – cryptogram	Provides a response to the request: <i>RegisterSecurityModuleCertificateResponse</i> . Provides recalculated cryptogram. i. e. cryptogram parameters: <i>offLineFiscalDayQuantity</i> =1 IR <i>offLineReceiptQuantity</i> =0.	-	-
6.	Cash register	PR010. Process the received cryptogram	Receives recalculated cryptogram. i. e. cryptogram parameters: <i>offLineFiscalDayQuantity</i> =1 IR <i>offLineReceiptQuantity</i> =0. See process: PR010. Sets the settings of the security module according to the cryptogram received from i.EKA.	-	-
7.	Cash register	KV002. Provide first fiscalDay document	Provides the first generated fiscal day document of cash register to the i.EKA system. See section: KV002. Provides a web service method request: <i>SubmitFiscalDay</i> .	If error accrued, see step 7.	The response to the request shall contain a cryptogram containing a reset of the allowed signed documents in the Security Module.
8.	i.EKA system	Activates the security module	Activates the security module certificate. Change security certificate status to activated.	-	-

		certificate. Change security certificate status to activated			
9.	-	Process completed – cash register is registered and SM certificate is activated	Process completed – cash register is registered and SM certificate is activated.	-	-
Error					
10.	Cash register	Process error	Process error. See step 2.	-	-

4.5 PR005 Security module certificate renewal

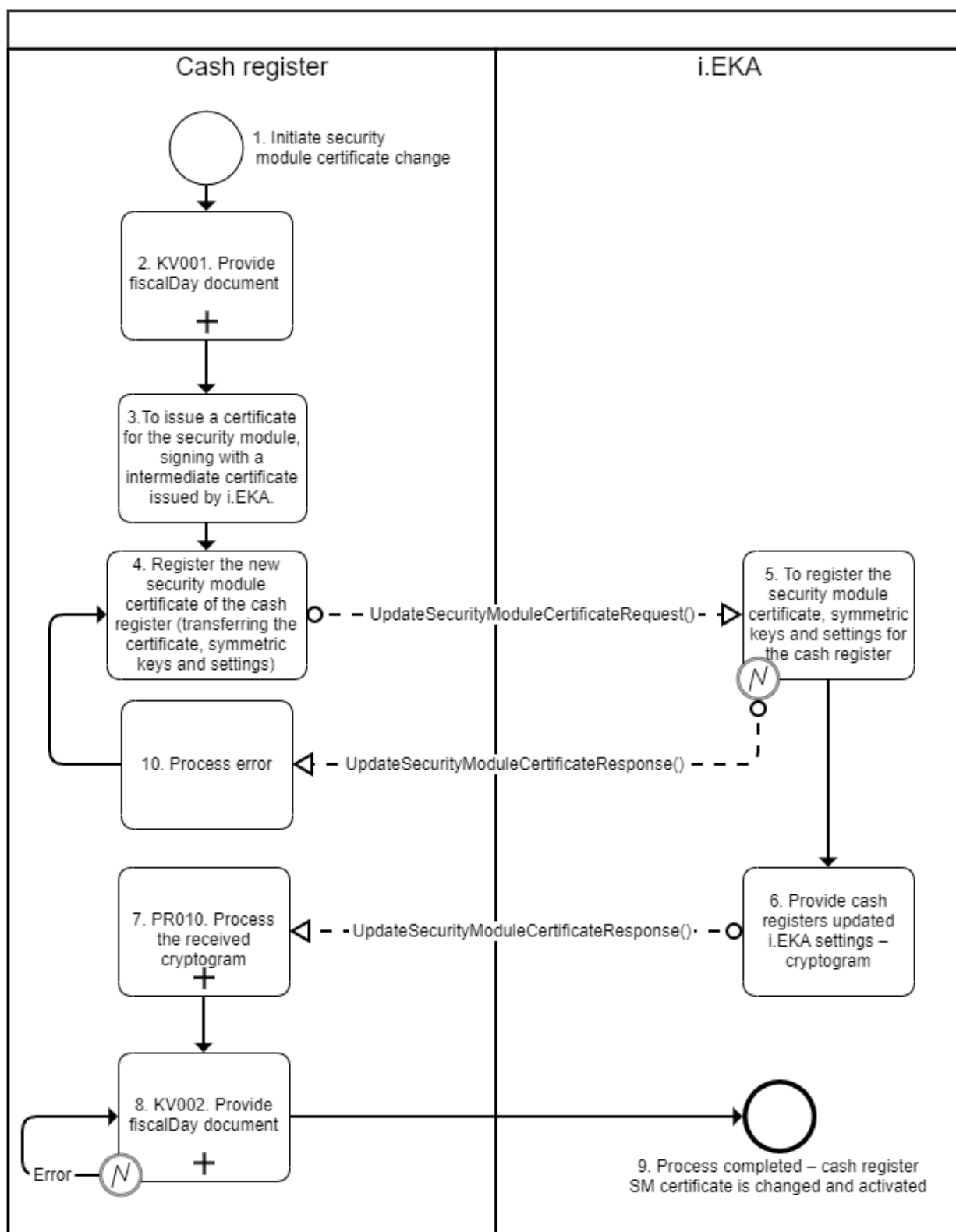
4.5.1 General description

This section describes the process for renewing security module certificate of cash register in i.EKA system.

To register new certificate of security module in the i.EKA system, the following data must be transmitted:

- Fiscal day document
- Security module certificate with public key
- Symmetric keys
- Security module settings
- Fiscal day document

4.5.1.1 Security module certificate renewal process



4.5.1.2 Process description

Purpose		To renew cash register security module certificate			
No	Subject	Action	Description	Boundary events	Notes

Iprastinė eiga					
1.	Cash register	Initiate security module certificate change	Initiate security module certificate change.	-	-
2.	Cash register	KV001. Provide fiscalDay document	Provides the last generated fiscal day document of cash register to the i.EKA system. See section: KV002. Provides a web service method request: <i>SubmitDocuments</i> .	-	-
3.	Cash register	To issue a certificate for the security module, signing with a intermediate certificate issued by i.EKA.	Issues a certificate for the security module, which is signed with a intermediate certificate issued by i.EKA.	-	-
4.	Cash register	Register the new security module certificate of the cash register (transferring the certificate, symmetric keys and settings)	Registers the new security module certificate of the cash register (transferring the certificate, symmetric keys and settings) in i.EKA system. Provides a web service method request: <i>UpdateSecurityModuleCertificateRequest</i> . Sends request <i>UpdateSecurityModuleCertificateRequest</i> with the security module certificate, symmetric keys, and security module settings.	-	-
5.	i.EKA system	To register the security module certificate, symmetric keys and settings for the cash register	Registers the new security module certificate, symmetric keys and settings for the cash register.	If error accrued, with the response <i>UpdateSecurityModuleCertificateResponse</i> error is provided. See step 10.	It is checked whether all documents have been received according to the received security module settings in i.EKA system. The last generated fiscal day document must be received in the i.EKA system.

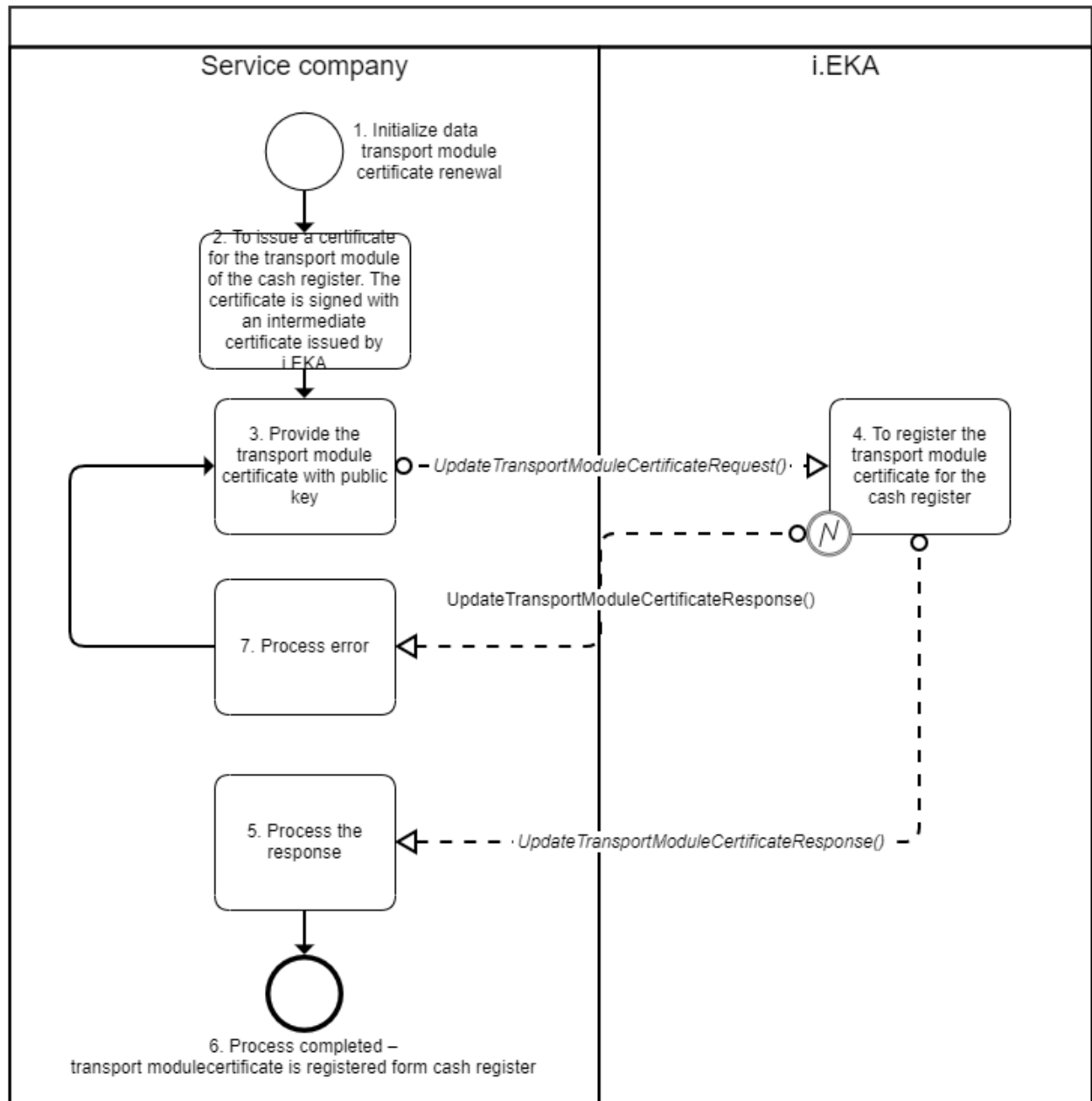
6.	i.EKA system	Provide cash registers updated i.EKA settings – cryptogram	Provides a response to the request: <i>UpdateSecurityModuleCertificateResponse</i> . Provides recalculated cryptogram. i. e. cryptogram parameters: <i>offLineFiscalDayQuantity=1</i> IR <i>offLineReceiptQuantity=0</i> .	-	-
7.	Cash register	PR010. Process the received cryptogram	Receives recalculated cryptogram. i. e. cryptogram parameters: <i>offLineFiscalDayQuantity=1</i> IR <i>offLineReceiptQuantity=0</i> . See process: PR010. Sets the settings of the security module according to the cryptogram received from i.EKA.	If an error is received from i.EKA, see step 4 below.	-
8.	Cash register	KV002. Provide fiscalDay document	Provides the first generated fiscal day document of cash register to the i.EKA system. See section: KV002. Provides a web service method request: <i>SubmitFiscalDay</i> .	If error accrued, see step 8.	The response to the request shall contain a cryptogram containing a reset of the allowed signed documents in the Security Module.
9.	-	Process completed – cash register SM certificate is changed and activated	End of the process - Virtual Fiscal App (VFA) certificate renewal. The pre-existing certificate has been invalidated.	-	-
Error					
10.	Cash register	Process error	Process error. See step 4.	-	-

4.6 PR006 Transport module certificate renewal

4.6.1 General description

This section describes the process of renewing the certificate of the transport module of the cash register. The updated certificate must be transferred to the i.EKA system.

4.6.1.1 Transport module certificate renewal process



4.6.1.2 Process description

Purpose		To renew cash register transport module certificate			
No	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	Service company	Initialize data transport module certificate renewal	Initializes data transport module certificate renewal in i.EKA system.	-	-
2.	Service company	To issue a certificate for the	Issues a certificate for the transport module of the cash register. The certificate is signed with an intermediate certificate issued by i.EKA	-	-

		transport module of the cash register. The certificate is signed with an intermediate certificate issued by i.EKA			
3.	Service company	Provide the transport module certificate with public key	Provide the transport module certificate with public key. Provides a web service method request: <i>UpdateTransportModuleCertificateResponseRequest</i> .	-	-
4.	i.EKA system	To register the transport module certificate for the cash register	Registers the transport module certificate for the cash register Provides a response to the request: <i>UpdateTransportModuleCertificateResponse</i> .	If error accrued, with the response <i>UpdateTransportModuleCertificateResponse</i> error is provided. See step 7.	
5.	Service company	Process the response	Process the response.	-	-
6.	-	Process completed – transport module certificate is registered for cash register	Process completed – transport module certificate is registered for cash register in i.EKA system.	-	-
Error					
7.	Service company	Process error	Process error. See step 3.	-	-

4.7 PR014 Re-registration of the cash register to the new user

4.7.1 General description

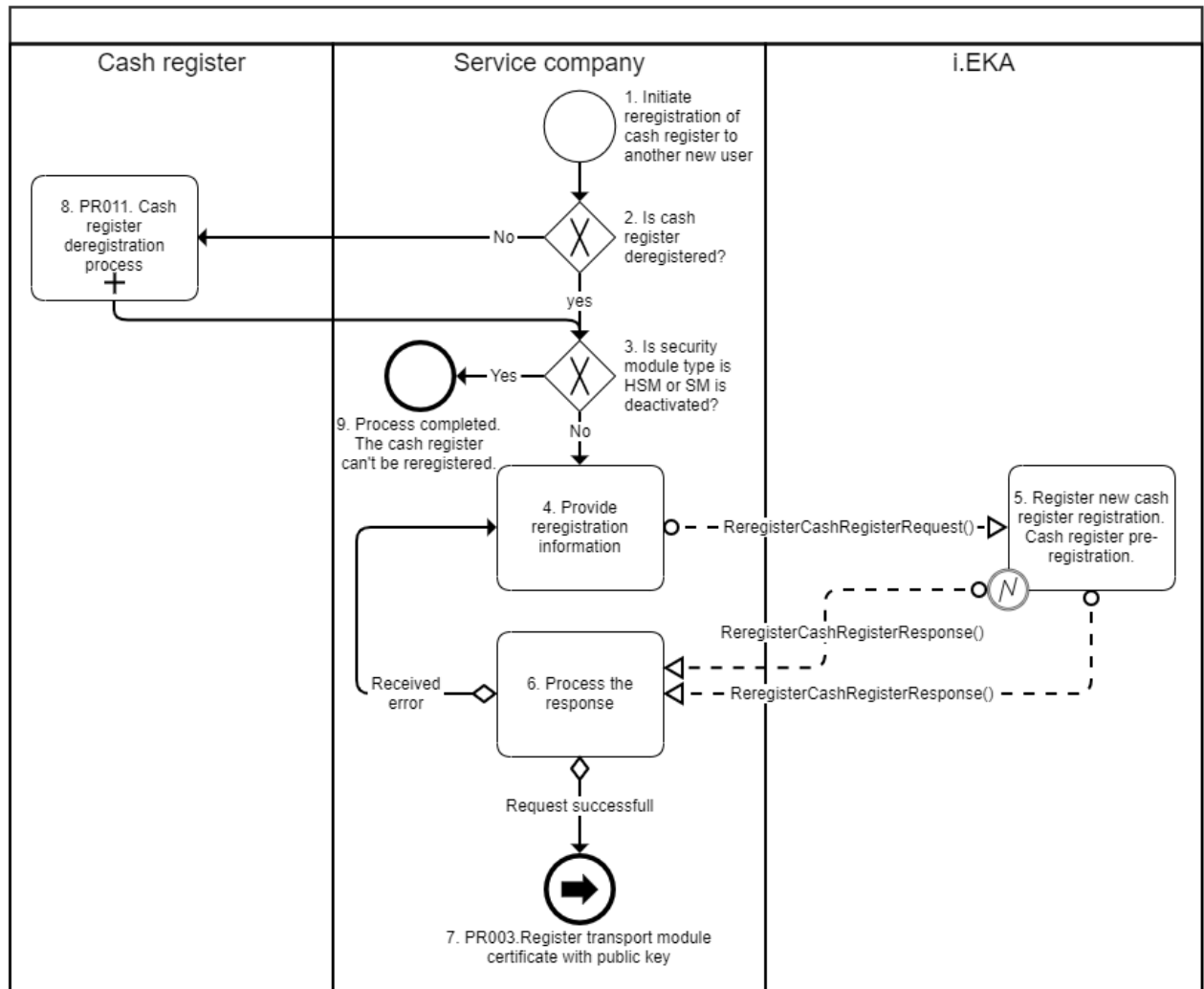
This section describes the re-registration of a cash register with a security module for new user.

In order to re-register a cash register for another user, the cash register must first be de-registered with a non-deactivated security module.

Deregistered cash registers with a deactivated security modules cannot be re-registered for a new user.

The cash register with connected new security module must be registered as a new cash register.

4.7.1.1 Re-registration of the cash register to the new user process



4.7.1.2 Process description

Objective		Re-register cash register to the new user.			
No.	Subject	Action	Description	Boundary events	Notes
Iprastinė eiga					
1.	Service company	Initiate reregistration of cash register to another new user	Initiate reregistration of cash register to another new user.	-	-
2.	Service company	Is cash register deregistered?	Verifies if cash register is already deregistered. If yes , see step no. 3. If no , see step no. 8.	-	-
3.	Service company	Is security module type is HSM or SM is deactivated?	Is security module type is HSM or SM is deactivated? If yes , SM type is HSM or SM is deactivated, see step no. 9. If no , see step no. 4.	-	-
4.	Service company	Provide reregistration information	Provide reregistration information to the i.EKA system.	-	-

			Provides a response to the request: <i>ReregisterCashRegisterRequest</i> .		
5.	i.EKA system	Register new cash register registration. Cash register pre-registration.	Process the request. If the request is successfully processed, registers new cash register registration. Cash register pre-registration. Provides a response to the request: <i>ReregisterCashRegisterResponse</i> .	If error accrued, with the response <i>ReregisterCashRegisterResponse</i> error is provided. See step 8.	-
6.	Service company	Process the response	Process the received response. If request successful , see step no. 7. If received error , see step no. 4.	Jei gauta klaida, toliau žr. žingsnį Nr. 4.	-
7.	Service company	Register transport module certificate with public key	Register transport module certificate with public key. See process: PR003 .	-	-
Cash register is not deregistered					
Cash register is not deregistered		See step no. 2			
8.	Cash register	Cash register deregistration process	Cash register deregistration process. See process: PR011 . See step no. 3.	-	-
Cash register SM type HSM or SM is deactivated					
Cash register SM type HSM or SM is deactivated		See step no. 3.			
9.	Service company	Process completed. The cash register can't be reregistered	Process completed. The cash register can't be reregistered.	-	Deregistered cash register with a deactivated security module cannot be re-registered for a new user. A cash register with a new security module connected must be registered as a new payment instrument and have new cash register and security module identifications.

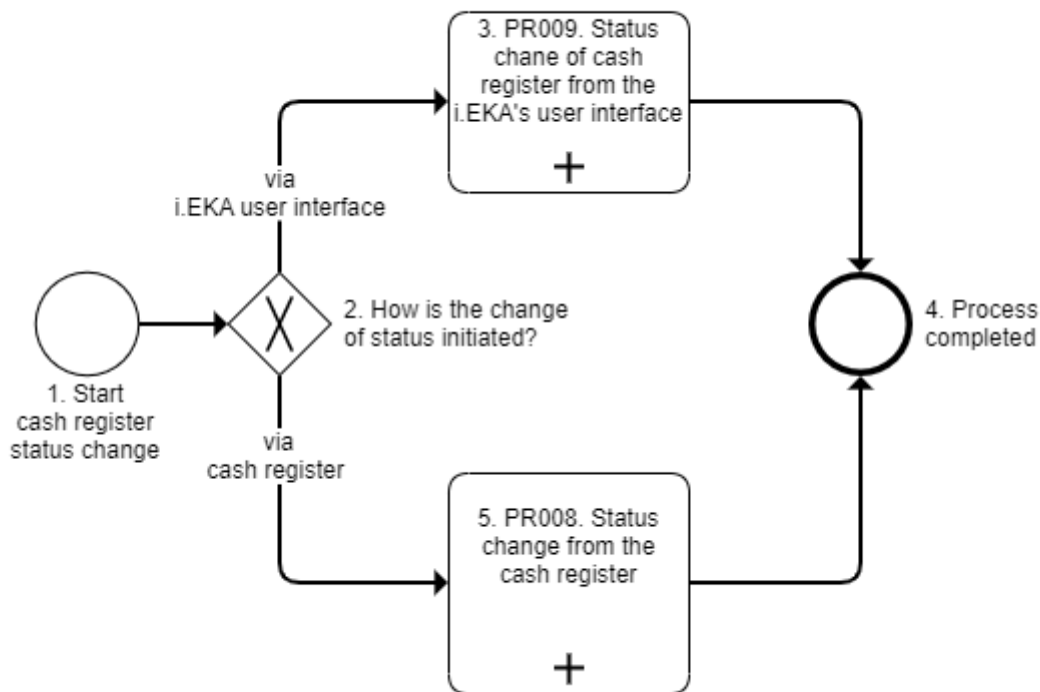
5 PR007 PROCESS OF CHANGING THE STATUS OF CASH REGISTER WITH SM

5.1 Detailed description

This section describes changing the status of the cash register. Changing the status of the cash register can be initiated:

- from the cash register, transferring changes to the i.EKA system, using the web services created by i.EKA;
- by setting from the i.EKA user interface.

5.1.1 Process of changing the status of cash register with SM

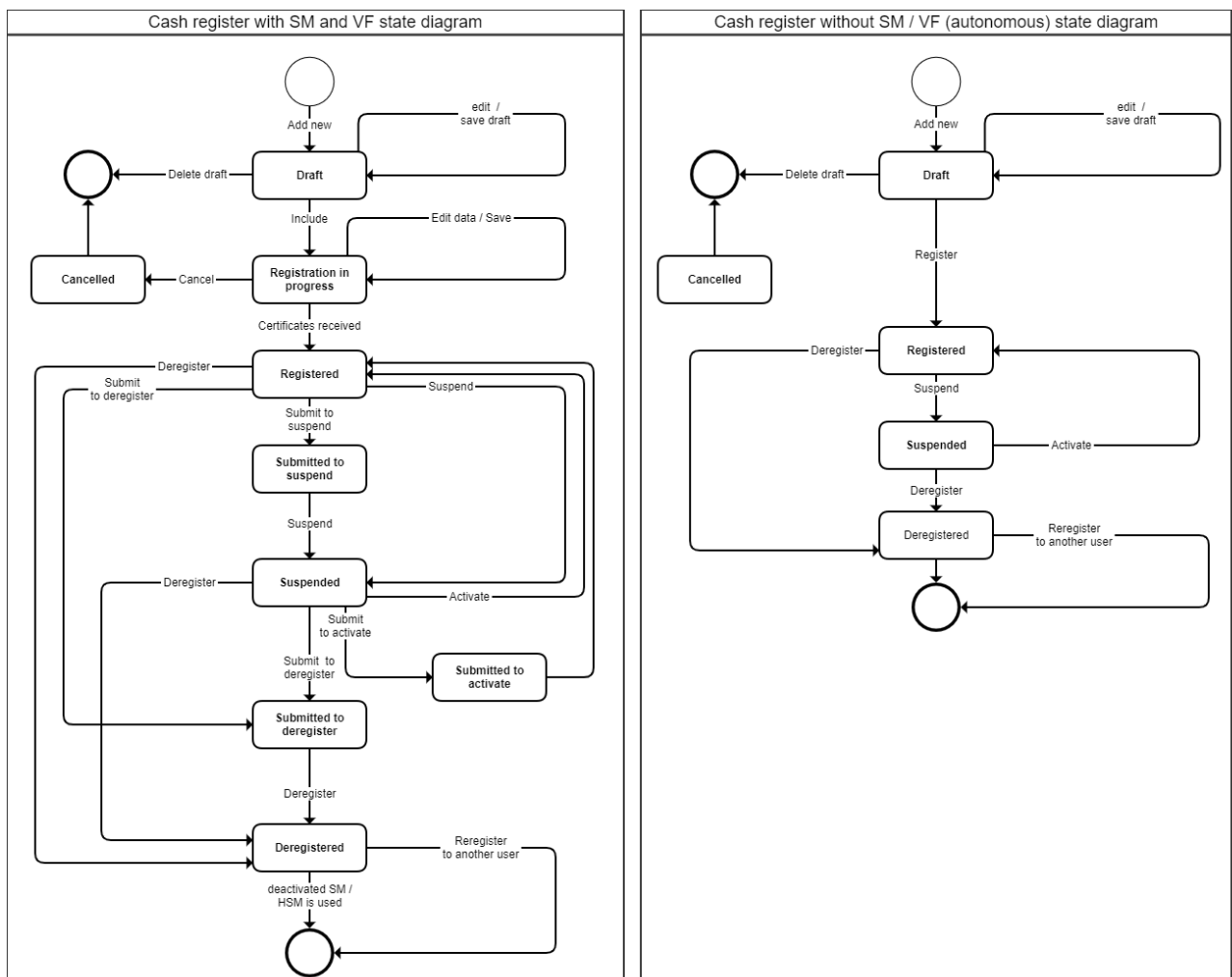


5.1.2 Process description

Purpose		Change status of cash register			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	User of cash register	Start cash register status change	Initiates status change of cash register.	-	-
2.	User of cash register	How is the change of status initiated?	If via i.EKA user interface , see step No. 3. If via cash register , see step No. 5	-	-
Changing the status of the cash register through i.EKA user interface					

Changing the status of the cash register through i.EKA user interface		Step No. 2.			
3.	User of cash register	PR009. Status change of cash register from the i.EKA's user interface	Changes status of cash register from the i.EKA's user interface See process: PR009 .	-	-
4.	-	Process completed	Process completed.	-	-
Changing the status of the cash register via cash register					
Changing the status of the cash register via cash register		Step No. 2.			
5.	User of cash register	PR008. Status change from the cash register	Changes status of cash register from the cash register. See. process: PR008 . See step 4.	-	-

5.2 Cash register registration statuses

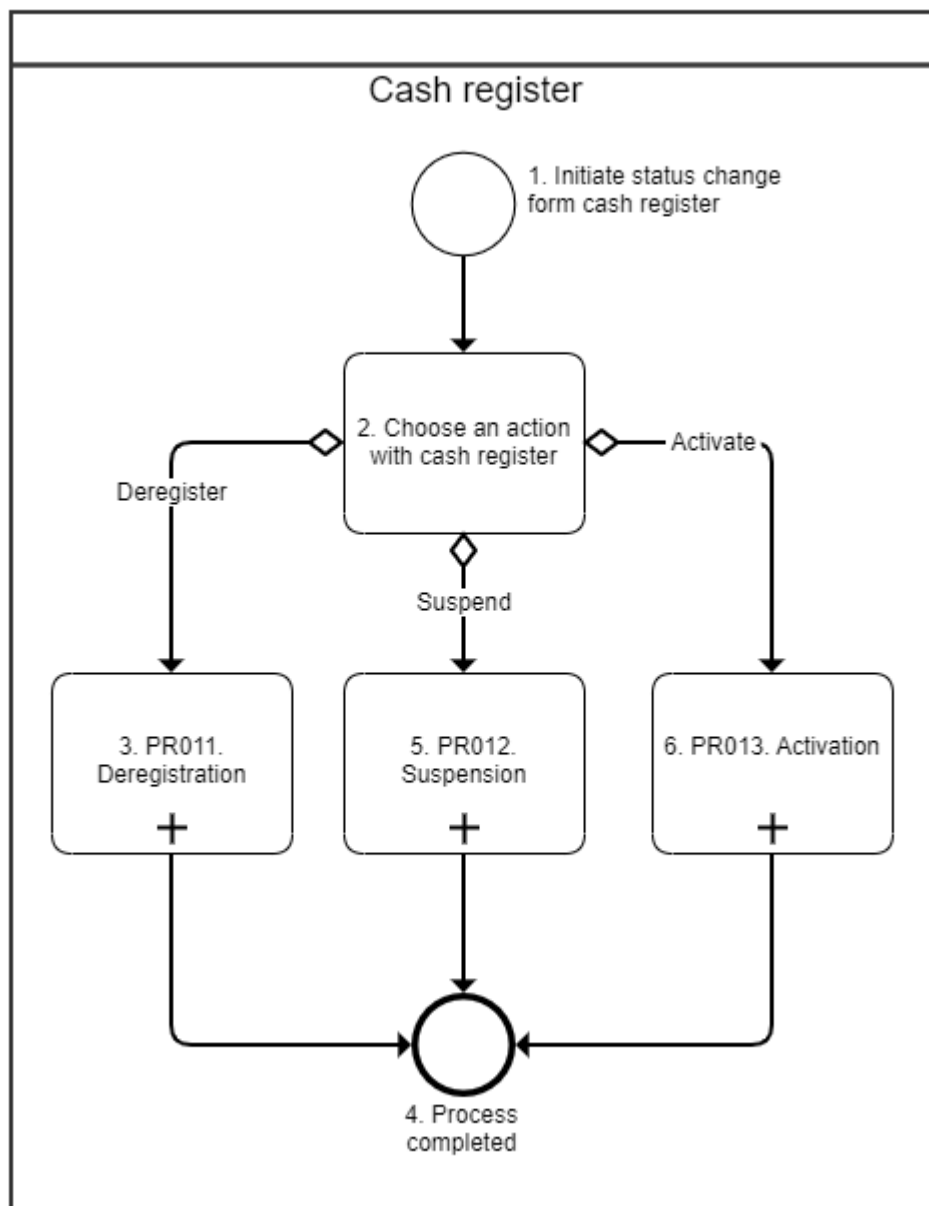


5.3 PR008 Status change from the cash register

5.3.1 General description

This section explains how to change the state of cash register using the web services created by i.EKA, the data for the status change must be sent to the system.

5.3.1.1 Status change process from the cash register



5.3.1.2 Process description

Purpose		Change status of cash register.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	Cash register	Initiate status change form cash register	Initiates status change form cash register.	-	-
2.	Cash register	Choose an action with cash register	Chooses an action with cash register: If an action "Deregister" is selected, see step 3.	-	-

			If an action "Suspend" is selected, see step 5. If an action "Activate" is selected, see step 6.		
Procedure for deregistration					
Deregistration		Step No. 2			
3.	Cash register	Deregistration	Cash register deregistration. See process: PR011 (1b)	-	-
4.	-	Process completed.	Process completed.	-	-
Procedure for suspension					
Suspension		Step No. 2			
5.	Cash register	Suspension	Cash register suspension. See process: PR012 (1b) See step No. 4	-	-
Procedure for activation					
Activation		Step No. 2			
6.	Cash register	Activation	Cash register activation. See process: PR013 (1a) See step No. 4	-	Activation is only possible when the cash register is in the "Suspended" state.

5.4 PR009 Change status of cash register from the i.EKA's user interface

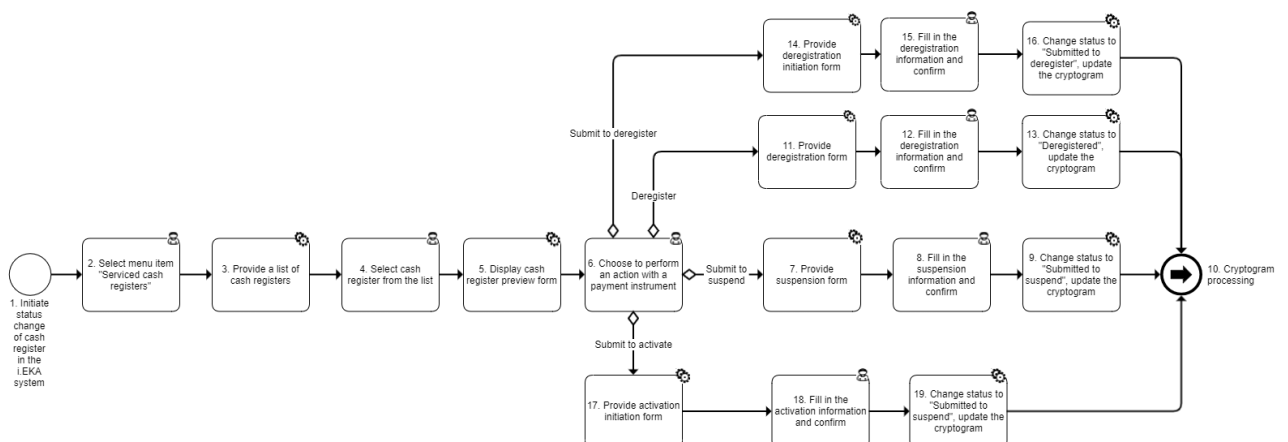
5.4.1 General description

This section describes the initiation of the change of status of the cash register with SM from the i.EKA system. Information of status changes from the i.EKA system is transmitted to cash register via a cryptogram.

The cash register can receive cryptograms from the i.EKA system in 3 cases:

- after checking the file status of the transferred receipts. With response of *CheckState*, *SubmitFiscalDay*, *StateHistory* and *GetDocumentsWithErrors* methods (if the cryptogram has changed)
- after initiating to get cryptogram. With response of the *GetSettingsCryptogram* method
- after initiating the registration or renewal of the security module certificate of the cash register. With response of the *RegisterSecurityModuleCertificate* and *UpdateSecurityModuleCertificate* and methods

5.4.1.1 Change status of cash register from the i.EKA's user interface



5.4.1.2 Process description

Purpose	Initiate status change of cash register in the i.EKA system.

Prerequisites		The user is logged in to the i.EKA system as service company representative.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	Service company representative	Initiate status change of cash register in the i.EKA system	Initiates status change of cash register in the i.EKA system.	-	-
2.	Service company representative	Select menu item "Serviced cash registers"	Selects menu item "Serviced cash registers".	-	-
3.	i.EKA system	Provide a list of cash registers	Provides a list of cash registers.	-	-
4.	Service company representative	Select cash register from the list	Selects cash register from the list.	-	-
5.	i.EKA system	Display cash register preview form	Displays cash register registration information preview form.	-	-
6.	Service company representative	Choose to perform an action with a payment instrument	Choose to perform an action with a payment instrument. If choose Submit to suspend , see step no 7. If choose Deregister , see step no 11. If choose Submit to deregister , see step no 14. If choose Submit to activate , see step no 17.	-	-
Submit to suspend					
Submit to suspend		Step no 6.			
7.	i.EKA system	Provide suspension form	Provides suspension form.	-	-
8.	Service company representative	Fill in the suspension information and confirm	Fills in the suspension information and confirms.	-	-
9.	i.EKA system	Change status to "Submitted to suspend", update the cryptogram	Changes cash register status to "Submitted to suspend", updates the cryptogram. Changes cash register settings and status in the cryptogram into SUBMITTED_TO_SUSPEND.	-	-
10.	Service company representative	Cryptogram processing	Process completed. Process renewed cryptogram. See process: PR010 .	-	-
Deregistration initiation					
Deregistration initiation		Step no 6.			
11.	i.EKA system	Provide deregistration form	Provides deregistration form.	-	-
12.	Service company representative	Fill in the deregistration information and confirm	Fills in the deregistration information and confirms.	-	-
13.	i.EKA system	Change status to "Deregistered", update the cryptogram	Changes cash register status to "Deregistered", updates the cryptogram. Changes cash register settings and status in the cryptogram into DEREGISTERED. See step no 10.	-	-
Deregistration					
Deregistration		Step no 6.			
14.	i.EKA system	Provide deregistration initiation form	Provides deregistration initiation form.	-	-
15.	Service company representative	Fill in the deregistration information and confirm	Fills in the deregistration information and confirms.		
16.	i.EKA system	Change status to "Submitted to deregister", update the cryptogram	Changes cash register status to "Submitted to deregister", updates the cryptogram. Changes cash register settings and status in the cryptogram into SUBMITTED_TO_DEREGISTER. See step no 10.		
Activation initiation					
Activation initiation		Step no 6.			
17.	i.EKA system	Provide activation initiation form	Provides activation initiation form.	-	-
18.	Service company representative	Fill in the activation information and confirm	Fills in the activation information and confirms.	-	-

19.	i.EKA system	Change status to "Submitted to suspend", update the cryptogram	Changes cash register status to "Submitted to suspend", updates the cryptogram. Changes cash register settings and status in the cryptogram into SUBMITTED_TO_REGISTER. See step no 10.	-	-

5.5 PR010 Process for processing a cryptogram

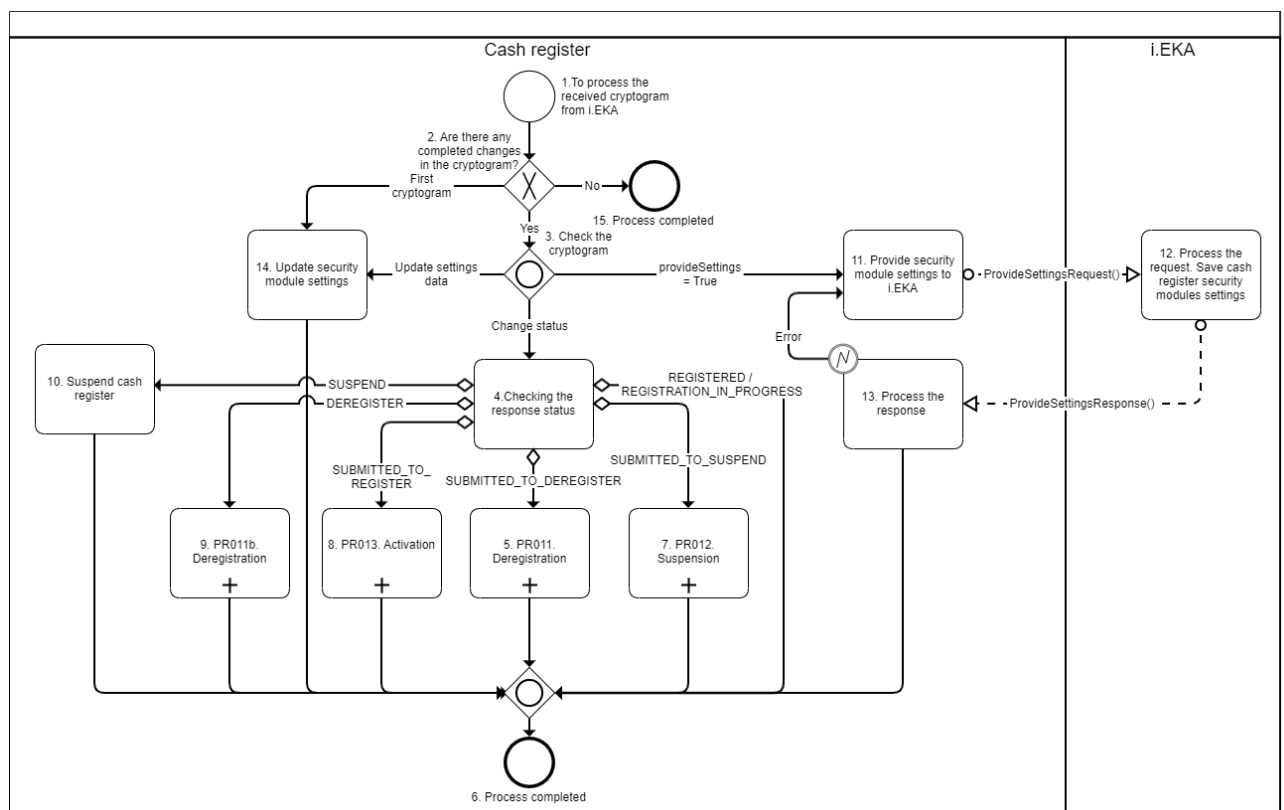
5.5.1 General description

This section describes the process of processing the received cryptogram.

The cash register can receive cryptograms from the i.EKA system in 3 cases:

- after checking the file status of the transferred receipts. With response of *CheckState*, *SubmitFiscalDay*, *StateHistory* and *GetDocumentsWithErrors* methods (if the cryptogram has changed)
- after initiating to get cryptogram. With response of the *GetSettingsCryptogram* method
- after initiating the registration or renewal of the security module certificate of the cash register. With response of *RegisterSecurityModuleCertificate* and *UpdateSecurityModuleCertificate* and methods

5.5.1.1 Process of processing the cryptogram received from the i.EKA system



5.5.1.2 Process description

Objective		Process in the cash register received cryptogram from i.EKA.			
No	Subject	Action	Description	Boundary events	Notes
.					
Standard procedure					

1.	Cash register	To process the received cryptogram from i.EKA	Process the received cryptogram from i.EKA. The cash register can receive cryptograms from the i.EKA system in 3 cases: - after checking the file status of the transferred receipts. With response of <i>CheckState</i>, <i>SubmitFiscalDay</i>, <i>StateHistory</i> and <i>GetDocumentsWithErrors</i> methods (if the cryptogram has changed) - after initiating to get cryptogram. With response of the <i>GetSettingsCryptogram</i> method - after initiating the registration or renewal of the security module certificate of the cash register. With response of <i>RegisterSecurityModuleCertificate</i> and <i>UpdateSecurityModuleCertificate</i> and methods	-	-
2.	Cash register	Are there any complete changes in the cryptogram?	Checks the received cryptogram if there are any changes from previous cryptogram. If yes , see step no 3. If no , see step no 15. If it's the first cryptogram for cash register, see no 14.	-	-
3.	Cash register	Check the cryptogram	Checks the cryptogram. Then all actions can be processed in parallel. If the received cryptogram has updated settings (counters), see step no 14. If the received cryptogram contains provideSettings = True , see step no 11. If the received cryptogram has changed cash register status , see step no 4.	-	-
State change					
State change		Step No. 3.			
4.	Cash register	Check cash register status in the cryptogram	Checks cash register status in the cryptogram: - If the status SUBMITTED_TO_DEREGISTER is received, see step no 5. - If the status SUBMITTED_TO_SUSPEND is received, see step no 7. - If the status SUBMITTED_TO_REGISTER is received, see next step no 8. - If the status DEREGISTERED is received, see next step no 9. - If the status SUSPENDED is received, see next step no 10. - If the status REGISTERED or REGISTRATION_IN_PROGRESS has been received, see next step no 6.	-	-
SUBMITTED_TO_DEREGISTER					
5.	Cash register	Deregistration	The deregistration of the cash register is in progress. See the process: PR011. See step no 6.	-	-
6.	-	Process completed	Process completed.	-	-
SUBMITTED_TO_SUSPEND					
7.	Cash register	Suspension	The suspension of the cash register is in progress. See the process: PR012. See step no 6.	-	-
REGISTERED					
8.	Cash register	Activation	The activation of the cash register is in progress. See the process: PR013. See step no 6.	-	-
DEREGISTERED					
9.	Cash register	Deregistration	The deregistration of the cash register is in progress. See the process: PR011b. See step no 6.	-	-
SUSPENDED					
10.	Cash register	Suspend the cash register	The cash register is suspended. The operations of the cash register is stopped. See step no 6.	-	-
provideSettings = True					
provideSettings = True		Step No. 3.			
11.	Cash register	Provide security module settings to i.EKA	Provides security module settings to i.EKA. Provides a web service method request: <i>ProvideSettingsRequest</i> .	-	-

12.	i.EKA system	Process the request. Save cash register security modules settings	Process the request. Saves cash register security modules settings in the i.EKA system. Provides a response to the request: <i>ProvideSettingsResponse</i> .	-	-
13.	Cash register	Process the response	Processes the response. See step No. 6.	If an error is received, the process is repeated, see step no 11.	-
Updated settings data					
The first cryptogram Updated settings data		Step No. 2 Step No. 3			
14.	Cash register	Update security module settings	Updates security module settings. I.e. the number of receipts allowed to be signed and not provided into i.EKA system and so on. Renew information about the last processed receipts in the i.EKA. See step no 6.	-	-
No changes were made in the cryptogram					
No changes were made in the cryptogram		Step No. 2.			
15.	Cash register	Process completed	Process completed – the cryptogram is not processed.	-	-

5.6 PR011 Cash register deregistration process

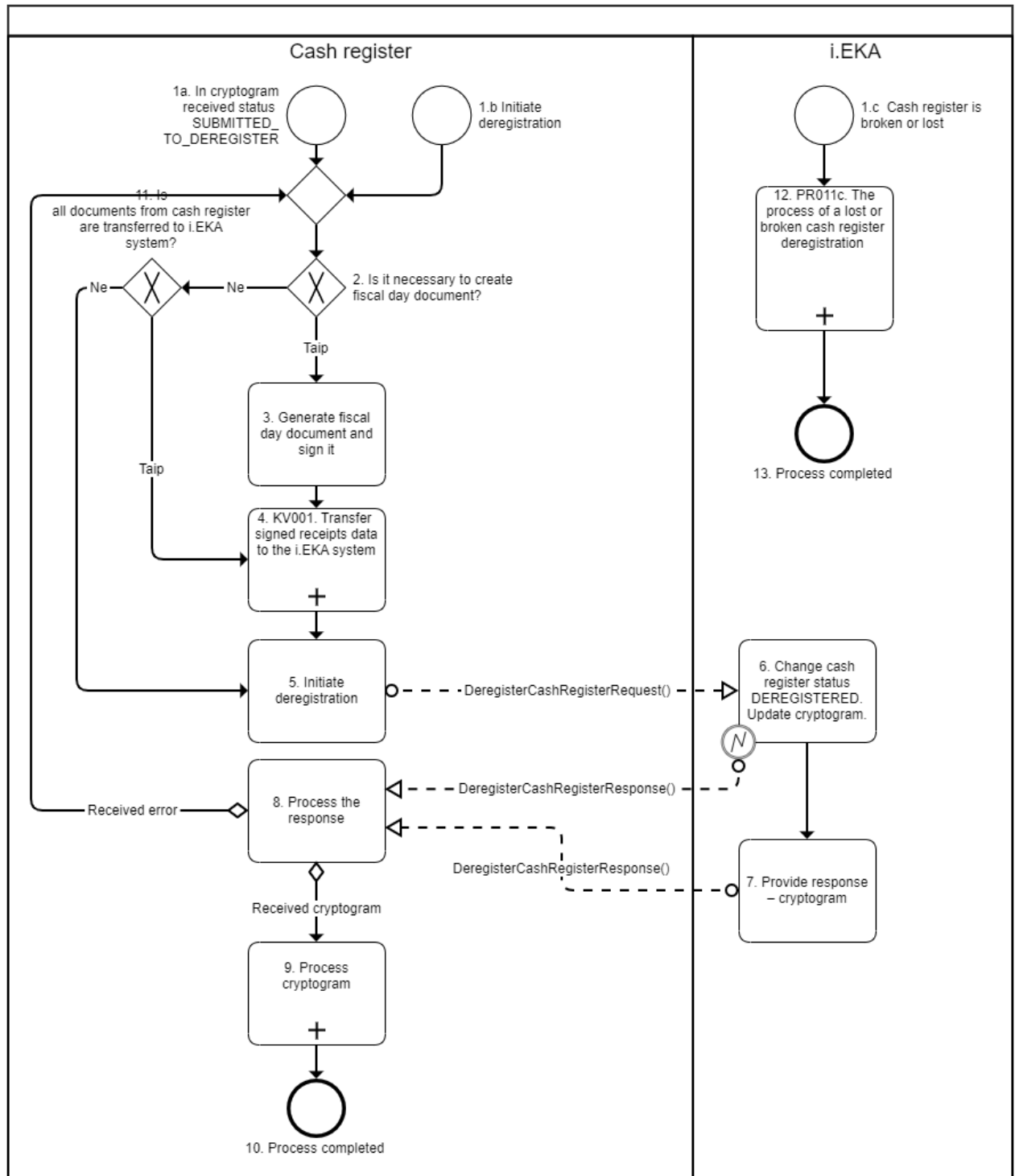
5.6.1 General description

This section describes the process of deregistering a cash register. The security module of cash register deregistered with the indication "Deactivated SM" can no longer be used.

Deregistration can be initiated:

- from the i.EKA system (when initialization from the AP is not possible). The cash register receives the status SUBMITTED_TO_DEREGISTER in the cryptogram.
- from the cash register, submitting a deregistration request to i.EKA. Deregistration from i.EKA is confirmed by returning the status DEREGISTERED in the cryptogram.

5.6.1.1 Cash register deregistration process



5.6.1.2 Process description

Objective		To deregister cash register.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure "Cryptogram status SUBMITTED_TO_DEREGISTER"					
1a.	Cash register	In cryptogram received status	In cryptogram received status SUBMITTED_TO_DEREGISTER.	-	-

		SUBMITTED_TO_DEREGISTER	The security module can only sign a 1 fiscal day document with the received cryptogram. I.e. the cryptogram receives the parameters: offLineFiscalDayQuantity=1 and offLineReceiptQuantity=0.		
2.	Cash register	Is it necessary to create fiscal day document?	Verifies if the last generated and signed document is the fiscal day document. Checks if it is necessary to create fiscal day document. If yes, the fiscal day should be generated, see step no 3. If no, see step no 11.	-	-
3.	Cash register	Generate fiscal day document and sign it	Generates fiscal day document and signs it with security module certificate.	-	-
4.	Cash register	Transfer signed receipts data to the i.EKA system	Successfully transfers all signed documents, which was not transferred in i.EKA system yet. Receipt (documents) data is successfully processed in i.EKA. See process: KV001.	-	-
5.	Cash register	Initiate deregistration	Initiates deregistration. Provides a web service method request: <i>DeregisterCashRegisterRequest</i> .	-	-
6.	i.EKA system	Change status to DEREGISTERED. Update cryptogram.	If the request is successfully processed, it changes the status of the cash register in i.EKA to DEREGISTERED and updates the cryptogram.	If error accrued, with the response <i>DeregisterCashRegisterResponse</i> error is provided. See step 8.	-
7.	EKA system	Returns the response – cryptogram	Returns the response – cryptogram. Provides a response to the request: <i>DeregisterCashRegisterResponse</i> .	-	-
8.	Cash register	Process the response	Processing of the response. If received cryptogram , see step no. 9. If received error , see step no. 1.	If an error is received, the process is repeated, see step no 1.	
9.	Cash register	Process cryptogram	Process cryptogram. See process PR010 .	-	-
10.	Cash register	Process completed	Process completed.	-	-
New fiscal day document is not necessary					
	Fiscal day is not necessary. The last sign document in cash register is fiscal day document.	Step No 2.			
11.	Cash register	Is all documents from cash register are transferred to i.EKA system?	Verifies if there are any documents that have not been transferred to the i.EKA system? If no , see step No. 4. If yes , see step No. 5.	-	-
Standard procedure „Initiate deregistration“					

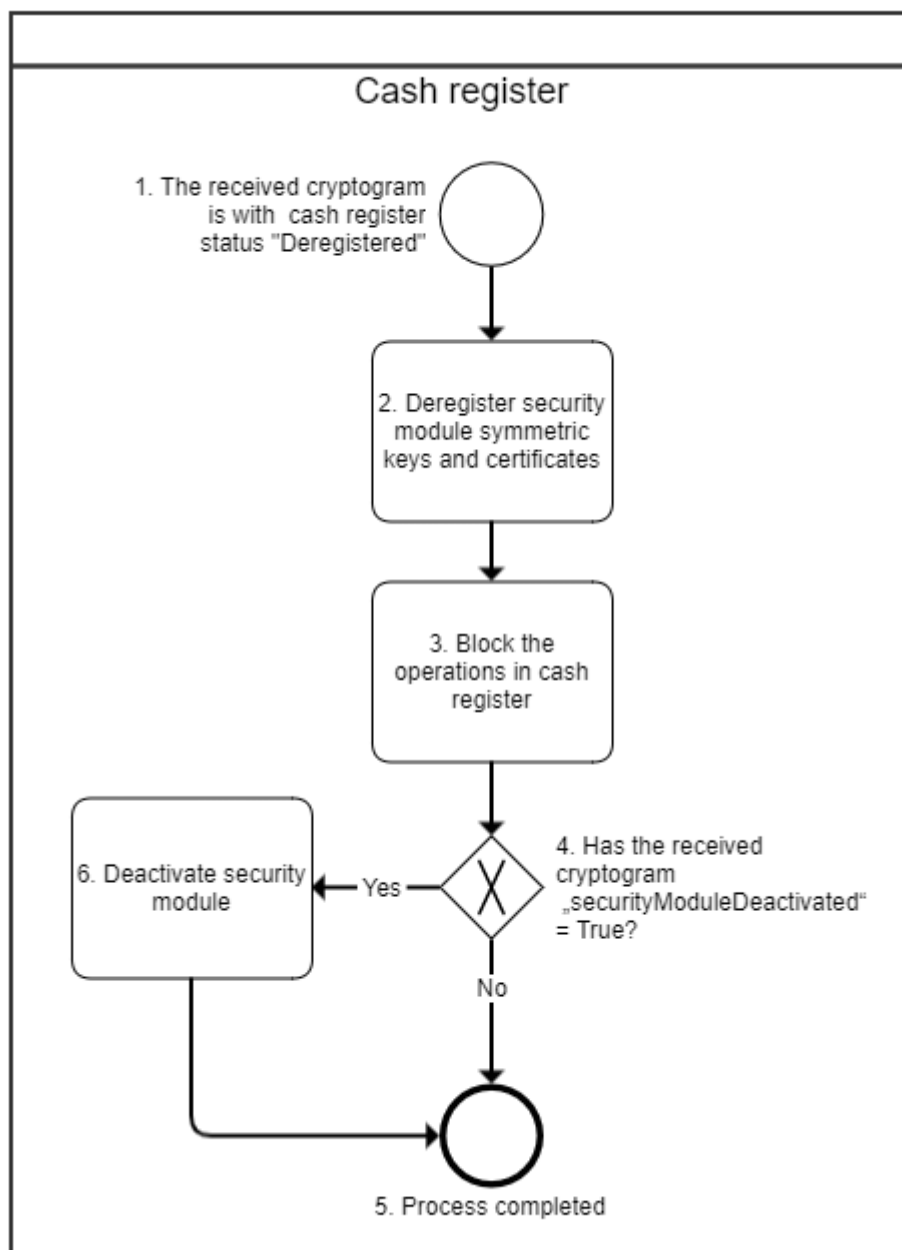
1b.	Cash register	Initiate deregistration	The deregistration procedure is initiated from cash register. See step No. 2.	-	-
Standard procedure „Cash register is broken or lost“					
1c.	i.EKA system	Cash register is broken or lost	Cash register is broken, stolen or lost. There is no possibilities to initiate cash register deregistration from cash register.	-	-
12.	i.EKA system	The process of a lost or broken cash register deregistration	The process of a lost or broken cash register deregistration. See the process: PR011c.	-	-
13.	i.EKA system	Process completed	Process completed.	-	-

5.6.2 PR011b Deregistered cash register process

5.6.2.1 General description

This section describes the process of a deregistered cash register process. Here is described process of cash register deregistration, when cash register gets confirmation of deregistration from i.EKA system. It means gets cryptogram with cash register status "DEREGISTERED".

5.6.2.1.1 Deregistered cash register deregistration process in cash register



5.6.2.1.2 Process description

Description		Deregistered cash register deregistration process in cash register			
No.	Subject	Action	Description	Bound ary events	Notes
Standard procedure					
1.	Cash register	The received cryptogram is with cash register status "Deregistered"	The received cryptogram is with cash register status "Deregistered". Approved cash register deregistration from i.EKA system.	-	This response is only received when the cash register has already been fully de-registered after receiving the SUBMITTED_TO_DEREGISTER status

					response in the cryptogram.
2.	Cash register	Deregister security module symmetric keys and certificates	Deregisters security module symmetric keys and certificates.	-	-
3.	Cash register	Block the operations in cash register	Blocks the operations in cash register.	-	-
4.	Cash register	Has the received cryptogram "securityModuleDe activated"= True?	Has the received cryptogram with parameter "securityModuleDeacti vated"= True? If yes , see step no. 6. If no , see step no. 5.	-	-
5.	Cash register	Process completed	Process completed.	-	-
Security module deactivated					
Received cryptogram „securityModuleDea ctivated"= True?		See No. 4.			
6.	Cash register	Deactivate security module	Deactivates security module. The security module is no longer can be used.	-	-

5.6.3 PR011c The process of deregistration of a lost, irreparably damaged cash register

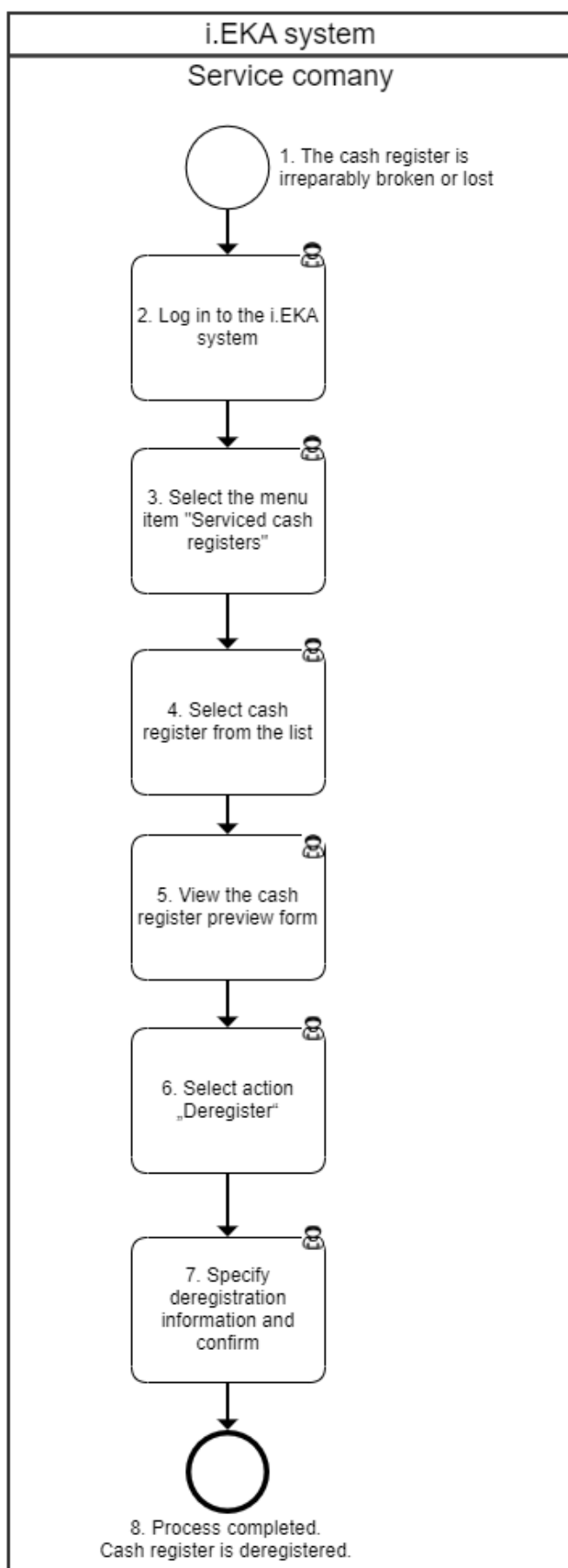
5.6.3.1 General description

This section describes the process of deregistration of a cash register in the i.EKA system when the cash register is irreparably damaged or lost.

I.e. the process of deregistration of the cash register when the deregistration initiation is not possible from cash register.

This deregistration process for the cash register is possible ONLY when the cash register cannot provide data to the i.EKA system. It is not possible to initialize the *DeregisterCashRegisterRequest* method from the cash register.

5.6.3.1.1 The process of deregistration of a lost, irreparably damaged cash register



5.6.3.1.2 Process description

Objective		Deregister a lost or irreparably damaged cash register. Only intended for cash registers that do not have the ability to submit the <i>DeregisterCashRegisterRequest</i> method via process PR011 .			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	-	The cash register is irreparably broken or lost	The cash register is irreparably broken or lost.	-	-
2.	Service company	Connect to the i.EKA system	Connects to the i.EKA system.	-	-
3.	Service company	Select the menu item "Serviced cash registers"	Selects the menu item "Serviced cash registers".	-	-
4.	Service company	Select cash register from the list	Selects cash register from the list.	-	-
5.	Service company	View the cash register preview form	View the opened cash register preview form.	-	-
6.	Service company	Select action "Deregister"	Press the button "Actions" and select action "Deregister".	-	-
7.	Service company	Specify deregistration information and confirm	Specify deregistration information and confirm.	-	-
8.	i.EKA system	Process completed. Cash register is deregistered	Process completed. Cash register is deregistered.	-	-

5.7 PR012 Suspension of cash register

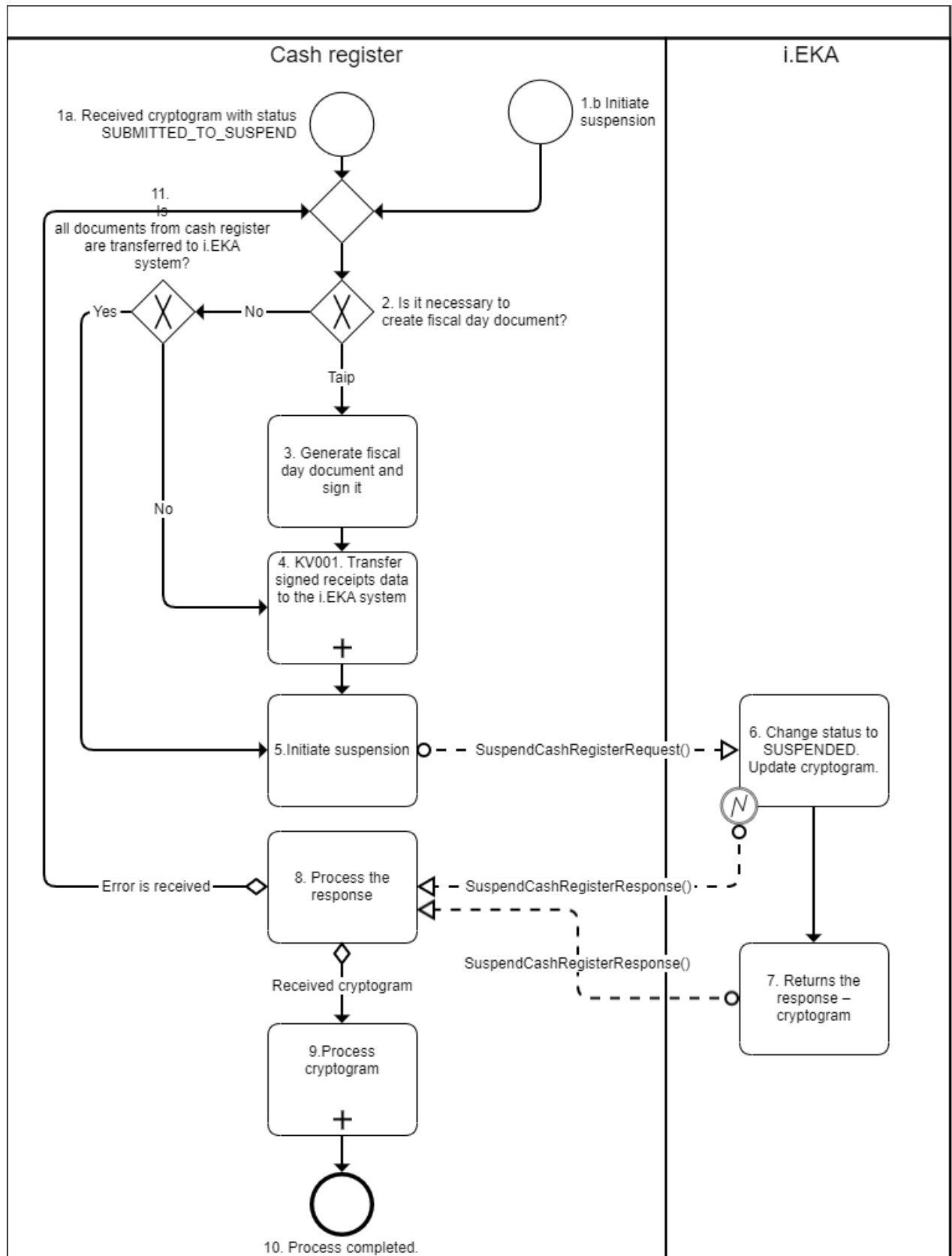
5.7.1 General description

This section describes the process of suspending a cash register. A suspended cash register cannot be used until the status of the cash register is changed to "Registered".

Suspension can be initiated by:

- from the i.EKA system. The cash register receives the status SUBMITTED_TO_SUSPEND in the cryptogram;
- from the cash register, submitting a suspension request to i.EKA. Suspension from i.EKA is confirmed by returning the status SUSPENDED in the cryptogram.

5.7.1.1 Suspension of cash register process



5.7.1.2 Process description

Objective		Suspend the cash register.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure "Received cryptogram with status SUBMITTED_TO_SUSPEND"					
1a.	Cash register	Received cryptogram with status SUBMITTED_TO_SUSPEND	Received cryptogram with status SUBMITTED_TO_SUSPEND. The security module can only sign a 1 fiscal day document with the received cryptogram. I.e. the cryptogram receives the parameters: offLineFiscalDayQuantity=1 AND offLineReceiptQuantity=0.	-	-
2.	Cash register	Is it necessary to create fiscal day document?	Verifies if the last generated and signed document is the fiscal day document. Checks if it is necessary to create fiscal day document. If yes , the fiscal day should be generated, see step no 3. If no , see step no 11.	-	-
3.	Cash register	Generate fiscal day document and sign it	Generates fiscal day document and signs it with security module certificate.	-	-
4.	Cash register	Transfer signed receipts data to the i.EKA system	Successfully transfers all signed documents, which was not transferred in i.EKA system yet. Receipt (documents) data is successfully processed in i.EKA. See process: KV001.	-	-
5.	Cash register	Initiate suspension	Initiate suspension. Provides a web service method request: <i>SuspendCashRegisterRequest</i> .	-	-
6.	i.EKA system	Change status to SUSPENDED. Update cryptogram.	If the request is successfully processed, it changes the status of the cash register in i.EKA to SUSPENDED and updates the cryptogram.	If error accrued, with the response <i>SuspendCashRegisterResponse</i> error is provided. See step 8.	If the request is successfully processed. The EKA system performs the following functions: - The record is given the status "Suspended" (the cryptogram with the status SUSPENDED is recalculated, and the cryptogram set NO_DATA_ACCEPTED is used); - The data is captured in the technical e-passport or in the status list (action "Suspended").
7.	i.EKA system	Returns the response – cryptogram	Returns the response – cryptogram.	-	-

			Provides a response to the request: <i>SuspendCashRegisterResponse</i> .		
8.	Cash register	Process the response	Processing of the response. If received cryptogram , see step no. 9. If received error , see step no. 1.	If an error is received, the process is repeated, see step no 1.	-
9.	Cash register	Process cryptogram	Process the received cryptogram. See process PR010 .	-	-
10.	Cash register	Process completion.	Process completion.	-	-
New fiscal day document is not necessary					
	Fiscal day is not necessary. The last sign document in cash register is fiscal day document.	Step No 2.			
11.	Cash register	Is all documents from cash register are transferred to i.EKA system?	Verifies if there are any documents that have not been transferred to the i.EKA system? If no , see step No. 4. If yes , see step No. 5.	-	-
The standard procedure of „Initiate suspension“					
1b.	Cash register	Initiate suspension	Initiates suspension from cash register. See step No. 2.	-	-

5.8 PR013 The cash register activation when cash register is suspended

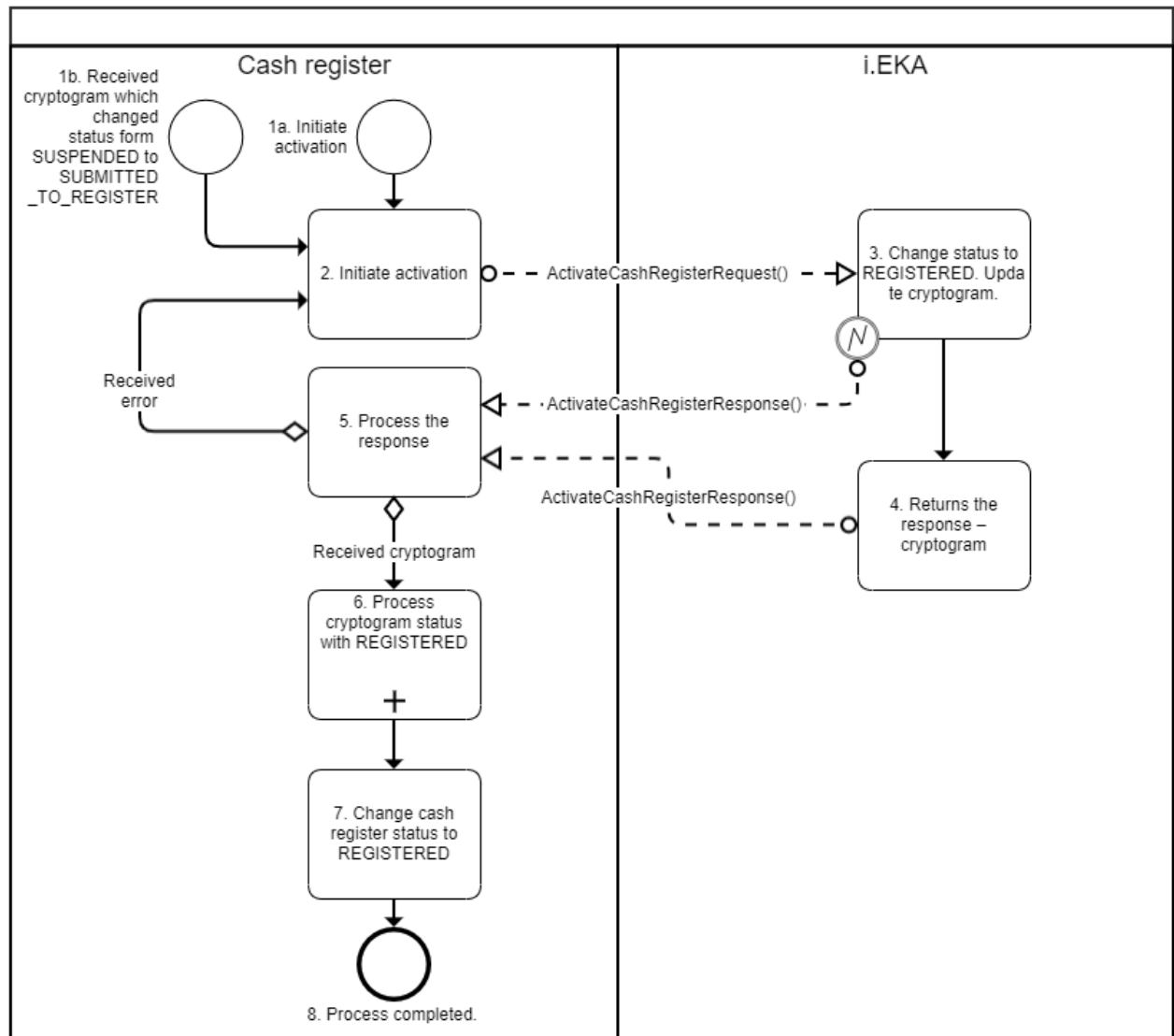
5.8.1 General description

This section describes the process of activating a suspended cash register.

Activation can be initiated by:

- the i.EKA system. Cash register receives the status SUBMITTED_TO_REGISTER in the cryptogram;
- the cash register, submitting a request for activation to i.EKA system. Activation from i.EKA is confirmed by returning the status REGISTERED in the cryptogram. The payment tool can activate itself only if the activation was initiated by a non-VMI employee.

5.8.1.1 The cash register activation process when cash register is suspended



5.8.1.2 Process description

Objective		The cash register activation when cash register is suspended.			
No	Subject	Action	Description	Boundary events	Notes
Standard procedure "Initiate activation"					
1a.	Cash register	Initiate activation	Initiate activation from cash register.	-	-
2.	Cash register	Initiate activation	Initiate activation Provides a web service method request: <i>ActivateCashRegisterRequest</i> .	-	-
3.	i.EKA system	Change status to REGISTERED. Update cryptogram.	If the request is successfully processed, it changes the status of the cash register in i.EKA to REGISTERED and updates the cryptogram.	If error accrued, with the response <i>ActivateCashRegisterResponse</i> error is provided. See step 5.	-
4.	i.EKA system	Return the response – cryptogram	Returns the response – cryptogram.	-	-

			Provides a response to the request: <i>ActivateCashRegisterResponse</i> .		
5.	Cash register	Process the response	Process the response. If received cryptogram , see step no. 6. If received error , see step no. 2.	-	If an error is received, the process is repeated, see step no 2.
6.	Cash register	Process cryptogram with status REGISTERED	Process cryptogram with status REGISTERED. See process: PR010 .	-	If the request is successful, the i.EKA system performs the following actions: 1. The record is given the status "Registered" (the cryptogram with the status REGISTERED is read, the cryptogram set is used, depending on the status of the SM certificate NO_VALID_SM_CERT, SM_CERT_NOT_ACTIVATED, SM_CERT_ACTIVATED); 2. The data is captured in the technical e-passport or in the status list (action "Initiated activation");
7.	Cash register	Process completed.	Process completed.	-	-
Standard procedure "Received cryptogram which changed status form SUSPENDED to SUBMITTED_TO_REGISTER"					
1b.	Cash register	Received cryptogram which changed status form SUSPENDED to SUBMITTED_TO_REGISTER	Received cryptogram which changed status form SUSPENDED to SUBMITTED_TO_REGISTER. See process PR010. See step no. 2.	-	-

6 VFPR007 PROCESS OF CHANGING THE STATUS OF CASH REGISTER WITH VF

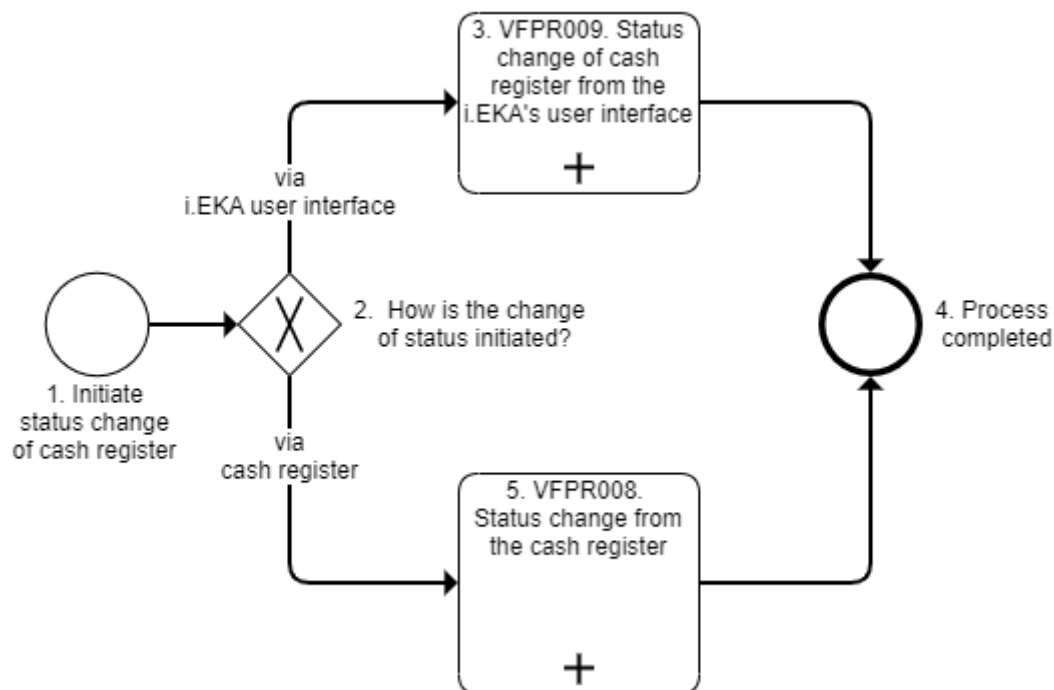
6.1 Detailed description

This section describes changing the status of a cash register (with virtual fiscalization).

Changing the status of the cash register can be initiated:

- from the cash register, transferring changes to the i.EKA system, using the web services created by i.EKA;
- by setting from the i.EKA user interface.

6.1.1 Process of changing the status of cash register with VF



6.1.2 Process description

Objective		Change status of cash register.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	User of cash register	Initiate status change of cash register	Initiates status change of cash register.	-	-
2.	User of cash register	How is the change of status initiated?	If via i.EKA user interface , see step No. 3. If via cash register , see step No. 5	-	-
Changing the status of the cash register through i.EKA user interface					
Changing the status of the cash register through i.EKA user interface		Step No. 2.			

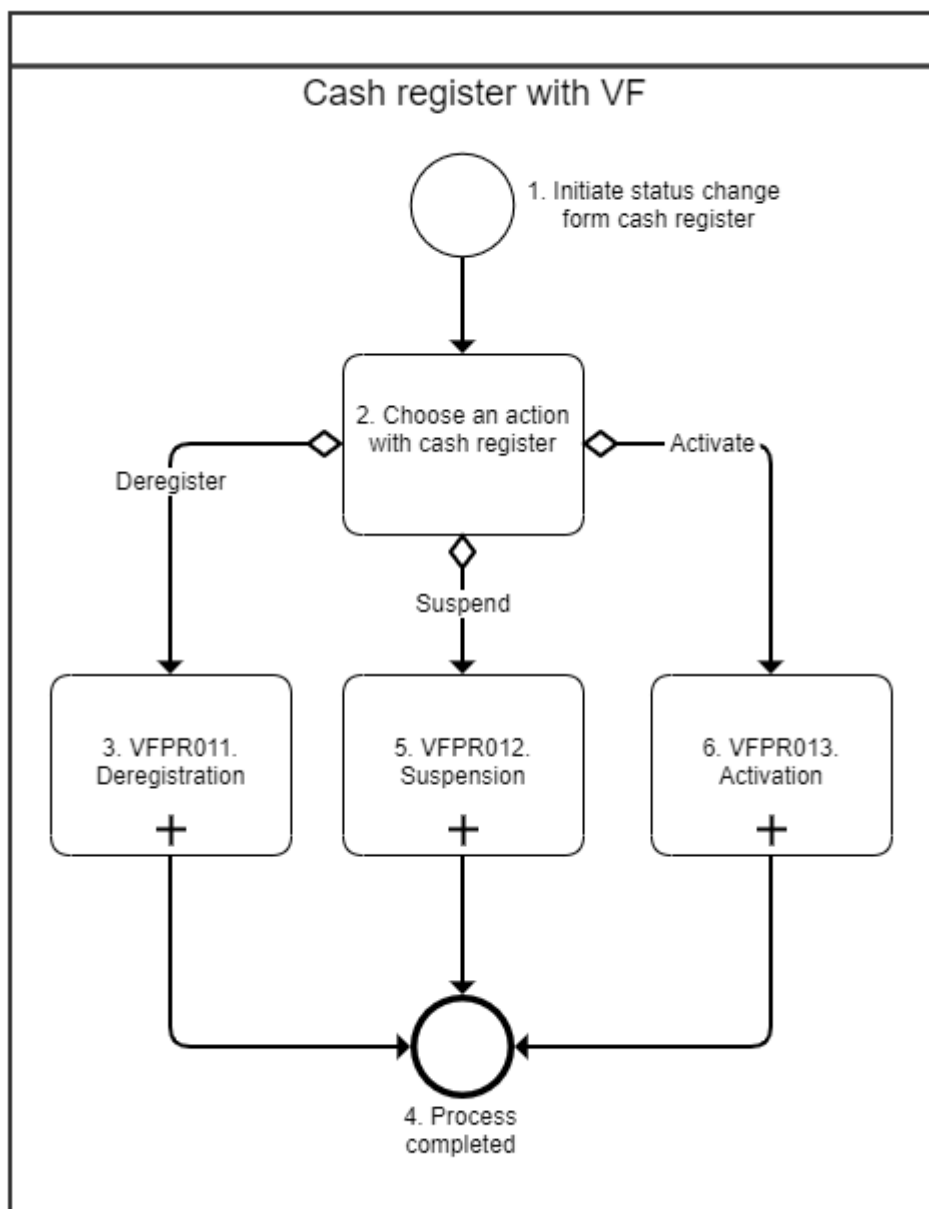
3.	User of cash register	PR009. Status change of cash register from the i.EKA's user interface	Changes status of cash register from the i.EKA's user interface See process: VFPR009 .	-	-
4.	-	Process completed	Process completed.	-	-
Changing the status of the cash register via cash register					
Changing the status of the cash register via cash register		Step No. 2.			
5.	User of cash register	VFPR008. Status change from the cash register	Status change from the cash register See. process: VFPR008 . See step No. 4 of the standard procedure.	-	-

6.2 VFPR008 Status change from the cash register with VF

6.2.1 General description

This section describes initiating a status change for a cash register (with virtual fiscalization) from a cash register. Data on status changes are transferred to the i.EKA system using web services created by i.EKA.

6.2.1.1 Status change from the cash register with VF



6.2.1.2 Process description

Purpose		To change status of cash register from the cash register with VF.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	User of cash register with VF	Initiate status change form cash register	Initiates status change form cash register	-	-
2.	User of cash register with VF	Choose an action with cash register	Chooses an action with cash register: If an action " Deregister " is selected, see step 3. If an action " Suspend " is selected, see step 5. If an action " Activate " is selected, see step 6.	-	-

Procedure for de-registration chosen					
Deregistration		Step No. 2			
3.	Cash register with VF	Deregistration	Cash register deregistration. See process: VFPR011 (1b).	-	-
4.	-	Process completed	Process completed.	-	-
Procedure for suspension chosen					
Suspension		Step No. 2			
5.	Cash register with VF	Suspension	Cash register suspension. See process: VFPR012 . See step No. 4	-	-
Procedure for activation chosen					
Activation		Step No. 2			
6.	Cash register with VF	Activation	Cash register activation. See process: VFPR013 . See step No. 4	-	Activation is only possible when the VFA is in the "Suspension" state.

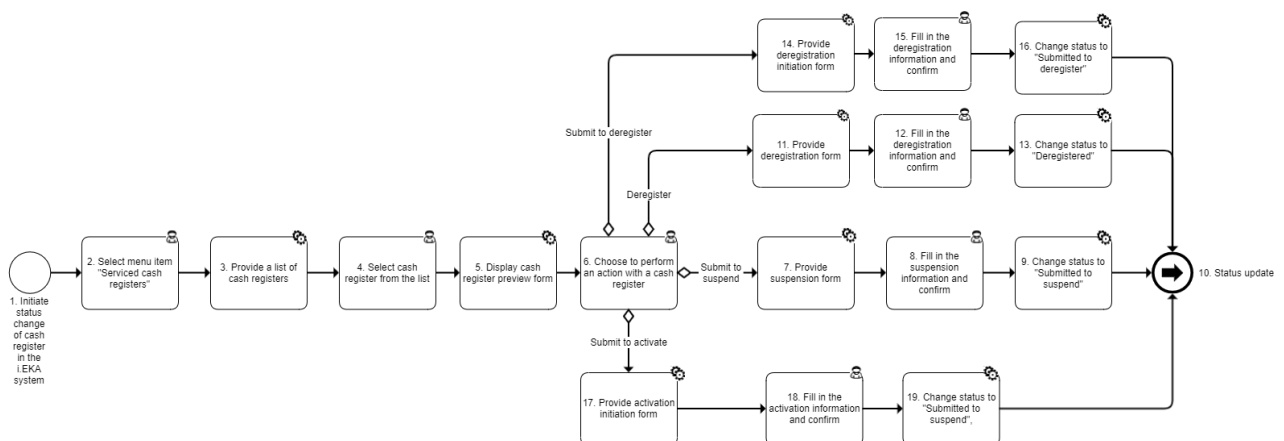
6.3 VFPR009 Change status of cash register (with VF) from the i.EKA's user interface

6.3.1 General description

This section describes the initiation of the change of status of the cash register from the i.EKA system. Data on the changed status of the cash register with VF is received by:

- virtual fiscalization when trying to sign a document;
- checking the state using the EKA003 web service method: *GetCashRegisterWithVFState*.

6.3.1.1 Status change via VFA's user interface (from i.EKA system)



6.3.1.2 Process description

Purpose		Initiate status change of cash register (with VF) in the i.EKA system.			
Prerequisites		The user is logged in to the i.EKA system as service company representative.			
No.	Subject	Action	Description	Boundary events	Notes
Standard procedure					
1.	Service company representative	Initiate status change of cash register in the i.EKA system	Initiates status change of cash register in the i.EKA system.	-	-

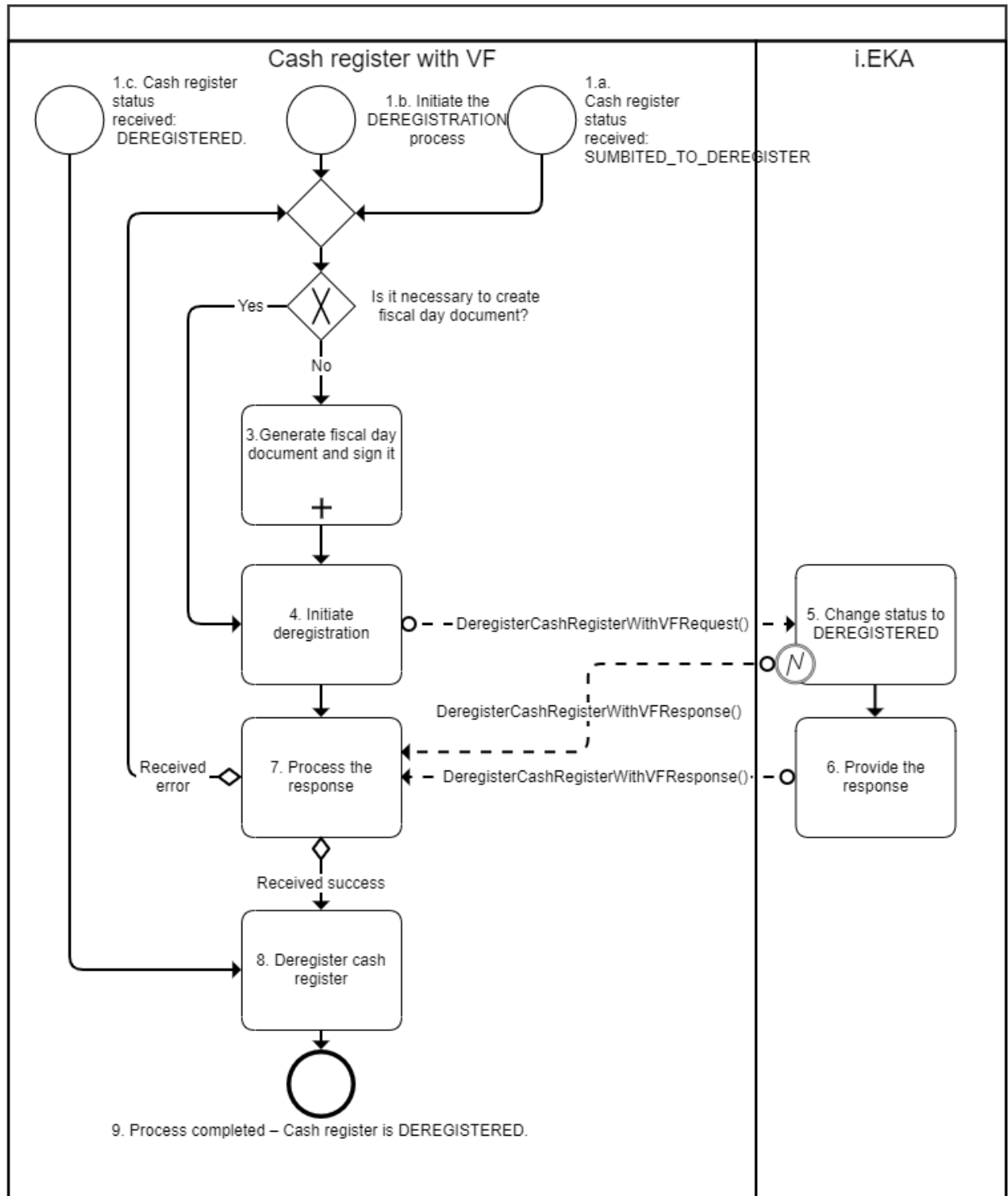
2.	Service company representative	Select menu item "Serviced cash registers"	Selects menu item "Serviced cash registers".	-	-
3.	i.EKA system	Provide a list of cash registers	Provides a list of cash registers.	-	-
4.	Service company representative	Select cash register from the list	Selects cash register from the list.	-	-
5.	i.EKA system	Display cash register preview form	Displays cash register registration information preview form.	-	-
6.	Service company representative	Choose to perform an action with a cash register	Choose to perform an action with a cash register. If choose Submit to suspend , see step no 7. If choose Deregister , see step no 11. If choose Submit to deregister , see step no 14. If choose Submit to activate , see step no 17.	-	-
Submit to suspend					
Submit to suspend		Step no 6.			
7.	i.EKA system	Provide suspension form	Provides suspension form.	-	-
8.	Service company representative	Fill in the suspension information and confirm	Fills in the suspension information and confirms.	-	-
9.	i.EKA system	Change status to "Submitted to suspend"	Changes cash register status to "Submitted to suspend".	-	-
10.	Service company representative	Status update	Status update. See processes VFPR010, VFPR011 and VFPR012.	-	-
Deregistration initiation					
Deregistration initiation		Step no 6.			
11.	i.EKA system	Provide deregistration form	Provides deregistration form.	-	-
12.	Service company representative	Fill in the deregistration information and confirm	Fills in the deregistration information and confirms.	-	-
13.	i.EKA system	Change status to "Deregistered"	Changes cash register status to "Deregistered". See step no 10.	-	-
Deregistration					
Deregistration		Step no 6.			
14.	i.EKA system	Provide deregistration initiation form	Provides deregistration initiation form.	-	-
15.	Service company representative	Fill in the deregistration information and confirm	Fills in the deregistration information and confirms.		
16.	i.EKA system	Change status to "Submitted to deregister"	Changes cash register status to "Submitted to deregister". See step no 10.		
Activation initiation					
Activation initiation		Step no 6.			
17.	i.EKA system	Provide activation initiation form	Provides activation initiation form.	-	-
18.	Service company representative	Fill in the activation information and confirm	Fills in the activation information and confirms.	-	-
19.	i.EKA system	Change status to "Submitted to suspend"	Changes cash register status to "Submitted to suspend". See step no 10.	-	-

6.4 VFPR010 Cash register (with VF) deregistration process

6.4.1 General description

This section describes the process of deregistering a cash register with VF. A deregistered cash register cannot be used.

6.4.1.1 Cash register (with VF) deregistration process



6.4.1.2 Process description

Objective	To deregister cash register with VF.

Nr.	Subject	Action	Description	Boundary events	Notes
Standard procedure „Cash register status received: SUBMITTED_TO_DEREGISTER“					
1a.	Cash register with VF	Cash register status received: SUBMITTED_TO_DEREGISTER	Cash register receives status: SUBMITTED_TO_DEREGISTER Changed status, cash register (with VF) can be received by: - virtual fiscalization, when trying to sign a document; - checking the state using the EKA003 web service method: <i>GetCashRegisterWithVFState</i>.	-	-
2.	Cash register with VF	Is it necessary to create fiscal day document?	Verifies if the last generated and signed document is the fiscal day document. Checks if it is necessary to create fiscal day document. If yes, the fiscal day should be generated, see step no 3. If no, see step no 4.	-	-
3.	Cash register with VF	Generate fiscal day document and sign it	Generates fiscal day document and signs it in virtual fiscalization.	-	-
4.	Cash register with VF	Initiate deregistration	Initiate deregistration. Provides a web service method request: <i>DeregisterCashRegisterWithVFResponse</i> .	-	-
5.	i.EKA system	Change status to DEREGISTERED	If the request is successfully processed, it changes the status of the cash register in i.EKA to DEREGISTERED.	If error accrued, with the response <i>DeregisterCashRegisterWithVFResponse</i> error is provided. See step 7.	-
6.	i.EKA system	Provide the response	Provides a response to the request: <i>DeregisterCashRegisterWithVFResponse</i> .	-	-
7.	Cash register with VF	Process the response	Process the response. If received success , see step no. 8. If received error , see step no. 1.	If an error is received, the process is repeated, see step no 1.	-
8.	Cash register with VF	Deregister cash register	Deregisters (deactivates) the cash register. Cash register can no longer be used.	-	-
9.	Cash register with VF	Process completed – Cash register is DEREGISTERED.	Process completed – Cash register is DEREGISTERED.	-	-
Standard procedure "Deregistration is initiated from cash register"					
1b.	Cash register with VF	Initiate the DEREGISTRATION process	Deregistration is initiated from cash register. See step 2.	-	-
Standard procedure „Cash register status received: DEREGISTERED“					
1c.	Cash register	Cash register status received: DEREGISTERED.	The response received indicating that cash register has been DEREGISTERED. See step no. 8.	-	-

	with VF				

6.5 VFPR011 Suspension of cash register (with VF)

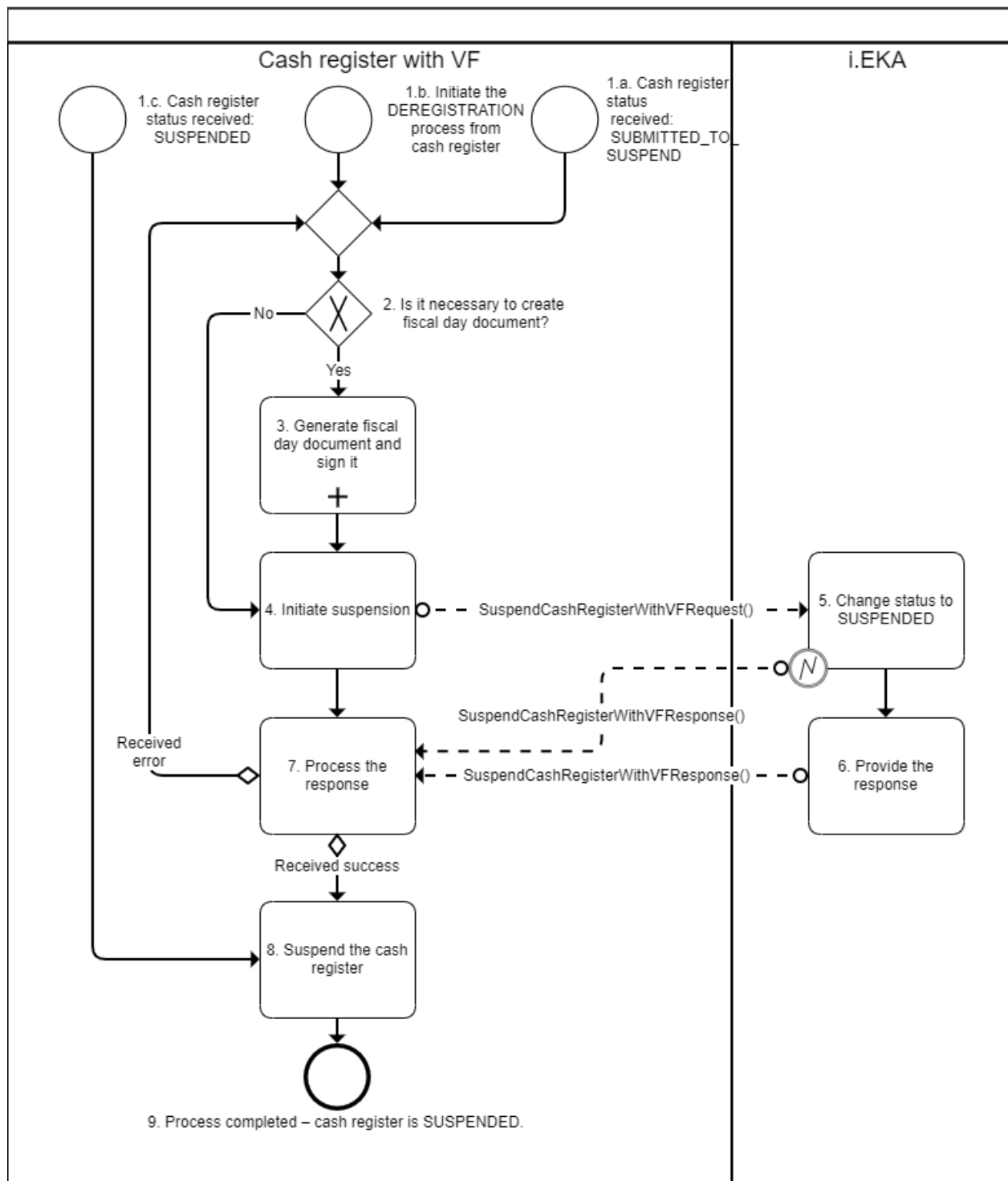
6.5.1 General description

This section describes the process of suspending a cash register with VF. A suspended cash register cannot be used until it is activated.

Changed status, cash register (with VF) can received by:

- virtual fiscalization, when trying to sign a document;
- checking the state using the EKA003 web service method: *GetCashRegisterWithVFState*.

6.5.1.1 Suspension of cash register (with VF) process



6.5.1.2 Description of the process

Objective		To suspend the cash register with VF.			
No	Subject	Action	Description	Boundary events	Notes
Standard procedure "Cash register status received: SUBMITTED TO SUSPEND"					

1a.	Cash register with VF	Cash register status received: SUBMITTED_TO_SUSPEND	Cash register receives status: SUBMITTED_TO_SUSPEND. Changed status, cash register (with VF) can received by: - virtual fiscalization, when trying to sign a document; - checking the state using the EKA003 web service method: <i>GetCashRegisterWithVFState</i>.	-	-
2.	Cash register with VF	Is it necessary to create fiscal day document?	Verifies if the last generated and signed document is the fiscal day document. Checks if it is necessary to create fiscal day document. If yes, the fiscal day should be generated, see step no 3. If no, see step no 4.	-	-
3.	Cash register with VF	Generate fiscal day document and sign it	Generates fiscal day document and signs it in virtual fiscalization.	-	-
4.	Cash register with VF	Initiate suspension	Initiates deregistration. Provides a web service method request: <i>SuspendCashRegisterWithVFResponse</i> .	-	-
5.	i.EKA system	Change status to SUSPENDED	If the request is successfully processed, it changes the status of the cash register in i.EKA to SUSPENDED.	If error accrued, with the response <i>SuspendCashRegisterWithVFResponse</i> error is provided. See step 7.	-
6.	i.EKA system	Provide the response	Provides a response to the request: <i>SuspendCashRegisterWithVFResponse</i> .	-	-
7.	Cash register with VF	Process the response	Process the response. If received success , see step no. 8. If received error , see step no. 1.	If an error is received, the process is repeated, see step no 1.	-
8.	Cash register with VF	Suspend the cash register	Suspend the cash register. A suspended cash register cannot be used until it is activated.	-	-
9.	Cash register with VF	Process completed – cash register is SUSPENDED.	Process completed – cash register is SUSPENDED.	-	-
Standard procedure "Initiate the SUSPENSION process from cash register"					
1b.	Cash register with VF	Initiate the SUSPENSION process from cash register	Suspension is initiated from cash register. See step 2.	-	-
Standard procedure "Cash register status received: SUSPENDED"					
1c.	Cash register	Cash register status received: SUSPENDED	The response received indicating that cash register has been SUSPENDED.	-	-

	with VF		Changed status, cash register (with VF) can received by: • virtual fiscalization, when trying to sign a document; • checking the state using the EKA003 web service method: <i>GetCashRegisterWithVFState</i>. See step no. 8.		

6.6 VFPR012 The cash register (with VF) activation when cash register is suspended

6.6.1 General description

This section describes the process of activating a cash register with VF after suspension. The activated cash register can be used again.

Changed status, cash register (with VF) can received by:

- virtual fiscalization, when trying to sign a document;
- checking the state using the EKA003 web service method: *GetCashRegisterWithVFState*.

6.6.1.1 The cash register (with VF) activation process when cash register is suspended

74

	ter with VF		Provides a web service method request: <i>ActivateCashRegisterWithVFReq uest.</i>		
3.	i.EKA syste m	Change status to REGISTERED	If the request is successfully processed, it changes the status of the cash register in i.EKA to REGISTERED.	If error accrued, with the response <i>ActivateCashRegisterWithVFRes ponse</i> error is provided. See step no. 5.	-
4.	i.EKA syste m	Provide the response	Provides a response to the request: <i>ActivateCashRegisterWithVFRes ponse.</i>	-	-
5.	Cash regis ter with VF	Analyze the response that was received	Process the response. If received success , see step no. 6. If received error , see step no. 1.	If an error is received, see step no. 1.	-
6.	Cash regis ter with VF	Activate the cash register	Activates the cash register and its operations. Cash register can be used and sign new documents (receipts).	-	-
7.	Cash regis ter with VF	Process completed - cash register is activated	Process completed - cash register is activated.	-	-
Standard procedure "Initiate the activation process from cash register"					
1b.	Cash regis ter with VF	Initiate the activation process from cash register	Initiates the activation process from cash register. See step no. 2.	-	-
Standard procedure "Cash register status received: REGISTERED"					
1c.	Cash regis ter with VF	Cash register status received: REGISTERED	The response received indicating that cash register has been REGISTERED. Changed status, cash register (with VF) can received by: - virtual fiscalization, when trying to sign a document; - checking the state using the EKA003 web service method: <i>GetCashRegister WithVFState.</i> See step no. 6.	-	-

7 WEB SERVICES FOR REGISTER AND MANAGING THE CASH REGISTERS

7.1 Table of contents

- AI001. Web services of the service companies' information and cryptographic certificate management component
- AI002. Web services for servicing cash registers
- EKA002. Web services for the management of cash register (with SM)
- EKA003. Web services for the management of cash register (with VF)

7.2 AI001. Web services of the service companies' information and cryptographic certificate management component

7.2.1 Interface specification

Title	Web services of the service companies' information and cryptographic certificate management component
Interface implementation method	Web service
Web service URL address	Tasks web service environment URL addresses: Production environment – https://ieka-ws.vmi.lt/services/v1/serviceCompanyWs?wsdl Demo environment – https://ieka-ws-demo.vmi.lt/services/v1/serviceCompanyWs?wsdl
Web service description	The document provides descriptions of web services that are intended for service companies to perform the following functions: 1. Get the i.EKA cryptogram certificate with public key. 2. Get information about the data of the service company (information on the activity certificate (issued by the expert company), serviced models, certified employees and their serviced cash register models). 3. Provide information about crossed out employee from service company certified employees list. 4. Get Intermediate Security Modules (CA) certificate. 5. Get an Intermediate Data Module (CA) certificate. 6. Cancel Intermediate Security Modules (CA) certificate. 7. Cancel Intermediate Data Module (CA) certificate 8. Get information on all models of payment instruments (cash registers) registered in the i.EKA system.
Purpose	Get information about the service company and manage the cryptographic certificates of the service company.
Description	Method GetCertificatePublicKey – method to get the i.EKA cryptogram certificate with public key. Method GetServiceOrganizationData – method to get information about the data of the service company (information on the activity certificate (issued by the expert company), serviced models, certified employees and their serviced cash register models). Method ProvideInfoToCrossedOutEmployeeCertificate – method for notifying about crossed out employee from service company certified employees list. Method GetSecurityModuleIntermediateCertificate – method to get (issue) a new Intermediate Security Modules (CA) certificate. Method GetTransportModuleIntermediateCertificate – method to get (issue) a new Intermediate Data Module (CA) certificate. Method CancelSecurityModuleIntermediateCertificate – method to cancel Intermediate Security Modules (CA) certificate. Method CancelTransportModuleIntermediateCertificate – method to cancel Intermediate Data Module (CA) certificate. Method GetCashRegisterModels – method to get all models of cash registers that are registered in the i.EKA system.

7.2.2 Security

Web service client authentication is done using the SSL Client Certificate Authentication mechanism as well as the TLS protocol - version 1.2 or 1.3.

The web service identifies itself by presenting a certificate issued by a trusted certificate authority (CA) (CN=ieka-ws.vmi.lt). The client identifies themselves by presenting a certificate, the public key of which is registered in i.EKA.

Each service company may have more than one registered certificate. Service company certificates are submitted, approved and registered on the i.EKA portal. Actions can be performed by persons representing the service company with established rights. The certificate is registered in the i.EKA menu item "Cryptographic certificates", certificate type: **Service company identification certificate**.

7.2.3 Method GetCertificatePublicKey

Description	Method to get the i.EKA cryptogram certificate with public key. This is the public key of the i.EKA certificate, which is used to encrypt i.EKA cryptograms.
Call parameters	Structure GetCertificatePublicKeyRequest
Results	Structure GetCertificatePublicKeyResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.3.1 Structure GetCertificatePublicKeyRequest

An empty request provided. The request service company is identified by the service company identification certificate provided.

7.2.3.2 Structure GetCertificatePublicKeyResponse

Title	Type	Length	Required	Description
certificatePublicKey	base64	-	Yes	A valid i.EKA certificate public key is provided in PEM file format.
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the transaction status value is ERROR.

7.2.4 Method GetServiceOrganizationData

Description	method to get information about the data of the service company (information on the activity certificate (issued by the expert company), serviced models, certified employees and their serviced cash register models). The data is provided only in relation to the service company that requests the service. The service company, whose data must be provided, are determined from the service company identification certificate provided. Information is returned only when the status of the service company is "Included".
Call parameters	Structure GetServiceOrganizationDataRequest
Results	Structure GetServiceOrganizationDataResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.4.1 Structure GetServiceOrganizationDataRequest

An empty request is returned. The service company, whose data must be provided, are determined from the service company identification certificate provided.

7.2.4.2 Structure GetServiceOrganizationDataResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the transaction status value is ERROR.
certificateNo	string	250	No	Service company activity certificate (issued by an expert company).
certificateValidFrom	date	-	No*	Date from which the service certificate is valid. * Required if certificateNo ≠ null.
certificateValidTo	date	-	No*	Date until which the service certificate is valid. * Required if certificateNo ≠ null.
cashRegisterModels	Structure ServicedCashRegisterModels	-	No	Models of payment instruments (cash registers) served by the service company.
certifiedEmployees	Structure CertifiedEmployees	-	No	Certified employees of the service company.
securityModuleIntermediateCertificates	Structure Certificates	-	No	Information on intermediate cryptographic certificates issued to the service company (for the preparation of security modules of cash registers).
transportModuleIntermediateCertificates	Structure Certificates	-	No	Information on intermediate cryptographic certificates issued to the service company (for the preparation of cash register transport modules).

7.2.4.2.1 Structure ServicedCashRegisterModels

Title	Type	Length	Required	Description
cashRegisterModel	Structure ServicedCashRegisterModel	-	1..n	Payment instrument models.

7.2.4.2.2 Structure ServicedCashRegisterModel

Title	Type	Length	Required	Description
state	enum	-	Yes	Status of the serviced payment instrument (cash register) model in the context of the service company/service company employee. Possible values: - VALID - CROSSED_OUT Entries with "CANCELLED" status are not returned.
validFrom	date	-	Yes	The date on which the payment instrument (cash register) model was added to the service company/employee. The "Inclusion" element group contains the date from the "Document Date" element.
validTo	date	-	No	The date when the payment instrument (cash register) model was deleted for the service company/employee. In

Title	Type	Length	Required	Description
				the "Excluded" group of elements, the date from the "Document date" element is specified.
cashRegisterModel	Structure CashRegisterModel	-	1	Models of payment instruments (cash register) served by the service company.

7.2.4.2.3 Structure CashRegisterModels

Title	Type	Length	Required	Description
cashRegisterModel	Struktūra CashRegisterModel	-	1..n	Payment instrument (cash register) models serviced.

7.2.4.2.4 Structure CashRegisterModel

Title	Type	Length	Required	Description
state	enum	-	Yes	Status of the payment instrument (cash register) model serviced. Possible values: • VALID • SUSPENDED • CROSSED_OUT Entries with other statuses are not returned.
modelNo	long	-	Yes	Payment instrument model number.
modelCategory	string	250	Yes	Security module type from PAYMENT_INSTRUMENT_CATEGORY classifier: • Cash register - CASH_REGISTER • Digital cash register - COMPUTER_CASH_REGISTER • Hotel and catering cash register - HOTEL_AND_CATERING_CASH_REGISTER • Gas station cash register - GAS_STATION_CASH_REGISTER • Pharmacy cash register - PHARMACY_CASH_REGISTER • Transport cash register - TRANSPORT_CASH_REGISTER • Digital POS machine - ELECTRONIC_VENDING_MACHINE • Mechanical POS machine - MECHANICAL_VENDING_MACHINE • Digital money counter - ELECTRONIC_MONEY_CALCULATOR • Mechanical money counter - MECHANICAL_MONEY_CALCULATOR • Taximeter printer - TAXIMETER_PRINTER • Taximeter - TAXIMETER • Direct connection computer network terminal - NETWORK_TERMINAL
modelType	string	250	Yes	Security module type from PAYMENT_INSTRUMENT_TYPE classifier: • Cash register with security module - SAFETY_MODULE • Cash register with virtual fiscalization - VIRTUAL_FISCALIZATION • Terminal (autonomous) - AUTONOMOUS_TERMINAL • Taximeter (autonomous) - AUTONOMOUS_TAXIMETER • Taximeter printer (autonomous) - AUTONOMOUS_TAXIMETER_PRINTER • Cash register (autonomous) - AUTONOMOUS • Sale, service, vending machine (autonomous) - AUTONOMOUS_AUTOMATION

Title	Type	Length	Required	Description
modelFullName	string	250	Yes	Full name of the payment instrument (cash register) model. Format: <Full model name>. With security module: <Type>,<Security module name> (<security module number>). Example: 1 48. HSelf-16 with fiscal block EMPIRIJA FB 15HC. With security module: HSM, Entrust nShield HSMi (Nr. 12). Example: 2 554. Self-15 with fiscal block EMPIRIJA FB 14HC. Example: 3 771 HSelf-16 EMPIRIJA 16HC. With security module: Virtual, Virtual security (Nr. 41).
securityModuleType	string	250	No*	Security module type from SECURITY_MODULE_TYPE classifier: • HSM • Not integrated • Integrated * Provided when model has security module.
securityModuleName	string	250	No*	Security module name. * Provided when model has security module.
cashRegisterHardwareVersions	Structure Versions	-	No	Hardware versions of the payment instrument (cash register) model.
cashRegisterSoftwareVersions	Structure Versions	-	No	Software versions of the payment instrument (cash register) model.
securityModuleHardwareVersions	Structure Versions	-	No	Hardware versions of the security module used by the payment instrument (cash register) model.
securityModuleSoftwareVersions	Structure Versions	-	No	Software versions of the security module used by the payment instrument (cash register) model.
validFrom	date	-	Yes	Date from which the model is added to the list of approved payment instruments (cash registers) list. The "Inclusion" element group contains the date from the "Document Date" element.
validTo	date	-	No	Date from which the model is removed from the list of approved payment instruments (cash registers). The "Delete" element group contains the date from the "Document Date" element.

7.2.4.2.5 Structure Versions

Title	Type	Length	Required	Description
version	Structure Version	-	1..n	Versions.

7.2.4.2.6 Structure Version

Title	Type	Length	Required	Description
id	long	-	Yes	Version identifier.
versionName	string	250	Yes	Version name.
description	string	250	Yes	Version description.
validFrom	date	-	Yes	Date from which the version is valid for the model.
validTo	date	-	No	Date until which the version is valid for the model.

7.2.4.2.7 Structure CertifiedEmployees

Title	Type	Length	Required	Description
employee	Structure CertifiedEmployee	-	1..n	Employees.

7.2.4.2.8 Structure CertifiedEmployee

Title	Type	Length	Required	Description
id	long	-	Yes	Employee identifier.

Title	Type	Length	Required	Description
personCode	string	19	Yes	Personal identification number.
name	string	250	Yes	Employee first name.
surname	string	250	Yes	Employee last name.
state	enum	-	Yes	The status of the certified employee record for the service company. Possible values: - VALID - PROVIDED_TO_CROSSED_OUT - CROSSED_OUT Entries with the status "DRAFT" and "CANCELLED" are not returned.
certificateNo	string	250	Yes	Employee certificate number.
certificateValidFrom	date	-	Yes	Date from which the employee certificate is valid.
certificateValidTo	date	-	No	Date from which the employee is deleted. In the "Delete" group of elements, the date from the "Document date" element is specified.
cashRegisterModels	Structure ServicedCashRegisterModels	-	No	Payment instrument (cash registers) models serviced by the employee of the service company.

7.2.4.2.9 Structure Certificates

Title	Type	Length	Required	Description
certificate	Structure Certificate	-	1..n	Certificates.

7.2.4.2.10 Structure Certificate

Title	Type	Length	Required	Description
id	long	-	Yes	Unique identifier contained in the certificate.
validFrom	date	-	Yes	Date from which the certificate is valid.
validTo	date	-	Yes	Date until which the certificate is valid.
remarks	string	250	No	Remark (indicated by the service company itself).

7.2.5 Method ProvideInfoToCrossedOutEmployeeCertificate

Description	Method for notifying about crossed out employee from service company certified employees list. After submitting the information, "Submitted for cross out" status is marked for the employee of the service company in the i.EKA system. The service company (whose employee certificate is to be revoked) is determined from the service company identification certificate provided in the request.
Call parameters	Structure ProvideInfoToCrossedOutEmployeeCertificateRequest
Results	Structure ProvideInfoToCrossedOutEmployeeCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.5.1 Structure ProvideInfoToCrossedOutEmployeeCertificateRequest

Title	Type	Length	Required	Description
id	long	-	Yes	Employee identifier in the service company. ID provided by the i.EKA system.

7.2.5.2 Structure ProvideInfoToCrossedOutEmployeeCertificateResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR If the employee submitted for deletion has the status of "Submitted for Deletion", SUCCESS value is displayed.
providedInfoToCrossedOutDate	dateTime	-	No*	Returns the date and time the employee was given the status of "Submitted for Deletion".

Title	Type	Length	Required	Description
				* Required if the operation status value is SUCCESS.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.2.6 Method GetSecurityModuleIntermediateCertificate

Description	Method to get (issue) a new Intermediate Security Modules (CA) certificate. Intermediate Security Modules (CA) certificate – The CA type certificate is intended for service companies to prepare the security modules of the payment instrument. Intermediate certificate on the basis of which the service company approves the safety certificates for the equipment. The service company (to which the certificate is issued) is determined from the service company identification certificate provided in the request.
Call parameters	Structure GetSecurityModuleIntermediateCertificateRequest
Results	Structure GetSecurityModuleIntermediateCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.6.1 Structure GetSecurityModuleIntermediateCertificateRequest

Title	Type	Length	Required	Description
remarks	string	250	No	Remarks (addressed to the service company itself).
csrFile	base64	-	Yes	File in CSR format. Requirements. - correct PKCS#10 certificate request - RSA type - key length: 2048 bit - hash: SHA256.

7.2.6.2 Structure GetSecurityModuleIntermediateCertificateResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.
id	long	-	No*	Unique certificate ID. * Required if the operation status value is SUCCESS.
certificateFile	base64	-	No*	File in CRT format. Intermediate security certificate (CA). * Required if the operation status value is SUCCESS.

7.2.7 Method GetTransportModuleIntermediateCertificate

Description	Method to get (issue) a new Intermediate Data Module (CA) certificate. Intermediate Data Module (CA) certificate – The CA type certificate is intended for service companies to prepare the data transmission (transport) modules of the payment instrument. An intermediate certificate on the basis of which the service company approves the data transfer certificates used in the payment instrument. The service company (to which the certificate is issued) is determined from the service company identification certificate provided in the request.
Call parameters	Structure GetTransportModuleIntermediateCertificateRequest
Results	Structure GetTransportModuleIntermediateCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.7.1 Structure GetTransportModuleIntermediateCertificateRequest

Title	Type	Length	Required	Description
remarks	string	250	No	Remarks (addressed to the service company itself).
csrFile	base64	-	Yes	File in CSR format. Requirements: • correct PKCS#10 certificate request • RSA type • key length: 2048 bit • hash: SHA256.

7.2.7.2 Structure GetTransportModuleIntermediateCertificateResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: • SUCCESS • ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.
id	long	-	No*	Unique certificate ID. * Required if the operation status value is SUCCESS.
certificateFile	base64	-	No*	File in CRT format. Intermediate security certificate (CA). * Required if the operation status value is SUCCESS.

7.2.8 Method CancelSecurityModuleIntermediateCertificate

Description	Method to cancel Intermediate Security Modules (CA) certificate. Intended for revoking your existing certificate after it has been lost, made public or otherwise compromised. The service company must not use this certificate from the moment it is compromised. i.EKA will register cancellation (invalidation) from the moment of successful notification using this method. The service company (whose certificate is being revoked) is determined from the service company identification certificate provided in the request.
Call parameters	Structure CancelSecurityModuleIntermediateCertificateRequest
Results	Structure CancelSecurityModuleIntermediateCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.8.1 Structure CancelSecurityModuleIntermediateCertificateRequest

Title	Type	Length	Required	Description
id	long	-	Yes	Certificate ID. The ID of the certificate being revoked.

7.2.8.2 Structure CancelSecurityModuleIntermediateCertificateResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: • SUCCESS • ERROR If revoking a certificate that has already been revoked, SUCCESS is returned.
cancelDate	dateTime	-	No*	Returns the date and time when the certificate was revoked. I.e. the date and time when the certificate was given the "Revoked" status. * Required if the operation status value is SUCCESS.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.2.9 Method *CancelTransportModuleIntermediateCertificate*

Description	Method to cancel Intermediate Data Module (CA) certificate. Intended for revoking your existing certificate after it has been lost, made public or otherwise compromised. The service company must not use this certificate from the moment it is compromised. i.EKA will register cancellation (invalidation) from the moment of successful notification using this method. The service company (whose certificate is being revoked) is determined from the service company identification certificate provided in the request.
Call parameters	Structure CancelTransportModuleIntermediateCertificateRequest
Results	Structure CancelTransportModuleIntermediateCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.9.1 Structure *CancelTransportModuleIntermediateCertificateRequest*

Title	Type	Length	Required	Description
id	long	-	Yes	Certificate ID. The ID of the certificate being revoked.

7.2.9.2 Structure *CancelTransportModuleIntermediateCertificateResponse*

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR If revoking a certificate that has already been revoked, SUCCESS is returned.
cancelDate	dateTime	-	No*	Returns the date and time when the certificate was revoked. I.e. the date and time when the certificate was given the "Revoked" status. * Required if the operation status value is SUCCESS.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.2.10 Method *GetCashRegisterModels*

Description	Method intended to return all models registered in the i.EKA system. Records with status "Cancelled" and "Draft" are not returned.
Call parameters	Structure GetCashRegisterModelsRequest
Results	Structure GetCashRegisterModelsResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.2.10.1 Structure *GetCashRegisterModelsRequest*

An empty request is provided. The service company making the request is identified from the service company identification certificate provided.

7.2.10.2 Structure *GetCashRegisterModelsResponse*

Title	Type	Length	Required	Description
cashRegisterModels	Structure CashRegisterModels	-	No*	Payment instrument models. * Provided if the operation status value is SUCCESS.
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.2.10.3 Structure Error

Title	Type	Length	Required	Description
errorCode	string	250	Yes	Error code, see Errors.
descriptions	Structure Descriptions	-	Yes	Error description.

7.2.10.4 Structure Descriptions

Title	Type	Length	Required	Description
description	Structure Description	-	1..2	Error description in Lithuanian and English.

7.2.10.5 Structure Description

Title	Type	Length	Required	Description
locale	enum	-	Yes	An attribute specifying the language of the mismatch message. Attribute Values: - EN - mismatch notice in English. - LT - mismatch notice in Lithuanian.
errorMessage	string	4000	Yes	Error message (description).

7.2.11 Errors

Error code	Error description	Error reason	Methods featuring error
CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
SERVICE_COMPANY_NOT_FOUND	Request is not available. The service company is not listed as a service company.	Request is submitted by a service company which is no longer included (with the status "Included") in the list of service companies. i.e. has the status 'Excluded' or 'Cancelled'.	Relevant for all described methods.
EMPLOYEE_NOT_FOUND	The specified certified employee was not found.	When submitting a request to submit an employee for deletion, when the certified worker (by id) is not found against the service company with the status "Included" or "Submitted for deletion".	Method ProvideInfoToCrossedOutEmployeeCertificate
CSR_FILE_ERROR_PKCS10	Incorrect CSR file. Incorrect PKCS#10 certificate request.	Submitting an incorrect CSR file to obtain a cryptographic certificate. Incorrect PKCS#10 certificate request.	Method GetSecurityModuleIntermediateCertificate Method GetTransportModuleIntermediateCertificate
CSR_FILE_ERROR_RSA_TYPE	Incorrect CSR file. Request is not of RSA type.	Submitting an incorrect CSR file to obtain a cryptographic certificate. Request is not of RSA type.	Method GetSecurityModuleIntermediateCertificate Method GetTransportModuleIntermediateCertificate

Error code	Error description	Error reason	Methods featuring error
CSR_FILE_ERROR_2048_BIT	Incorrect CSR file. Key length is not 2048 bit.	Submitting an incorrect CSR file to obtain a cryptographic certificate. Key length is not 2048 bit.	Method GetSecurityModuleIntermediateCertificate Method GetTransportModuleIntermediateCertificate
CSR_FILE_ERROR_SHA256	Incorrect CSR file. Hash function not SHA256.	Submitting an incorrect CSR file to obtain a cryptographic certificate. Hash function not SHA256.	Method GetSecurityModuleIntermediateCertificate Method GetTransportModuleIntermediateCertificate
CERTIFICATE_NOT_FOUND	Certificate with the given ID is not found.	Upon submission of a request to revoke a certificate, when a corresponding type of certificate for the service company is not found according to the specified ID.	Method CancelSecurityModuleIntermediateCertificate Method CancelTransportModuleIntermediateCertificate
NO_VMI_CERTIFICATE	There is no valid STI certificate public key. Please contact STI administrator.	There is no valid STI certificate for signing cryptograms.	Method GetCertificatePublicKey
UNKNOWN_ERROR	Unknown error.	Upon submitting a request when an unknown (unexpected) error occurs.	Relevant for all described methods.

7.2.12 Service WSDL

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<wsdl:definitions xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:tns="http://service-
company.ieka.vmi.lt" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:ns1="http://schemas.xmlsoap.org/soap/http" name="ServiceCompanyWebService"
targetNamespace="http://service-company.ieka.vmi.lt">
<wsdl:types>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://service-
company.ieka.vmi.lt" attributeFormDefault="unqualified" elementFormDefault="qualified"
targetNamespace="http://service-company.ieka.vmi.lt" version="1.0">
<xs:complexType name="CancelSecurityModuleIntermediateCertificateRequest">
<xs:sequence>
<xs:element name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CancelSecurityModuleIntermediateCertificateResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS, ERROR.
Jei anuliuojamas sertifikatas, kuris jau buvo anuliuotas, gražinama reikšmė
SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cancelDate" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Grazinama data ir laikas, kada anuliuotas
sertifikatas. T. y. data ir laikas, kada sertifikatui suteikta būsena „Anuliuotas“.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Error">
<xs:sequence>
<xs:element name="errorCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos kodas.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
```



```

</xs:element>
<xs:element name="descriptions">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="2" name="description" type="tns:Description">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai lietuvių ir anglų
kalbomis.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Description">
<xs:sequence>
<xs:element name="locale" type="tns:Locale">
<xs:annotation>
<xs:documentation xml:lang="lt">Atributas, nurodantis neatitikties pranešimo kalbą.
Atributo reikšmės: EN, LT.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="errorMessage">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos pranešimas (aprašas).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="4000"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetSecurityModuleIntermediateCertificateRequest">
<xs:sequence>
<xs:element minOccurs="0" name="remarks">
<xs:annotation>
<xs:documentation xml:lang="lt">Pastaba (skirta pačiai aptarnavimo
įmonei).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="csrFile" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">CSR failas. Reikalavimai: korektiška PKCS#10
sertifikato užklausa, RSA tipas, rakto ilgis: 2048 bit, maišos funkcija (angl. hash):
SHA256.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetSecurityModuleIntermediateCertificateResponse">

```

```

<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="certificateFile" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Failas CRT formatu. Tarpinis saugos (CA) sertifikatas.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetCertificatePublicKeyRequest">
<xs:sequence/>
</xs:complexType>
<xs:complexType name="GetCertificatePublicKeyResponse">
<xs:sequence>
<xs:element minOccurs="0" name="certificatePublicKey" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Pateikiamas galiojantis i.EKA sertifikatas su viešuoju
raktu. Pateikiamas failas koduotas DER formatu. Privalomas, jei operacijos statuso
reikšmė - SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CancelTransportModuleIntermediateCertificateRequest">
<xs:sequence>

```

```

<xs:element name="certID">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
    pateikiamas decimal formatu.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="250"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CancelTransportModuleIntermediateCertificateResponse">
  <xs:sequence>
    <xs:element name="status" type="tns:OperationStatus">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS, ERROR.
        Jei anuliuojamas sertifikatas, kuris jau buvo anuliuotas, gražinama reikšmė
        SUCCESS.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element minOccurs="0" name="cancelDate" type="xs:dateTime">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Grazinama data ir laikas, kada anuliuotas
        sertifikatas. T. y. data ir laikas, kada sertifikatui suteikta būsena „Anuliuotas“.
        Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element minOccurs="0" name="error" type="tns:Error">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
        statuso reikšmė - ERROR.</xs:documentation>
      </xs:annotation>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="GetTransportModuleIntermediateCertificateRequest">
  <xs:sequence>
    <xs:element minOccurs="0" name="remarks">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Pastaba (skirta pačiai aptarnavimo
        imonei).</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="250"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:sequence>
  <xs:element name="csrFile" type="xs:base64Binary">
    <xs:annotation>
      <xs:documentation xml:lang="lt">CSR failas. Reikalavimai: korektiška PKCS#10
      sertifikato užklausa, RSA tipas, rakto ilgis: 2048 bit, maišos funkcija (angl. hash):
      SHA256.</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetTransportModuleIntermediateCertificateResponse">
  <xs:sequence>

```

```

<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="certificateFile" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Failas CRT formatu. Tarpinis duomenų perdavimo modulių
(CA) sertifikatas. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ProvideInfoToCrossedOutEmployeeCertificateRequest">
<xs:sequence>
<xs:element name="id" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Darbuoto identifikatorius aptarnavimo įmonėje. i.EKA
sistemos suteiktas ID.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ProvideInfoToCrossedOutEmployeeCertificateResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS, ERROR.
Jei pateikiamas išbraukimui darbuotojas, kuriam jau parinkta būseną „Pateiktas
išbraukimui“, atvaizduojama reikšmė SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="providedInfoToCrossedOutDate" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Grąžinama data ir laikas, kada darbuotojui suteikta
būseną „Pateiktas išbraukimui“. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetCashRegisterModelsRequest">
<xs:sequence/>
</xs:complexType>
<xs:complexType name="GetCashRegisterModelsResponse">
<xs:sequence>
<xs:element minOccurs="0" name="cashRegisterModels">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonių modeliai. Teikiama, jei
operacijos statuso reikšmė - SUCCESS.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="cashRegisterModel"
type="tns:CashRegisterModel">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnaujamos atsiskaitymo priemonės
modelis.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CashRegisterModel">
<xs:sequence>
<xs:element name="state" type="tns:CashRegisterModelStateEnum">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnaujamos atsiskaitymo priemonės modelio būseną.
Galimos reikšmės: VALID, SUSPENDED, CROSSED_OUT. Įrašai su kitomis būsenomis,
negrąžinami.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="modelNo" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio
numeris.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="modelCategory">
<xs:annotation>
<xs:documentation xml:lang="lt">Saugos modulio tipas iš klasifikatoriaus
PAYMENT_INSTRUMENT_CATEGORY: CASH_REGISTER, COMPUTER_CASH_REGISTER,

```

```

HOTEL_AND_CATERING_CASH_REGISTER, GAS_STATION_CASH_REGISTER, PHARMACY_CASH_REGISTER,
TRANSPORT_CASH_REGISTER, ELECTRONIC_VENDING_MACHINE, MECHANICAL_VENDING_MACHINE,
ELECTRONIC_MONEY_CALCULATOR, MECHANICAL_MONEY_CALCULATOR, TAXIMETER_PRINTER,
TAXIMETER, NETWORK_TERMINAL.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="modelType">
<xs:annotation>
<xs:documentation xml:lang="lt">Saugos modulio tipas iš klasifikatoriaus
PAYMENT_INSTRUMENT_TYPE: AUTONOMOUS_TERMINAL, AUTONOMOUS_TAXIMETER,
AUTONOMOUS_TAXIMETER_PRINTER, AUTONOMOUS_AUTOMATION, SAFETY_MODULE,
VIRTUAL_FISCALIZATION, AUTONOMOUS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="modelFullName">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio pilnas (suformuotas)
pavadinimas. Pvz.: 48. HSelf-16 su fiskaliniu bloku EMPIRIJA FB 15HC. Su saugos
moduliu: HSM, Entrust nShield HSMi (Nr. 12).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleType">
<xs:annotation>
<xs:documentation xml:lang="lt">Saugos modulio tipas iš klasifikatoriaus
SECURITY_MODULE_TYPE: HSM, NOT_INTEGRATED, INTEGRATE. Teikiamas, kai modelis su saugos
moduliu.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleName">
<xs:annotation>
<xs:documentation xml:lang="lt">Saugos modulio pavadinimas. Teikiamas, kai modelis su
saugos moduliu.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterHardwareVersions">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio aparatinės įrangos
versijos.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="version" type="tns:Version">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterSoftwareVersions">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio programinės įrangos
versijos.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="version" type="tns:Version">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleHardwareVersions">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio naudojamų saugos
modulio aparatinės įrangos versijos.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="version" type="tns:Version">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleSoftwareVersions">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio naudojamų saugos
modulio programinės įrangos versijos.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="version" type="tns:Version">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="validFrom" type="xs:date">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Data, modelis įtrauktas į leidžiamų naudoti
atsiskaitymo priemonių sąrašą. Elementų grupėje „Įtraukimas“ nurodyta data iš elemento
„Dokumento data“.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="validTo" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, kada modelis išbrauktas iš leidžiamų naudoti
atsiskaitymo priemonių sąrašo. Elementų grupėje „Išbraukimas“ nurodyta data iš
elemento „Dokumento data“.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Version">
<xs:sequence>
<xs:element name="id" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos identifikatorius.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="versionName">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos pavadinimas.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="description">
<xs:annotation>
<xs:documentation xml:lang="lt">Versijos aprašymas.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="validFrom" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, nuo kada galioja versija
modeliui.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="validTo" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, iki kada galioja versija
modeliui.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServiceOrganizationDataRequest">
<xs:sequence/>
</xs:complexType>
<xs:complexType name="GetServiceOrganizationDataResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">

```



```

<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certificateNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės veiklos sertifikatas (išduotas
ekspertinės įmonės).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="certificateValidFrom" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, nuo kurios galioja aptarnavimo sertifikatas.
Privalomas, jei certificateNo ≠ null.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certificateValidTo" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, iki kurios galioja aptarnavimo sertifikatas.
Privalomas, jei certificateNo ≠ null.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="servicedCashRegisterModels">
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="servicedCashRegisterModel"
type="tns:ServicedCashRegisterModel"/>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployees">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės sertifikuoti
darbuotojai.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="employee" type="tns:CertifiedEmployee">
<xs:annotation>
<xs:documentation xml:lang="lt">Darbuotojas.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleIntermediateCertificates">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Aptarnavimo įmonei išduotų tarpinių kriptografinių
sertifikatų (atsiskaitymo priemonių saugos modulių rengimui)
informacija.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="certificate" type="tns:Certificate">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikatai.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="transportModuleIntermediateCertificates">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonei išduotų tarpinių kriptografinių
sertifikatų (atsiskaitymo priemonių transporto modulių rengimui)
informacija.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="certificate" type="tns:Certificate">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikatai.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ServicedCashRegisterModel">
<xs:sequence>
<xs:element name="state" type="tns:ServicedCashRegisterModelState">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnaujamos atsiskaitymo priemonės modelio būseną
aptarnavimo įmonės kontekste / aptarnavimo įmonės darbuotojo kontekste. Galimos
reikšmės: VALID, CROSSED_OUT.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="validFrom" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, kada aptarnavimo įmonei / darbuotojui įtrauktas
atsiskaitymo priemonės modelis. Elementų grupėje „Įtraukimas“ nurodyta data iš
elemento „Dokumento data“.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="validTo" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, kada aptarnavimo įmonei / darbuotojui išbrauktas
atsiskaitymo priemonės modelis. Elementų grupėje „Išbraukimas“ nurodyta data iš
elemento „Dokumento data“.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="cashRegisterModel" type="tns:CashRegisterModel">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės aptarnaujamas atsiskaitymo
priemonės modelis.</xs:documentation>
</xs:annotation>
</xs:element>

```

```

</xs:sequence>
</xs:complexType>
<xs:complexType name="CertifiedEmployee">
<xs:sequence>
<xs:element name="id" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Darbuotojo identifikatorius.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="personCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmens identifikacinis numeris
(kodas).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="19"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="fullName">
<xs:annotation>
<xs:documentation xml:lang="lt">Darbuotojo vardas ir pavardė.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="state" type="tns:CertifiedEmployeeStateEnum">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikuoto darbuotojo įrašo būseną aptarnavimo
įmonei. Galimos reikšmės: VALID, PROVIDED_TO_CROSSED_OUT, CROSSED_OUT. Įrašai su
būseną „Juodraštis“ (DRAFT) ir „Anuliuotas“ (CANCELED) negražinami.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="certificateNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Darbuotojo sertifikato numeris.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="certificateValidFrom" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, nuo kada galioja darbuotojo
sertifikatas.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certificateValidTo" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, kada darbuotojas išbrauktas. Elementų grupėje
„Išbraukimas“ nurodyta data iš elemento „Dokumento data“.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="servicedCashRegisterModels">
<xs:complexType>

```

```

<xs:sequence>
<xs:element maxOccurs="unbounded" name="servicedCashRegisterModel"
type="tns:ServicedCashRegisterModel"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Certificate">
<xs:sequence>
<xs:element name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="validFrom" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, nuo kada galioja
sertifikatas.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="validTo" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, iki kada galioja
sertifikatas.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="remarks">
<xs:annotation>
<xs:documentation xml:lang="lt">Pastaba (kuria nusirodė pati aptarnavimo
įmonė).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:simpleType name="OperationStatus">
<xs:restriction base="xs:string">
<xs:enumeration value="SUCCESS"/>
<xs:enumeration value="ERROR"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Locale">
<xs:restriction base="xs:string">
<xs:enumeration value="EN"/>
<xs:enumeration value="LT"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="CashRegisterModelStateEnum">
<xs:restriction base="xs:string">
<xs:enumeration value="VALID"/>

```

```

<xs:enumeration value="SUSPENDED"/>
<xs:enumeration value="CROSSED_OUT"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="ServicedCashRegisterModelState">
<xs:restriction base="xs:string">
<xs:enumeration value="VALID"/>
<xs:enumeration value="CROSSED_OUT"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="CertifiedEmployeeStateEnum">
<xs:restriction base="xs:string">
<xs:enumeration value="VALID"/>
<xs:enumeration value="PROVIDED_TO_CROSSED_OUT"/>
<xs:enumeration value="CROSSED_OUT"/>
</xs:restriction>
</xs:simpleType>
<xs:element name="CancelSecurityModuleIntermediateCertificateRequest" nillable="true"
type="tns:CancelSecurityModuleIntermediateCertificateRequest"/>
<xs:element name="CancelSecurityModuleIntermediateCertificateResponse" nillable="true"
type="tns:CancelSecurityModuleIntermediateCertificateResponse"/>
<xs:element name="GetSecurityModuleIntermediateCertificateRequest" nillable="true"
type="tns:GetSecurityModuleIntermediateCertificateRequest"/>
<xs:element name="GetSecurityModuleIntermediateCertificateResponse" nillable="true"
type="tns:GetSecurityModuleIntermediateCertificateResponse"/>
<xs:element name="GetCertificatePublicKeyRequest" nillable="true"
type="tns:GetCertificatePublicKeyRequest"/>
<xs:element name="GetCertificatePublicKeyResponse" nillable="true"
type="tns:GetCertificatePublicKeyResponse"/>
<xs:element name="CancelTransportModuleIntermediateCertificateRequest" nillable="true"
type="tns:CancelTransportModuleIntermediateCertificateRequest"/>
<xs:element name="CancelTransportModuleIntermediateCertificateResponse"
nillable="true" type="tns:CancelTransportModuleIntermediateCertificateResponse"/>
<xs:element name="GetTransportModuleIntermediateCertificateRequest" nillable="true"
type="tns:GetTransportModuleIntermediateCertificateRequest"/>
<xs:element name="GetTransportModuleIntermediateCertificateResponse" nillable="true"
type="tns:GetTransportModuleIntermediateCertificateResponse"/>
<xs:element name="ProvideInfoToCrossedOutEmployeeCertificateRequest" nillable="true"
type="tns:ProvideInfoToCrossedOutEmployeeCertificateRequest"/>
<xs:element name="ProvideInfoToCrossedOutEmployeeCertificateResponse" nillable="true"
type="tns:ProvideInfoToCrossedOutEmployeeCertificateResponse"/>
<xs:element name="GetCashRegisterModelsRequest" nillable="true"
type="tns:GetCashRegisterModelsRequest"/>
<xs:element name="GetCashRegisterModelsResponse" nillable="true"
type="tns:GetCashRegisterModelsResponse"/>
<xs:element name="GetServiceOrganizationDataRequest" nillable="true"
type="tns:GetServiceOrganizationDataRequest"/>
<xs:element name="GetServiceOrganizationDataResponse" nillable="true"
type="tns:GetServiceOrganizationDataResponse"/>
</xs:schema>
</wsdl:types>
<wsdl:message name="CancelSecurityModuleIntermediateCertificate">
<wsdl:part element="tns:CancelSecurityModuleIntermediateCertificateRequest"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ProvideInfoToCrossedOutEmployeeCertificateResponse">
<wsdl:part element="tns:ProvideInfoToCrossedOutEmployeeCertificateResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetSecurityModuleIntermediateCertificate">

```

```

<wsdl:part element="tns:GetSecurityModuleIntermediateCertificateRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="GetCashRegisterModelsResponse">
<wsdl:part element="tns:GetCashRegisterModelsResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="CancelSecurityModuleIntermediateCertificateResponse">
<wsdl:part element="tns:CancelSecurityModuleIntermediateCertificateResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetSecurityModuleIntermediateCertificateResponse">
<wsdl:part element="tns:GetSecurityModuleIntermediateCertificateResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServiceOrganizationData">
<wsdl:part element="tns:GetServiceOrganizationDataRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetCertificatePublicKey">
<wsdl:part element="tns:GetCertificatePublicKeyRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetTransportModuleIntermediateCertificateResponse">
<wsdl:part element="tns:GetTransportModuleIntermediateCertificateResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="CancelTransportModuleIntermediateCertificate">
<wsdl:part element="tns:CancelTransportModuleIntermediateCertificateRequest"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetTransportModuleIntermediateCertificate">
<wsdl:part element="tns:GetTransportModuleIntermediateCertificateRequest"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServiceOrganizationDataResponse">
<wsdl:part element="tns:GetServiceOrganizationDataResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetCertificatePublicKeyResponse">
<wsdl:part element="tns:GetCertificatePublicKeyResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ProvideInfoToCrossedOutEmployeeCertificate">
<wsdl:part element="tns:ProvideInfoToCrossedOutEmployeeCertificateRequest"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetCashRegisterModels">
<wsdl:part element="tns:GetCashRegisterModelsRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="CancelTransportModuleIntermediateCertificateResponse">
<wsdl:part element="tns:CancelTransportModuleIntermediateCertificateResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:portType name="ServiceCompanyWebService">
<wsdl:operation name="CancelSecurityModuleIntermediateCertificate">
<wsdl:input message="tns:CancelSecurityModuleIntermediateCertificate"
name="CancelSecurityModuleIntermediateCertificate"> </wsdl:input>
<wsdl:output message="tns:CancelSecurityModuleIntermediateCertificateResponse"
name="CancelSecurityModuleIntermediateCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetSecurityModuleIntermediateCertificate">
<wsdl:input message="tns:GetSecurityModuleIntermediateCertificate"
name="GetSecurityModuleIntermediateCertificate"> </wsdl:input>
<wsdl:output message="tns:GetSecurityModuleIntermediateCertificateResponse"
name="GetSecurityModuleIntermediateCertificateResponse"> </wsdl:output>

```



```

</wsdl:operation>
<wsdl:operation name="GetCertificatePublicKey">
<wsdl:input message="tns:GetCertificatePublicKey" name="GetCertificatePublicKey">
</wsdl:input>
<wsdl:output message="tns:GetCertificatePublicKeyResponse"
name="GetCertificatePublicKeyResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="CancelTransportModuleIntermediateCertificate">
<wsdl:input message="tns:CancelTransportModuleIntermediateCertificate"
name="CancelTransportModuleIntermediateCertificate"> </wsdl:input>
<wsdl:output message="tns:CancelTransportModuleIntermediateCertificateResponse"
name="CancelTransportModuleIntermediateCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetTransportModuleIntermediateCertificate">
<wsdl:input message="tns:GetTransportModuleIntermediateCertificate"
name="GetTransportModuleIntermediateCertificate"> </wsdl:input>
<wsdl:output message="tns:GetTransportModuleIntermediateCertificateResponse"
name="GetTransportModuleIntermediateCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ProvideInfoToCrossedOutEmployeeCertificate">
<wsdl:input message="tns:ProvideInfoToCrossedOutEmployeeCertificate"
name="ProvideInfoToCrossedOutEmployeeCertificate"> </wsdl:input>
<wsdl:output message="tns:ProvideInfoToCrossedOutEmployeeCertificateResponse"
name="ProvideInfoToCrossedOutEmployeeCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetCashRegisterModels">
<wsdl:input message="tns:GetCashRegisterModels" name="GetCashRegisterModels">
</wsdl:input>
<wsdl:output message="tns:GetCashRegisterModelsResponse"
name="GetCashRegisterModelsResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServiceOrganizationData">
<wsdl:input message="tns:GetServiceOrganizationData"
name="GetServiceOrganizationData"> </wsdl:input>
<wsdl:output message="tns:GetServiceOrganizationDataResponse"
name="GetServiceOrganizationDataResponse"> </wsdl:output>
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="ServiceCompanyWebServiceSoapBinding"
type="tns:ServiceCompanyWebService">
<soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
<wsdl:operation name="CancelSecurityModuleIntermediateCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="CancelSecurityModuleIntermediateCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="CancelSecurityModuleIntermediateCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetSecurityModuleIntermediateCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetSecurityModuleIntermediateCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetSecurityModuleIntermediateCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetCertificatePublicKey">
<soap:operation soapAction="" style="document"/>

```

```

<wsdl:input name="GetCertificatePublicKey">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetCertificatePublicKeyResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="CancelTransportModuleIntermediateCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="CancelTransportModuleIntermediateCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="CancelTransportModuleIntermediateCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetTransportModuleIntermediateCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetTransportModuleIntermediateCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetTransportModuleIntermediateCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ProvideInfoToCrossedOutEmployeeCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="ProvideInfoToCrossedOutEmployeeCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="ProvideInfoToCrossedOutEmployeeCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetCashRegisterModels">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetCashRegisterModels">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetCashRegisterModelsResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServiceOrganizationData">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetServiceOrganizationData">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetServiceOrganizationDataResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="ServiceCompanyWebService">
<wsdl:port binding="tns:ServiceCompanyWebServiceSoapBinding"
name="ServiceCompanyWebService">
<soap:address location="https://ieka-service-companies-public-
ws.x.insoft.lt/services/v1/serviceCompanyWs"/>
</wsdl:port>
</wsdl:service>
</wsdl:definitions>

```


7.2.13 Decisions/requirements changes/clarifications

Date	Description	Notes
-	-	-

7.3 AI002. Web services for servicing cash registers

7.3.1 Interface specification

Title	
Web services for servicing cash registers.	
Interface implementation method	Web service.
Web service URL address	Web service environment URL addresses: Production environment – https://ieka-ws.vmi.lt/services/v1/serviceCompanyCashRegisterWs?wsdl Demo environment – https://ieka-ws-demo.vmi.lt/services/v1/serviceCompanyCashRegisterWs?wsdl
Web service description	The document contains descriptions of web services that are intended for service companies to perform the following functions with cash registers: 1. Get the possible business addresses of the taxpayer (owner of the cash register); 2. Provide the initial (pre-registration) data of the cash register; 3. Re-register a cash register with the same security module for another user; 4. Edit the initial (pre-registration) data of the cash register; 5. Cancel the initial (pre-registration) data of the cash register; 6. Register the certificate with public key of cash register data transport module; 7. Update the certificate with public key of cash register data transport module; 8. Get information of all service company serviced cash registers; 9. Get the data of the serviced cash register according to the cash register registration identifier; 10. Change the address of the serviced cash register; 11. Change the software or hardware versions of the serviced cash register or security module; 12. Provide information about the maintenance works performed on the cash register; 13. Get all cash registers information, which are registered to the customer; 14. Get information about cash registers of the customer according to the cash register registration identifier; 15. Re-register the cash register service for your service company.
Purpose	Allow service companies to prepare for work and register the initial data of the cash register in the i.EKA system.
Description	1. Method GetBusinessAddress – method to get the possible business addresses of the taxpayer (owner of the cash register). 2. Method RegisterCashRegister – method to provide the initial (pre-registration) data of the cash register. 3. Method ReregisterCashRegister – method to re-register a cash register with the same security module for another user. 4. Method UpdateCashRegister – method to update the certificate with public key of cash register data transport module; 5. Method CancelCashRegister – method to cancel the initial (pre-registration) data of the cash register. Cash register data can be canceled only as long as the cash register status is "Registration in progress" and the security module certificate is not activated (not transferred to the i.EKA system). 6. Method RegisterTransportModuleCertificate – method to register the certificate with public key of cash register data transport module in the i.EKA system. 7. Method UpdateTransportModuleCertificate – method for updating the public key of the certificate of the data transfer (transport) module of the cash register in the i.EKA system. 8. Method GetServicedCashRegisters – method to get information of all service company serviced cash registers. 9. Method GetServicedCashRegisterInformationByRegistrationID – method to get the data of the serviced cash register according to the cash register registration identifier. 10. Method UpdateCashRegisterAddress – method to change the address of the serviced cash register. 11. Method UpdateCashRegisterVersions – method to change the software or hardware versions of the serviced cash register or security module. 12. Method SubmitCashRegisterPreventionWork – method to provide information about the maintenance works performed on the cash register.

Title	Web services for servicing cash registers.
	13. Method GetServicedUserCashRegisters – method to get a list of all cash registers, which are registered to a serviced user. Access to data is permitted only if the taxpayer has indicated that the relevant service company can service the payment instrument. 14. Method GetServicedUserCashRegisterInformationByRegistrationID – method to get information about cash registers of the customer according to the cash register registration identifier. 15. Method ChangeServiceCompany – method to re-register the cash register service for your service company. Re-registration of the service is allowed only if the taxpayer has indicated that the relevant service company can service cash register.

7.3.2 Security

Web service client authentication is done using the SSL Client Certificate Authentication mechanism as well as the TLS protocol - version 1.2 or 1.3.

The web service identifies itself by presenting a certificate issued by a trusted certificate authority (CA) (CN=ieka-ws.vmi.lt). The client identifies themselves by presenting a certificate, the public key of which is registered in i.EKA.

Each service company may have more than one registered certificate. Service company certificates are submitted, approved and registered on the i.EKA portal. Actions can be performed by persons representing the service company with established rights. The certificate is registered in the i.EKA menu item "Cryptographic certificates", certificate type: **Service company identification certificate**.

7.3.3 Method GetBusinessAddress

Description	Method to get the possible business addresses of the taxpayer (owner of the cash register). Addresses are returned only to those taxpayers who have included the service company as the authorized service company. I.e. service company can get just customers business addresses.
Call parameters	Structure GetbusinessAddressRequest
Results	Structure GetbusinessAddressResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.3.1 Structure GetBusinessAddressRequest

Title	Type	Length	Required	Description
personCode	string	30	Yes	Identification number (code) of the person/company. Natural person – LR personal code (for foreigners – MM code identifying the client). Legal person – legal person code (if foreign, then the 10 char. code provided by STI (VMI)).
name	string	250	No*	First name. * Required and provided if a natural person's code is entered in the element personCode.
surname	string	250	No*	Last name. * Required and provided if a natural person's code is entered in the element personCode.

7.3.3.2 Structure GetBusinessAddressResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR.
addresses	Structure Addresses	-	No	Business addresses registered for a person.
error	Structure Error	-	No*	Error information. * Required if the transaction status value is ERROR.

7.3.3.2.1 Structure Addresses

Title	Type	Length	Required	Description
address	Structure Address	-	1..n	Business addresses registered for a person.

7.3.3.2.2 Structure Address

Title	Type	Length	Required	Description
addressId	long	-	Yes	Address identifier. Identifier assigned by the registry center.
address	string	250	Yes	Full address. Example: Fabijoniškių g. 10-2, Vilniaus m., Vilniaus m. sav.

7.3.4 Method RegisterCashRegister

Description	Method to provide the initial (pre-registration) data of the cash register. If a cash register is registered without a security module (an autonomous cash register model that does not provide data to the STI (VMI), terminal, machine), the cash register is immediately registered and given the status "Registered". If registering a cash register with a security module or with virtual fiscalization, the status "Registration in progress" is given to the cash register. Registration must be completed from the cash register. A cash register with a security module and VF is fully registered in the i.EKA system only when mandatory data (certificates) from the registered cash register is submitted.
Call parameters	Structure RegisterCashRegisterRequest
Results	Structure RegisterCashRegisterResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.4.1 Structure RegisterCashRegisterRequest

Title	Type	Length	Required	Description
cashRegisterInformation	Structure CashRegisterInformation	-	Yes	Details of the cash register being registered.

7.3.4.1.1 Structure CashRegisterInformation

Title	Type	Length	Required	Description
cashRegisterModelNo	long	-	No*	Cash register model number (modelNo). Number assigned to the i.EKA system model. Retrieval of the model number is described in the A1001 integration specification. * Required. Not provided (cannot be edited) only with <i>UpdateCashRegister</i> method.
cashRegisterSeriesNo	string	50	Yes	Manufacturer's serial number for the cash register.
cashRegisterHardwareVersionID	long	-	No*	The hardware version of the model in use (cashRegisterHardwareVersion → versionId). Obtainment of the version ID is described in the A1001 integration specification. * Required if the cash register model has valid hardware versions.
cashRegisterSoftwareVersionID	long	-	No*	The software version of the model in use (cashRegisterSoftwareVersion → versionId). Obtainment of the version ID is described in the A1001 integration specification. * Required if the cash register model has valid software versions.
certifiedEmployeeID	long	-	No*	ID of the employee working for the service company (certifiedEmployee → id).

Title	Type	Length	Required	Description
				Obtainment of the employee ID is described in the A1001 integration specification. * Required when a service company certificate is required for the registered cash register model category.
employee	string	250	No*	Name and surname of the employee of the service company. * Required when a service company certificate is not required for the registered cash register model category. I.e. when no value is provided in the certifiedEmployeeID element.
technicalPassportSerialNo	string	250	Ne*	Technical passport series. Provided and mandatory only for autonomous cash registers and vending machines. I.e. when the cash register type has one of the following properties: "Autonomous cash register"= Yes "Automatic"= Yes
technicalPassportNo	string	250	Ne*	Technical passport no. Provided and mandatory only for autonomous cash registers and vending machines. I.e. when the cash register type has one of the following properties: "Autonomous cash register"= Yes "Automatic"= Yes
securityModuleSeriesNo	string	24	No*	Manufacturer's serial number for the security module. Only international ASCII printable characters are available. See: http://facweb.cs.depaul.edu/sjost/it212/documents/ascii-pr.htm * Required if cash register contains a security module.
securityModuleIdentificationNo	string	32	No*	The identification number provided by the service company during the preparation of the security module. Only international ASCII printable characters are available. See: http://facweb.cs.depaul.edu/sjost/it212/documents/ascii-pr.htm * Required if cash register contains a security module.
securityModuleHardwareVersionID	long	-	No*	Hardware version of the security module used. (securityModuleHardwareVersion → versionId). Obtainment of the version ID is described in the A1001 integration specification. *Required if the cash register model has valid hardware versions.
securityModuleSoftwareVersionID	long	-	No*	Software version of the security module used. (securityModuleSoftwareVersion → versionId) . Obtainment of the version ID is described in the A1001 integration specification. *Required if the cash register model has valid software versions.
cashRegisterownerType	enum	-	Yes	Payment instrument owner type.

Title	Type	Length	Required	Description
				Possible values: - INDIVIDUAL – Natural person - LEGAL_PERSON – Legal person
cashRegisterownerCode	string	30	Yes	Cash register owner identification code. Natural person – LR personal code (for foreigners – MM code identifying the client). Legal person – legal person code (if foreign, then the 10 char. code provided by VMI).
cashRegisterownerName	string	250	No*	Cash register owner's first name and surname. * Required only when <i>cashRegisterownerType</i> element has INDIVIDUAL value.
cashRegisterPurpose	enum	-	Yes	DCash register purpose. Possible values: - FOR_USE – For use. - TRAINING – For training purposes. - RESERVE – Reserve. The RESERVE value is not available for cash register that provide data to the i.EKA system by receipt. If the cash register is registered as a reserve, it must be recorded as suspended. Note that a cash register registered for training with a security module of VF will never be able to transition to the FOR_USE state. I.e. all PI security modules registered as FOR_USE must be registered with zeroed counters. Except for the re-registration of a used cash register with the same security model that was registered as FOR_USE.
cashRegisterPlaceType	enum	-	Yes	Placement type of the payment instrument. Possible values: - DEVICE – Installation address - OTHER – Other address (tenement, place of residence, etc.)
cashRegisterAddressId	long	-	No*	Address for use of the payment instrument. An address identifier is provided. The address ID of the activity registered to the owner is indicated (addressId → addressId). Addresses are obtained using the <i>GetBusinessAddress</i> method. * not required if the payment instrument is registered to a natural person.
otherCashRegisterAddress	Structure OtherCashRegisterAddress	-	No*	Address of the natural person using the payment instrument. * Can only be provided if the PI is registered for a natural person. Required if no value is specified in the <i>cashRegisterAddressId</i> element. Required only when the person has not registered the activity with the VMI at the required address.
cashRegisterAddressName	string	250	No	Address specifics are given. E.g. specific outlets, tents, numbers etc.
workingNameOfCashregister	string	250	No	The working name of the cash register by which the user identifies his cash register.
fiscalDayNo	string	250	No*	Number of fiscal day document. * Required only when cash register type is AUTONOMOUS.

Title	Type	Length	Required	Description
fiscalDayDateTime	datetime	-	Ne*	Date and time of fiscal day document. * Required only when cash register type is AUTONOMOUS.
GT	decimal	(19,2)	Ne*	GT counter. The total amount is given in euros. * Required only when cash register type is AUTONOMOUS.
status	enum	-	Ne*	Cash register registration status in the i.EKA system. Possible values: - REGISTRATION_IN_PROGRESS - SUBMITTED_TO_DEREGISTER - DEREGISTERED - SUBMITTED_TO_SUSPEND - SUSPENDED - SUBMITTED_TO_REGISTER - REGISTERED * not provided with methods: - Method RegisterCashRegister - Method UpdateCashRegister
imisNo	string	50	Ne*	Cash register No in the IMIS system. Can only be provided for cash registers which are migrated from IMIS system to i.EKA. * not provided with methods: - Method RegisterCashRegister - Method UpdateCashRegister
cashRegisterProblems	Struktūra CashRegisterProblems	-	Ne*	Problems which are assign to the cash register in the i.EKA system. * not provided with methods: - Method RegisterCashRegister - Method UpdateCashRegister

7.3.4.1.2 Struktūra CashRegisterProblems

Pavadinimas	Tipas	Ilgis	Privalomumas	Aprašymas
cashRegisterProblem	Struktūra CashRegisterProblem	-	1..n	Problems which are assign to the cash register in the i.EKA system.

7.3.4.1.3 Struktūra CashRegisterProblem

Pavadinimas	Tipas	Ilgis	Privalomumas	Aprašymas
problem	enum	-	Taip	Problem which are assign to the cash register in the i.EKA system. Possible values: - INVALID_ADDRESS - SM_INVALID_CERTIFICATE - TM_INVALID_CERTIFICATE - NO_SM_SETTINGS - NO_RECEIPTS_DATA - MODEL_EXCLUDED - USER_HAS_NO_LEGAL_ACTIVITY
problemDate	date	-	Taip	Date when the problem was detected.

7.3.4.1.4 Structure OtherCashRegisterAddress

Title	Type	Length	Required	Description
municipality	Structure AddressItem	-	Yes	Municipality.
settlement	Structure AddressItem	-	Yes	City.
street	Structure AddressItem	-	Yes	Street.
houseNo	string	-	Yes	House number.
apartmentNo	string	-	No	Flat number.

7.3.4.1.4.1 Structure AddressItem

Title	Type	Length	Required	Description
identifier	integer	-	No*	Address element value identifier corresponding to the Registry Center code. See: https://www.registrucentras.lt/p/1192 The code is checked against the higher-level address component identifier. E.g. the specified settlement identifier must be in the specified municipality, and the specified street must be in the specified city/settlement. * not required if a value is given for <i>name</i> element.
name	string	250	No*	Address element value name corresponding to the address value name used in the registry center. See: https://www.registrucentras.lt/p/1192 Value is ignored if <i>identifier</i> element contains a value. The code is checked against the higher-level address component identifier. E.g. the specified settlement identifier must be in the specified municipality, and the specified street must be in the specified city/settlement. * not required if a value is given for <i>identifier</i> element.

7.3.4.2 Structure RegisterCashRegisterResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR.
cashRegisterRegistrationID	string	11	No*	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001 * Required if the operation status value is SUCCESS.
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 * Required if the operation status value is SUCCESS AND a number is assigned to the cash register (the number is not assigned to cash register that do not provide data to the i.EKA system).
securityModuleRegistrationNo	string	12	No*	Identifier given to the security module in the i.EKA system. Example: SM-000000001 * Required if the operation status value is SUCCESS AND the registered cash register contains a security module.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.5 Method ReregisterCashRegister

Description	Method to re-register a cash register with the same security module for another user. The same cash register with used SM (used counters) must be re-registered to the new owner (can't be registered as new one). Cash register, that can't be reregistered: - Cash register with SM type HSM; - Cash register with VF; - Cash register with deactivated SM. Upon re-registration, the record is assigned a new registration ID and the cash register identification numbers are retained. I.e. numbers (cashRegisterRegistrationNo and securityModuleRegistrationNo) do not change for new registration.
Call parameters	Structure ReregisterCashRegisterRequest
Results	Structure ReregisterCashRegisterResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.5.1 Structure ReregisterCashRegisterRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 *Required if the cash register is assigned a number (a number is not assigned to cash register that do not provide data to the i.EKA system)
securityModuleRegistrationNo	string	12	No*	Identifier given to the security module in the i.EKA system. Example: SM-000000001 *Required if the registered cash register contains a security module.
certifiedEmployeeID	long	-	No*	ID of the employee working for the service company (certifiedEmployee → id). Obtainment of the employee ID is described in the A1001 integration specification. * Required when a service company certificate is required for the registered cash register model category.
employee	string	250	No*	Name and surname of the employee of the service company. * Required when a service company certificate is not required for the registered cash register model category. I.e. when no value is provided in the certifiedEmployeeID element.
technicalPassportSerialNo	string	250	Ne*	Technical passport series. Provided and mandatory only for autonomous cash registers and vending machines. I.e. when the cash register type has one of the following properties: "Autonomous cash register"= Yes "Automatic"= Yes
technicalPassportNo	string	250	Ne*	Technical passport no. Provided and mandatory only for autonomous cash registers and vending machines. I.e. when the cash register type has one of the following properties: "Autonomous cash register"= Yes "Automatic"= Yes
cashRegisterownerType	enum	-	Yes	Type of new owner for the cash register. Possible values: - INDIVIDUAL - LEGAL_PERSON
cashRegisterownerCode	string	30	Yes	Payment instrument new owner identification code. Natural person – LR personal code (for foreigners – MM code identifying the client). Legal person – legal person code (if foreign, then the 10 char. code provided by VMI).

Title	Type	Length	Required	Description
cashRegisterownerName	string	250	No*	Payment instrument new owner's first name and surname. * Required only when <i>cashRegisterownerType</i> element has INDIVIDUAL value.
cashRegisterPlaceType	enum	-	Yes	New placement type of the payment instrument. Possible values: • DEVICE – Installation address • OTHER – Other address (tenement, place of residence, etc.)
cashRegisterAddressId	long	-	No*	New address for use of the cash register. An address identifier is provided. The address ID of the activity registered to the owner is indicated. * not required if the cash register is registered to a natural person.
otherCashRegisterAddress	Structure OtherCashRegisterAddress	-	No*	Address of the natural person using the cash register. * Can only be provided if the cash register is registered for a natural person. Required if no value is specified in the <i>cashRegisterAddressId</i> element.
cashRegisterAddressName	string	250	No	Address specifics are given. E.g. specific outlets, tents, numbers etc.
workingNameOfCashregister	string	250	No	The working name of the cash register by which the user identifies his cash register.
fiscalDayNo	string	250	No*	Number of fiscal day document. * Required only when cash register type is AUTONOMOUS.
fiscalDayDateTime	datetime	-	No*	Date and time of fiscal day document. * Required only when cash register type is AUTONOMOUS.
GT	decimal		No*	GT counter. The total amount is given in euros. * Required only when cash register type is AUTONOMOUS.

7.3.5.2 Structure ReregisterCashRegisterResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: • SUCCESS • ERROR.
cashRegisterRegistrationID	string	11	No*	Identifier in the i.EKA system for the registration of the PI given to the specific owner. Example: R-000000001 *Required if the operation status value is SUCCESS.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.6 Method UpdateCashRegister

Description	Method to update the certificate with public key of cash register data transport module; Data can only be updated for a cash register as long as the status of the cash register is "Registration in progress".
Call parameters	Structure UpdateCashRegisterRequest
Results	Structure UpdateCashRegisterResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.6.1 Structure UpdateCashRegisterRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the PI in the i.EKA system. Example: CR-000000001 *Required if the PI is assigned a number (a number is not assigned to cash register that do not provide data to the i.EKA system)
CashRegisterInfo	Structure CashRegisterInformation	-	Yes	Information about the cash register being registered.

7.3.6.2 Structure UpdateCashRegisterResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.7 Method CancelCashRegister

Description	method to cancel the initial (pre-registration) data of the cash register. Cash register data can be canceled only as long as the cash register status is "Registration in progress" and the security module certificate is not activated (not transferred to the i.EKA system).
Call parameters	Structure CancelCashRegisterRequest
Results	Structure CancelCashRegisterResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.7.1 Structure CancelCashRegisterRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 *Required if the cash register is assigned a number (a number is not assigned to PIs that do not provide data to the i.EKA system).

7.3.7.2 Structure CancelCashRegisterResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.8 Method RegisterTransportModuleCertificate

Description	Method to register the certificate with public key of cash register data transport module in the i.EKA system.
Call parameters	Structure RegisterTransportModuleCertificateRequest
Results	Structure RegisterTransportModuleCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.8.1 Structure RegisterTransportModuleCertificateRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	Yes	Identifier given to the cash register in the i.EKA system. Example: CR-000000001
certificatePublicKey	base64	-	Yes	Public key of the certificate provided as a PEM or DER file. Requirements: - Certificate formed according to PKCS#10; - RSA type; - key length: 2048 bit; - hash: SHA256; - the certificate is signed by the intermediate certificate of the service company issued by STI (VMI), intended to approve the data transport certificates used in the cash register; - the certificate was issued by the same company that registers the certificate in the i.EKA system.

7.3.8.2 Structure RegisterTransportModuleCertificateResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
id	long	-	No*	Unique certificate ID assigned by the i.EKA system. *Required if the operation status value is SUCCESS.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.9 Method UpdateTransportModuleCertificate

Description	Method to update the certificate with public key of cash register data transport module.
Call parameters	Structure UpdateTransportModuleCertificateRequest
Results	Structure UpdateTransportModuleCertificateResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.9.1 Structure UpdateTransportModuleCertificateRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the PI given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	Yes	Identifier given to the PI in the i.EKA system. Example: CR-000000001
certificatePublicKey	base64	-	Yes	Public key of the certificate provided as a PEM or DER file. Requirements: • Certificate formed according to PKCS#10; • RSA type; • key length: 2048 bit; • hash: SHA256; • the certificate is signed by the intermediate certificate of the service company issued by STI (VMI), intended to approve the data transport certificates used in the cash register; • the certificate was issued by the same company that registers the certificate in the i.EKA system.

7.3.9.2 Structure UpdateTransportModuleCertificateResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: • SUCCESS • ERROR
id	long	-	No*	Unique certificate ID assigned by the i.EKA system. *Required if the operation status value is SUCCESS.
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.10 Method GetServicedCashRegisters

Description	Method to get information of all service company serviced cash registers.
Call parameters	Method GetServicedCashRegisters
Results	Method GetServicedCashRegisters
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.10.1 Structure GetServicedCashRegistersRequest

Service companies, whose data must be provided, are determined from the service company identification certificate provided.

Pavadinimas	Tipas	Ilgis	Privalomumas	Aprašymas
page	integer	-	Yes	Page. Specifies the page from which the record results are returned. Allowed min. value: 0.
pageSize	integer	-	Yes	Page size. Indicates the number of records returned on the page. Allowed values: 1-100.

7.3.10.2 Structure GetServicedCashRegistersResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: • SUCCESS • ERROR
error	Structure Error	-	No*	Error information.

Title	Type	Length	Required	Description
				* Required if the operation status value is ERROR.
cashRegisterRegistrations	Structure cashRegisterRegistrations	-	No*	The list of identifiers for the registration of cash registers in the i.EKA system granted to a specific owner.
totalPages	integer	-	No*	Total pages. *Mandatory and provided with SUCCESS status.
totalElements	integer	-	No*	Total number of items matching the search criteria. *Mandatory and provided with SUCCESS status.

7.3.10.3 Structure cashRegisterRegistrations

Title	Type	Length	Required	Description
cashRegisterRegistration	Structure cashRegisterRegistration	-	1..n	Registration information.

7.3.10.4 Structure cashRegisterRegistration

Title	Type	Length	Required	Description
cashRegisterInformation	Structure CashRegisterInformation	-	No*	Cash register registration information in the i.EKA system. *Required if the operation status value is SUCCESS.
cashRegisterRegistrationID	string	11	No*	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001 *Required if the operation status value is SUCCESS.
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.
securityModuleRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: SM-000000001 *Required if the operation status value is SUCCESS AND the cash register has a security module.
transportModuleCertificateStatus	enum	-	No*	Status of the certificate in the i.EKA system. Possible statuses: - ACTIVATED – activated (valid). - DEACTIVATED – deactivated in the i.EKA system after deregistration of cash register, or certificate has expired. *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.
transportModuleCertificateValidTo	dateTime	-	No*	Validity date of the data transfer (transport) certificate of the cash register. *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.

Title	Type	Length	Required	Description
securityModuleCertificateStatus	enum	-	No*	Status of the certificate in the i.EKA system. Possible statuses: - NOT_ACTIVATED – Not activated. - ACTIVATED – activated (valid). - DEACTIVATED – deactivated in the i.EKA system after deregistration of cash register, or certificate has expired. *Required if the operation status value is SUCCESS AND the cash register has a security module certificate.
securityModuleCertificateValidTo	dateTime	-	No*	Validity date of the security module certificate of the PI. *Required if the operation status value is SUCCESS AND the cash register has a security module certificate.

7.3.11 Method GetServicedCashRegisterInformationByRegistrationID

Description	Method to get the data of the serviced cash register according to the cash register registration identifier.
Call parameters	Structure GetServicedCashRegisterInformationByRegistrationIDRequest
Results	Structure GetServicedCashRegisterInformationByRegistrationIDResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.11.1 Structure GetServicedCashRegisterInformationByRegistrationIDRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001

7.3.11.2 Structure GetServicedCashRegisterInformationByRegistrationIDResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.
cashRegisterInformation	Structure CashRegisterInformation	9	No*	Payment instrument registration information in the i.EKA system. *Required if the operation status value is SUCCESS.
transportModuleCertificateStatus	enum	-	No*	Status of the certificate in the i.EKA system. Possible statuses: - ACTIVATED – activated (valid). - DEACTIVATED – deactivated in the i.EKA system after deregistration of PI, or certificate has expired. *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.

Title	Type	Length	Required	Description
transportModuleCertificateValidTo	dateTime	-	No*	Validity date of the data transfer (transport) certificate of the cash register. *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.
securityModuleCertificateStatus	enum	-	No*	Status of the certificate in the i.EKA system. Possible statuses: - NOT_ACTIVATED – Not activated. - ACTIVATED – activated (valid). - DEACTIVATED – deactivated in the i.EKA system after deregistration of cash register, or certificate has expired. *Required if the operation status value is SUCCESS AND the cash register has a security module certificate.
securityModuleCertificateValidTo	dateTime	-	No*	Validity date of the security module certificate of the cash register. *Required if the operation status value is SUCCESS AND the cash register has a security module certificate.

7.3.12 Method UpdateCashRegisterAddress

Description	Method to change the address of the serviced cash register.
Call parameters	Structure UpdateCashRegisterAddressRequest
Results	Structure UpdateCashRegisterAddressResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.12.1 Structure UpdateCashRegisterAddressRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 * Required if the PI is assigned a number (the number is not assigned to PIs that do not provide data to the i.EKA system).
cashRegisterPlaceType	enum	-	Yes	New placement type of the cash register. Possible values: - DEVICE – Installation address - OTHER – Other address (tenement, place of residence, etc.)
cashRegisterAddressId	long	-	No*	New address for use of the cash register. An address identifier is provided. The address ID of the activity registered to the owner is indicated. * not required if the cash register is registered to a natural person.
certifiedEmployeeId	long	-	No*	ID of the employee working for the service company (certifiedEmployee → id).

Title	Type	Length	Required	Description
				Obtainment of the employee ID is described in the AI001 integration specification. * Required when a service company certificate is required for the registered cash register model category.
otherCashRegisterAddress	Structure OtherCashRegisterAddress	-	No*	Address of the natural person using the cash register. * Can only be provided if the cash register is registered for a natural person. Required if no value is specified in the <i>cashRegisterAddressId</i> element.
cashRegisterAddressName	string	250	No	Specify the address, e.g. the number of a particular outlet, tent, etc.

7.3.12.2 Structure UpdateCashRegisterAddressResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.13 Method UpdateCashRegisterVersions

Description	Method to change the software or hardware versions of the serviced cash register or security module.
Call parameters	Structure UpdateCashRegisterVersionsRequest
Results	Structure UpdateCashRegisterVersionsResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.13.1 Structure UpdateCashRegisterVersionsRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 * Required if the PI is assigned a number (the number is not assigned to cash register that do not provide data to the i.EKA system).
certifiedEmployeeId	long	-	No*	ID of the employee working for the service company (certifiedEmployee → id). Obtainment of the employee ID is described in the AI001 integration specification. * Required when a service company certificate is required for the registered cash register model category.
cashRegisterHardwareVersionID	long	-	No*	Hardware version of the security module used. (cashRegisterHardwareVersion → versionId). Obtainment of the version ID is described in the AI001 integration specification. *Required if the cash register model has valid hardware versions.
cashRegisterSoftwareVersionID	long	-	No*	Software version of the security module used. (cashRegisterSoftwareVersion → versionId). Obtainment of the version ID is described in the AI001 integration specification.

Title	Type	Length	Required	Description
				*Required if the cash register model has valid software versions.
securityModuleHardwareVersionID	long	-	No*	Hardware version of the security module used. (securityModuleHardwareVersion → versionId). Obtainment of the version ID is described in the A1001 integration specification. *Required if the security module has valid hardware versions.
securityModuleSoftwareVersionID	long	-	No*	Software version of the security module used. (securityModuleSoftwareVersion → versionId). Obtainment of the version ID is described in the A1001 integration specification. *Required if the security module has valid software versions.

7.3.13.2 Structure UpdateCashRegisterVersionsResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.14 Method SubmitCashRegisterPreventionWork

Description	Method to provide information about the maintenance works performed on the cash register.
Call parameters	Structure SubmitCashRegisterPreventionWorksRequest
Results	Structure SubmitCashRegisterPreventionWorksResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.14.1 Structure SubmitCashRegisterPreventionWorksRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 * Required if the cash register is assigned a number (the number is not assigned to cash register that do not provide data to the i.EKA system).
preventionWork	string	250	Yes	Performed prevention work.
preventionWorkDateTime	dateTime	-	Yes	Date and time of performed prevention work.
certifiedEmployeeId	long	-	No*	ID of the employee working for the service company (certifiedEmployee → id). Obtainment of the employee ID is described in the A1001 integration specification. * Required when a service company certificate is required for the registered cash register model category.
employee	string	250	No*	Name and surname of the employee of the service company. * Required when a service company certificate is not required for the registered cash register model category. I.e. when no value is provided in the certifiedEmployeeId element.

7.3.14.2 Structure SubmitCashRegisterPreventionWorksResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.15 Method GetServicedUserCashRegisters

Description	Method to get a list of all cash registers, which are registered to a serviced user. Access to data is permitted only if the taxpayer (customer) has indicated that the relevant service company can service the payment instrument.
Call parameters	Structure GetServicedUserCashRegistersRequest
Results	Structure GetServicedUserCashRegistersResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.15.1 Structure GetServicedUserCashRegistersRequest

Title	Type	Length	Required	Description
personCode	string	30	Yes	Identification number (code) of the person/company. Natural person – LR personal code (for foreigners – MM code identifying the client). Legal person – legal person code (if foreign, then the 10 char. code provided by VMI).
name	string	250	No*	First name. * Required and provided if a natural person's code is entered in the element personCode.
surname	string	250	No*	Last name. * Required and provided if a natural person's code is entered in the element personCode.
page	integer	-	Yes	Page. Specifies the page from which the record results are returned. Allowed min. value: 0.
pageSize	integer	-	Yes	Page size. Indicates the number of records returned on the page. Allowed values: 1-100.

7.3.15.2 Structure GetServicedUserCashRegistersResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.
cashRegisterRegistrations	Structure cashRegisterRegistrations	-	No	The list of identifiers granted to a specific owner for the registration of cash register in the i.EKA system.
totalPages	integer	-	No*	Total pages. *Mandatory and provided with SUCCESS status.
totalElements	integer	-	No*	Total number of items matching the search criteria. *Mandatory and provided with SUCCESS status.

7.3.16 Method *GetServicedUserCashRegisterInformationByRegistrationID*

Description	Method to get information about cash registers of the customer according to the cash register registration identifier.
Call parameters	Structure <i>GetServicedUserCashRegisterInformationByRegistrationIDRequest</i>
Results	Structure <i>GetServicedUserCashRegisterInformationByRegistrationIDResponse</i>
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see <i>Errors</i>

7.3.16.1 Structure *GetServicedUserCashRegisterInformationByRegistrationIDRequest*

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001

7.3.16.2 Structure *GetServicedUserCashRegisterInformationByRegistrationIDResponse*

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure <i>Error</i>	-	No*	Error information. * Required if the operation status value is ERROR.
CashRegisterInformation	Structure <i>CashRegisterInformation</i>	9	No*	Payment instrument registration information in the i.EKA system. *Required if the operation status value is SUCCESS
transportModuleCertificateStatus	enum	-	No*	Status of the certificate in the i.EKA system. Possible statuses: - ACTIVATED – activated (valid). - DEACTIVATED – deactivated in the i.EKA system after deregistration of cash register, or certificate has expired. *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.
transportModuleCertificateValidTo	dateTime	-	No*	Validity date of the data transfer (transport) certificate of the cash register. *Required if the operation status value is SUCCESS AND the cash register has a data transfer (transport) certificate.
securityModuleCertificateStatus	enum	-	No*	Status of the certificate in the i.EKA system. Possible statuses: - NOT_ACTIVATED – Not activated. - ACTIVATED – activated (valid). - DEACTIVATED – deactivated in the i.EKA system after deregistration of cash register, or certificate has expired. *Required if the operation status value is SUCCESS AND the cash register has a security module certificate.
securityModuleCertificateValidTo	dateTime	-	No*	Validity date of the security module certificate of the PI.

Title	Type	Length	Required	Description
				*Required if the operation status value is SUCCESS AND the cash register has a security module certificate.

7.3.17 Method ChangeServiceCompany

Description	Method to re-register the cash register service for your service company. Re-registration of the service is allowed only if the taxpayer has indicated that the relevant service company can service cash register.
Call parameters	Structure ChangeServiceCompanyRequest
Results	Structure ChangeServiceCompanyResponse
Possible errors	Communication errors related to incorrect request format or mismatch between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed, as described in the section of this document, see Errors

7.3.17.1 Structure ChangeServiceCompanyRequest

Title	Type	Length	Required	Description
cashRegisterRegistrationID	string	11	Yes	Identifier in the i.EKA system for the registration of the cash register given to the specific owner. Example: R-000000001
cashRegisterRegistrationNo	string	12	No*	Identifier given to the cash register in the i.EKA system. Example: CR-000000001 * Required if the cash register is assigned a number (the number is not assigned to cash register that do not provide data to the i.EKA system).

7.3.17.2 Structure ChangeServiceCompanyResponse

Title	Type	Length	Required	Description
status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR
error	Structure Error	-	No*	Error information. * Required if the operation status value is ERROR.

7.3.17.3 Structure Error

Title	Type	Length	Required	Description
errorCode	string	250	Yes	Error code, see Klaidos.
descriptions	Structure Descriptions	-	Yes	Error description.

7.3.17.4 Structure Descriptions

Title	Type	Length	Required	Description
description	Structure Description	-	1..2	Error descriptions in Lithuanian and English.

7.3.17.5 Structure Description

Title	Type	Length	Required	Description
locale	enum	-	Yes	An attribute specifying the language of the mismatch message. Attribute Values: - EN - mismatch notice in English. - LT - mismatch notice in Lithuanian.
errorMessage	string	4000	Yes	Error message (description).

7.3.18 Errors

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
ELEMENT_REQUIRED	Mandatory element <item name> is missing.	Request submitted with incomplete, required fields.	Relevant for all described methods.
ELEMENT_PROVIDE_ERROR	The <item name> element must be unfilled.	When a query is submitted with an element that should be unfilled.	Method ReregisterCashRegister Method UpdateCashRegister Method GetServicedUserCashRegisters Method UpdateCashRegisterVersions Method SubmitCashRegisterPreventionWork
MODEL_EDIT_ERROR	The model of the cash register cannot be changed.	Request submitted with changed value of cashRegisterModelNo element.	Method UpdateCashRegister
TAX_PAYER_NOT_FOUND	Person with the given data not found.	If a natural or legal person with the given data is not found/cancelled in the VMI register.	Method GetbusinessAddress Method RegisterCashRegister Method ReregisterCashRegister Method UpdateCashRegister Method GetServicedUserCashRegisters
SERVICE_COMPANY_PROXY_ERROR	Action is not possible. You are not an authorized service company.	When performing an action on a payment instrument that is not assigned to serve a company (which calls the method). I.e. the company calling the method: - is not a payment instrument service company [OR] - the taxpayer has not included the company in the authorized service companies [OR] - the taxpayer has included the company in the authorized service companies, but the authorization is invalid.	Method GetbusinessAddress Method RegisterCashRegister Method ReregisterCashRegister Method UpdateCashRegister Method CancelCashRegister Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate Method GetServicedCashRegisterInformationByRegistrationID Method UpdateCashRegisterAddress Method UpdateCashRegisterVersions Method SubmitCashRegisterPreventionWork Method GetServicedUserCashRegisters Method GetServicedUserCashRegisterInformationByRegistrationID Method ChangeServiceCompany
SERVICE_COMPANY_PROXY_ERROR	Action is not possible. You are not an authorized service company.	When performing an action on a payment instrument that is not assigned to serve a company (which calls the method). I.e. the company calling the method:	Method RegisterCashRegister Method GetServicedUserCashRegisterInformationByRegistrationID Method GetServicedUserCashRegisters Method ChangeServiceCompany Method ReregisterCashRegister

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
		- the taxpayer has not included the company in the authorized service companies [OR] - the taxpayer has included the company in the authorized service companies, but the authorization is invalid.	
UPDATE_ERROR	Actions cannot be performed with a payment instrument with <status> status.	Initiating a method for a payment instrument with status: - Deregistered - Cancelled	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate Method UpdateCashRegisterAddress Method UpdateCashRegisterVersions Method ChangeServiceCompany
NOT_REGISTERED_UPDATE_ERROR	Actions cannot be performed with a payment instrument with <status> status.	Initiating a method for a payment instrument with status: Registration in progress	Method UpdateCashRegisterAddress Method UpdateCashRegisterVersions
CASH_REGISTER_MODEL_NOT_FOUND	The payment instrument model (cashRegisterModelNo) was not found for the specified payment instrument model number.	After specifying the model number of the payment instrument, according to which the model with the status "Included" or "Submitted for deletion" is not found in the i.EKA system.	Method RegisterCashRegister Method UpdateCashRegister
CASH_REGISTER_MODEL_NOT_SERVED	You cannot perform operations on this payment instrument model (cashRegisterModelNo). The service company is not certified to service this payment instrument.	After specifying a payment instrument whose model is not listed with the service company as being serviced with the status "Included". Not checked for PI models that do not require service company certification. I.e. The PI model category has the property "Is a service company certificate required?" = No.	Method RegisterCashRegister Method UpdateCashRegister Method CancelCashRegister Method RegisterTransportModuleIntermediateCertificate Method UpdateTransportModuleCertificate Method UpdateCashRegisterAddress Method UpdateCashRegisterVersions Method SubmitCashRegisterPreventionWork
CASH_REGISTER_SERIES_NUMBER_DUPLICATE	A payment instrument of the same model is already registered in the system with the	After providing a duplicate PI serial number which is already used on	Method RegisterCashRegister Method UpdateCashRegister

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
	same manufacturer's serial number (cashRegisterSeriesNo).	another PI of the same model. I.e. the model number is a duplicate of another PI registration, which has a status of not : • Draft • Cancelled • Unregistered	
CASH_REGISTER_HARDWARE_VERSION_ERROR	The specified hardware version (cashRegisterHardwareVersionID) is not registered in the i.EKA system for this PI model or is invalid.	After specifying a hardware version ID that is not registered for the PI model or a version that is no longer valid.	Method RegisterCashRegister Method UpdateCashRegister Method UpdateCashRegisterVersions
CASH_REGISTER_SOFTWARE_VERSION_ERROR	The specified software version (cashRegisterSoftwareVersionID) is not registered in the i.EKA system for this PI model or is invalid.	After specifying a software version ID that is not registered for the PI model or a version that is no longer valid.	Method RegisterCashRegister Method UpdateCashRegister Method UpdateCashRegisterVersions
CERTIFIED_EMPLOYEE_NOT_FOUND	The employee with the specified ID (certifiedEmployeeID) is not found in the service company or is deleted.	After specifying an employee ID that is not a registered certified employee with the corresponding service company (which calls the method) with a status of "Included" or "Submitted for deletion".	Method RegisterCashRegister Method ReregisterCashRegister Method UpdateCashRegister Method SubmitCashRegisterPreventionWork Method UpdateCashRegisterAddress
CERTIFIED_EMPLOYEE_CERTIFICATE_ERROR	The specified employee (certifiedEmployeeID) is not certified to service the specified model.	After specifying an employee ID for which no certified employee that has the serviceable model specified in the certificate with a status of "Included" was found. It is validated if the PI model has the property "Does the service company's certificate need?" = Yes.	Method RegisterCashRegister Method ReregisterCashRegister Method UpdateCashRegister Method SubmitCashRegisterPreventionWork Method UpdateCashRegisterAddress
NOT_CERTIFIED_EMPLOYEE_ERROR	No certified employee information is provided. For this PI model, the information of the certified employee (certifiedEmployeeID) must be specified.	No certified employee specified in the certifiedEmployeeID element. It is validated if the PI model has the property "Does the service company's certificate need?" = Yes.	Method RegisterCashRegister Method ReregisterCashRegister Method UpdateCashRegister Method SubmitCashRegisterPreventionWork Method UpdateCashRegisterAddress

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
SECURITY_MODULE_NO_ERROR	The elements (securityModuleSeriesNo OR securityModuleIdentificationNo) contain invalid characters. Only international ASCII printable characters are available.	After specifying characters that are not allowed in the securityModuleSeriesNo or securityModuleIdentificationNo elements.	Method RegisterCashRegister Method UpdateCashRegister
SECURITY_MODULE_HARDWARE_VERSION_ERROR	The specified version (securityModuleHardwareVersionID) is not registered in the i.EKA system for this PI model or is invalid.	When specified version (securityModuleHardwareVersionID) is not registered in the i.EKA system for this PI model or is invalid.	Method RegisterCashRegister Method UpdateCashRegister Method UpdateCashRegisterVersions
SECURITY_MODULE_SOFTWARE_VERSION_ERROR	The specified version (securityModuleSoftwareVersionID) is not registered in the i.EKA system for this PI model or is invalid.	After specifying a security module software version ID that is not registered for the payment instrument model or the specified version is no longer valid.	Method RegisterCashRegister Method UpdateCashRegister Method UpdateCashRegisterVersions
TAX_PAYER_TYPE_ERROR	A non-existent user type (cashRegisterownerType) was specified.	Specifying a person type other than one of the following values: - INDIVIDUAL - LEGAL_PERSON	Method RegisterCashRegister Method UpdateCashRegister Method ReregisterCashRegister
TAX_PAYER_TYPE_NOT_MATCH	The user data provided does not match the specified person type.	After providing the data of a natural person (cashRegisterownerName and/or cashRegisterownerSurname) when the type LEGAL_PERSON is specified. OR Providing only the legal entity code (cashRegisterOwnerCode) when the person type is INDIVIDUAL.	Method RegisterCashRegister Method UpdateCashRegister Method ReregisterCashRegister
TAX_PAYER_HAS_NO_IA	A payment instrument cannot be registered for the user. The person does not have the required activities registered with VMI.	After specifying the owner of the payment instrument (natural person) who does not have the required activity registered with the VMI. Only those payment instruments for which it is indicated that the type of activity of a natural person must be checked during registration are checked. I.e. according	Method RegisterCashRegister Method ReregisterCashRegister Method UpdateCashRegister

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
		to PI type classifier properties "Required FA activity type/types".	
CASH_REGISTER_TYPE_OF_USE_ERROR	The purpose of use (cashRegisterPurpose) specified for the payment instrument is not available.	After specifying the purpose of use of the payment instrument, which is not possible for the selected model type. For example, only FOR_USE is possible for payment instruments with SM and FV, taximeters, terminals and vending machines. Checked against the "Possible purposes" property of the PI type classifier.	Method RegisterCashRegister Method UpdateCashRegister
CASH_REGISTER_TYPE_OF_USE_NOT_FOUND	A non-existent purpose of use (cashRegisterPurpose) was specified for the payment instrument.	Specifying a usage type other than the following values: • FOR_USE • TRAINING • RESERVE	Method RegisterCashRegister Method UpdateCashRegister
CASH_REGISTER_TYPE_OF_PLACE_ERROR	The usage place type (cashRegisterPlaceType) specified for the payment instrument is not available.	After specifying the type of place of use of the payment instrument, which is not possible for the selected model type. For example, the only possible location type for taximeters is OTHER.	Method RegisterCashRegister Method UpdateCashRegister Method UpdateCashRegisterAddress
CASH_REGISTER_TYPE_OF_PLACE_NOT_FOUND	A non-existent place type (cashRegisterPlaceType) was specified for the payment instrument.	Specifying a usage type other than the following values: • DEVICE • OTHER	Method RegisterCashRegister Method UpdateCashRegister Method ReregisterCashRegister Method UpdateCashRegisterAddress
CASH_REGISTER_ADDRESS_IDENTIFIER_ERROR	The indicated address for the use of the payment instrument (cashRegisterAddressId) is not available for the PI user.	By specifying the address ID of the use of the payment instrument, which is not registered for the activity of the user of the payment instrument in the VMI system.	Method RegisterCashRegister Method UpdateCashRegister Method ReregisterCashRegister Method UpdateCashRegisterAddress
ADDRESS_ITEM_IDENTIFIER_ERROR	The address is not found by the specified elements.	Address values (AddressItem) is not found in the address register.	Method RegisterCashRegister Method UpdateCashRegister Method ReregisterCashRegister Method UpdateCashRegisterAddress
CASH_REGISTER_REGISTRATION_ID_NOT_FOUND	The payment instrument with the specified registration identifier	After specifying the identifier given to the specific owner for the registration of the	Method ReregisterCashRegister Method UpdateCashRegister

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
	(cashRegisterRegistrationID) is not found in the i.EKA system.	payment instrument in the i.EKA system, which is not in the i.EKA system. Identifier example: R-000000001	
CASH_REGISTER_REGISTRATION_NO_NOT_FOUND	The payment instrument with the specified registration number (cashRegisterRegistrationNo) is not available in the i.EKA system.	After specifying the identifier of the payment instrument in the i.EKA system, which is not in the i.EKA system. Number example: RC-000000001	Method ReregisterCashRegister Method UpdateCashRegister
REREGISTER_MODEL_SUSPENDED	The settlement instrument cannot be re-registered as the settlement instrument model is suspended.	Instructing the re-registration of a payment instrument whose model is suspended.	Method ReregisterCashRegister
REREGISTER_MODEL_DEREGISTERED	A cash register cannot be re-registered because the cash register model is excluded.	Specified to re-register a cash register whose model has been deregistered and the due date is specified in the element "Date from which AP model has been excluded".	Method ReregisterCashRegister
SECURITY_MODULE_REGISTRATION_NO_NOT_FOUND	The payment instrument with the specified security module identifier (securityModuleRegistrationNo) is not found in the i.EKA system.	After specifying the security module identifier of the payment instrument in the i.EKA system, which is not found in the i.EKA system. Number example: SM-000000001	Method ReregisterCashRegister
REGISTRATIONS_NO_NOT_MATCH	The specified numbers (<specified elements of mismatched numbers: cashRegisterRegistrationID, cashRegisterRegistrationNo, securityModuleRegistrationNo>) do not correspond to the payment instrument registered in the i.EKA system.	After specifying the numbers (cashRegisterRegistrationID, cashRegisterRegistrationNo / securityModuleRegistrationNo), according to which there is no payment instruments in the i.EKA system.	Method CancelCashRegister Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate Method UpdateCashRegisterAddress Method UpdateCashRegisterVersions Method SubmitCashRegisterPreventionWork Method ChangeServiceCompany
CASH_REGISTER_NOT_DEREGISTERED	The specified payment instrument cannot be re-registered, as it is not unregistered for the user in the i.EKA system.	After indicating the data of the payment instrument, which is not unregistered in the i.EKA system. I.e. does not have a "Unregistered" status.	Method ReregisterCashRegister

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
CASH_REGISTER_IS_NOT_LAST	The specified payment instrument cannot be re-registered because the specified registration (cashRegisterRegistrationID) with the status "Deregistered" is not the last one. Last registration no: <payment instrument last registration no (cashRegisterRegistrationID)>	After specifying the registration number of the payment instrument. (cashRegisterRegistrationID) which is not the last payment instrument registration with the status "Deregistered".	Method ReregisterCashRegister
CASH_REGISTER_HSM_ERROR	The specified payment instrument cannot be re-registered because it uses a security module with type HSM. Register as a new payment instrument.	After specifying the data of the payment instrument, which is unregistered in the i.EKA system AND the payment instrument is equipped with a security module of type "HSM".	Method ReregisterCashRegister
CASH_REGISTER_VF_ERROR	The specified payment instrument cannot be re-registered because it uses virtual fiscalization. Register as a new payment instrument.	After specifying the data of the payment instrument, which is unregistered in the i.EKA system AND the payment instrument is equipped with a security module of the "Virtual" type.	Method ReregisterCashRegister
CASH_REGISTER_DEACTIVATED_ERROR	The specified payment instrument cannot be re-registered because the security module is deactivated. Register as a new payment instrument.	After indicating the data of the payment instrument, which is unregistered in the i.EKA system AND during unregistration, it is indicated that the security module is deactivated.	Method ReregisterCashRegister
CASH_REGISTER_UPDATE_ERROR	Payment instrument data cannot be updated. Payment instrument data can only be updated as long as the status of the payment instrument is "Registering" and the security module is not activated.	When specifying to update the data of a payment instrument whose status is not "Registering" OR is "Registering", but a security module certificate is specified in the i.EKA system. I.e. it is allowed to update the data only as long as the status of the payment instrument is "Registered" and there is no security module certificate transferred	Method UpdateCashRegister

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
		to the i.EKA system with the status "Valid".	
CASH_REGISTER_CANCEL_ERROR	Cancellation of the payment instrument is not possible. Payment instrument data can only be canceled as long as the status of the payment instrument is "Registering" and the security module is not activated.	When specifying to cancel the data of a payment instrument whose status is not "Registering" OR is "Registering", but the certificate of the security module is specified in the i.EKA system. I.e. it is allowed to update the data only as long as the status of the payment instrument is "Registered" and there is no security module certificate transferred to the i.EKA system with the status "Valid".	Method CancelCashRegister
TRANSPORT_MODULE_CERTIFICATE_ERROR	The certificate cannot be registered to the settlement instrument because the settlement instrument does not have a data transfer (transport) module.	When specifying a data transfer (transport) module certificate for a payment instrument that does not have a data transfer (transport) module. I.e. payment instrument is without SM and virtual fiscalization.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
TRANSPORT_MODULE_DUPLICATE_ERROR	The certificate cannot be registered because the payment instrument already has a registered data transfer (transport) certificate.	When attempting to register a data transfer (transport) module certificate, when a data transfer (transport) module certificate is already registered for the payment instrument.	Method RegisterTransportModuleCertificate
CERTIFICATE_DUPLICATE_ERROR	Such a certificate is already registered for another payment instrument.	When specifying the public key of a certificate that is already registered for another payment instrument.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
TRANSPORT_MODULE_UPDATE_ERROR	The certificate cannot be changed because there is no registered data transfer (transport) certificate.	Specifying to update the data transfer (transport) module certificate when there is no data transfer (transport) certificate saved for the payment instrument.	Method UpdateTransportModuleCertificate

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
CERTIFICATE_PUBLIC_KEY_ERROR_FILE_TYPE	Invalid public key file format. The format must be PEM or DER.	When adding the certificate public key in a format other than PEM or DER.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_RSA	Invalid public key. The certificate is not of the RSA type.	When adding the public key of the certificate, when the certificate is not of RSA type.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_2048_BIT	Invalid public key. The key length is not 2048 bit.	When adding the public key which is not 2048 bit in length.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_SHA256	Invalid public key. The hash function used is not SHA256.	When adding the public key of the certificate when the certificate is not formed with hash function SHA256.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_NOT_TRUSTED	Invalid certificate. The certificate is not signed by the intermediate certificate of the service company issued by STI for validating the data transfer certificates used in the payment instrument.	Specifying the public key of the certificate, when the certificate is not signed by a STI-issued intermediate certificate of the service company for validating the data transfer certificates used in the payment instrument.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_VALID_TOO_LONG	Wrong certificate. The certificate is valid longer than 2 years.	Specifying a certificate that is valid longer than 2 years.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_SUBJECT_ERROR	Wrong certificate. The subject of the certificate is the same as the subject in the intermediate certificate.	Specifying a certificate that has the same subject as intermediate certificate.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
CERTIFICATE_NOT_VALID	Incorrect certificate. The certificate is invalid	Specifying a certificate that is not valid or has expired.	Method RegisterTransportModuleCertificate Method UpdateTransportModuleCertificate
FUTURE_DATE_ERROR	The specified date cannot be a future date.	When specifying a date later than the current date.	Method SubmitCashRegisterPreventionWork
CASH_REGISTER_SERVICE_COMPANY_DUPLICAT	It is not possible to change the service company. The service company coincides with the already responsible service company of the cash register.	When trying to change the responsible service provider of the cash register to the same responsible service provider.	Method ChangeServiceCompany

CERTIFICATE_IS_CANCELED	The request is not possible, the certificate is revoked (invalid).	When submitting a request with a revoked (invalid) certificate identifying the service provider.	Relevant for all described methods.
NOT_ALLOWED_REGISTERED_NOW	Payment instrument of this model is not allowed to be registered in the i.EKA system until <"Date from which registration of payment instruments without SM and VF is allowed">.	When registered old type payment instrument (without SM or VF).	Method ReregisterCashRegister
INTERNAL_SERVER_ERROR	Unknown error.	After submitting a request when an unknown (unexpected) error occurs.	Relevant for all described methods.
Error code	Error description	Error reason	Methods featuring error

7.3.19 Service WSDL

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<wsdl:definitions xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:tns="http://cash-
register.ieka.vmi.lt" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:ns1="http://schemas.xmlsoap.org/soap/http"
name="ServiceCompanyCashRegisterWebService" targetNamespace="http://cash-
register.ieka.vmi.lt">
<wsdl:types>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://cash-
register.ieka.vmi.lt" attributeFormDefault="unqualified"
elementFormDefault="qualified" targetNamespace="http://cash-register.ieka.vmi.lt"
version="1.0">
<xs:complexType name="CancelCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonės, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (a number is not
assigned to PIs that do not provide data to the i.EKA system)</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CancelCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
```



```

<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Error">
<xs:sequence>
<xs:element name="errorCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos kodas.</xs:documentation>
<xs:documentation xml:lang="en">Error code.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="descriptions">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai.</xs:documentation>
<xs:documentation xml:lang="en">Error descriptions.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="2" name="description" type="tns:Description">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai lietuvių ir anglų
kalbomis.</xs:documentation>
<xs:documentation xml:lang="en">Error descriptions in lithuanian and
english.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Description">
<xs:sequence>
<xs:element name="locale" type="tns:Locale">
<xs:annotation>
<xs:documentation xml:lang="lt">Atributas, nurodantis neatitikties pranešimo kalbą.
Atributo reikšmės: EN, LT.</xs:documentation>
<xs:documentation xml:lang="en">An attribute specifying the language of the mismatch
message. Attribute Values: EN, LT.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="errorMessage">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos pranešimas (aprašas).</xs:documentation>
<xs:documentation xml:lang="en">Error message (description).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="4000"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>

```

```

</xs:complexType>
<xs:complexType name="GetBusinessAddressRequest">
<xs:sequence>
<xs:element name="personCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmens / įmonės identifikacinis numeris (kodas).
Fiziniam asmeniui – LR asmens kodas (užsieniečiams – MM kodas, identifikuojantis
klientą). Juridiniam asmeniui – juridinio asmens kodas (jei užsienio juridinis asmuo,
tai VMI suteiktas 10 sk. kodas).</xs:documentation>
<xs:documentation xml:lang="en">Identification number (code) of the person/company.
Natural person – LR personal code (for foreigners – MM code identifying the client).
Legal person – legal person code (if foreign, then the 10 char. code provided by
VMI).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="30"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="name">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmens vardas. Privalomas ir teikiamas, jei elemente
personCode nurodytas fizinio asmens kodas.</xs:documentation>
<xs:documentation xml:lang="en">First name. Required and provided if a natural
person's code is entered in the element personCode.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="surname">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmens pavardė. Privalomas ir teikiamas, jei elemente
personCode nurodytas fizinio asmens kodas.</xs:documentation>
<xs:documentation xml:lang="en">Last name. Required and provided if a natural person's
code is entered in the element personCode.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetBusinessAddressResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="addresses">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Asmeniui registruoti veiklos
adresai.</xs:documentation>
<xs:documentation xml:lang="en">Business addresses registered for a
person.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="address" type="tns:Address">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmeniui registruoti veiklos
adresai.</xs:documentation>
<xs:documentation xml:lang="en">Business addresses registered for a
person.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the transaction status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Address">
<xs:sequence>
<xs:element name="addressId" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Adreso identifikatorius. Registru centro adresui
suteiktas identifikatorius.</xs:documentation>
<xs:documentation xml:lang="en">Address identifier. Identifier assigned by the
registry center.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="address">
<xs:annotation>
<xs:documentation xml:lang="lt">Adreso pilnas pavadinimas. Pvz.: Fabijoniškių g. 10-2,
Vilniaus m., Vilniaus m. sav.</xs:documentation>
<xs:documentation xml:lang="en">Full address. Example: Fabijoniškių g. 10-2, Vilniaus
m., Vilniaus m. sav.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="RegisterTransportModuleCertificateRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>

```

```

<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the cash register given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the cash register in the i.EKA
system. Example: CR-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="certificate" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Pateikiamas sertifikatas PEM arba DER formato failu.
Reikalavimai: RSA tipas, rakto ilgis: 2048 bit, maišos funkcija (angl. hash): SHA256,
sertifikatas pasirašytas VMI išduotu aptarnavimo įmonės tarpiniu sertifikatu, skirtu
tvirtinti atsiskaitymo priemonėje naudojamus duomenų perdavimo sertifikatus,
sertifikatas išduotas tos pačios įmonės, kuri registruoja sertifikatą i.EKA
sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">Certificate provided as a PEM or DER file.
Requirements: RSA type, key length: 2048 bit, hash: SHA256, the certificate is signed
by the intermediate certificate of the service company issued by STI, intended to
approve the data transfer certificates used in the cash register, the certificate was
issued by the same company that registered the certificate in the i.EKA
system.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="RegisterTransportModuleCertificateResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Certificate serial number. The serial number is
provided in decimal format. Required if the operation status value is
SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">

```

```

<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SubmitCashRegisterPreventionWorksRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonės, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (the number is not
assigned to PIs that do not provide data to the i.EKA system).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="preventionWork">
<xs:annotation>
<xs:documentation xml:lang="lt">Nurodomi atlikti darbai.</xs:documentation>
<xs:documentation xml:lang="en">Performed prevention work.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="preventionWorkDate" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Atliktų darbų data.</xs:documentation>
<xs:documentation xml:lang="en">Date of performed prevention work.</xs:documentation>

```

```

</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployeeId" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001. Teikiamas, kai registruojamai AP modelio kategorijai yra
reikalingas aptarnavimo įmonės sertifikatas.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Obtainment of the employee ID is described in the AI001
integration specification. Required when a service company certificate is required for
the registered PI model category.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="employee">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo vardas ir pavardė.
Teikiamas, kai registruojamai AP modelio kategorijai nėra reikalingas aptarnavimo
įmonės sertifikatas. T. y. teikiamas, kai neteikiama reikšmė elemente
certifiedEmployeeID.</xs:documentation>
<xs:documentation xml:lang="en">Name and surname of the employee of the service
company. Required when a service company certificate is not required for the
registered PI model category. I.e. when no value is provided in the
certifiedEmployeeID element.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SubmitCashRegisterPreventionWorksResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="RegisterCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterInformation" type="tns:CashRegisterInformation">
<xs:annotation>
<xs:documentation xml:lang="lt">Registruojamos atsiskaitymo priemonės
informacija.</xs:documentation>
<xs:documentation xml:lang="en">Details of the payment instrument being
registered.</xs:documentation>

```

```

</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CashRegisterInformation">
<xs:sequence>
<xs:element minOccurs="0" name="cashRegisterModelNo" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės modelio numeris (modelNo).
i.EKA sistemos modeliui suteiktas numeris. Modelio numerio gavimas aprašytas
integracijos specifikacijoje AI001. Privalomas. Neteikiamas (negali būti redaguojamas)
tik su metodu UpdateCashRegister.</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument model number (modelNo). Number
assigned to the i.EKA system model. Retrieval of the model number is described in the
AI001 integration specification. Required. Not provided (cannot be edited) only with
UpdateCashRegister method.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterSeriesNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei gamintojo suteiktas serijos
numeris.</xs:documentation>
<xs:documentation xml:lang="en">Manufacturer's serial number for the payment
instrument.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="50"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterHardwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo modelio aparatinės įrangos versija
(cashRegisterHardwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Privalomas ir teikiamas tik, jei AP modelis turi galiojančių
aparatinės įrangos versijų.</xs:documentation>
<xs:documentation xml:lang="en">The hardware version of the model in use
(cashRegisterHardwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the PI model has valid hardware
versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterSoftwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo modelio programinės įrangos versija
(cashRegisterSoftwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Privalomas ir teikiamas tik, jei AP modelis turi galiojančių
programinės įrangos versijų.</xs:documentation>
<xs:documentation xml:lang="en">The software version of the model in use
(cashRegisterSoftwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the PI model has valid software
versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001. Teikiamas ir privalomas, kai registruojamai AP modelio
kategorijai yra reikalingas aptarnavimo įmonės sertifikatas.</xs:documentation>

```



```

<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Obtainment of the employee ID is described in the AI001
integration specification. Required when a service company certificate is required for
the registered PI model category.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="employee">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo vardas ir pavardė.
Teikiamas ir privalomas, kai registruojamai AP modelio kategorijai nėra reikalingas
aptarnavimo įmonės sertifikatas. T. y. teikiamas, kai neteikiama reikšmė elemente
certifiedEmployeeID.</xs:documentation>
<xs:documentation xml:lang="en">Name and surname of the employee of the service
company. Required when a service company certificate is not required for the
registered PI model category. I.e. when no value is provided in the
certifiedEmployeeID element.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="technicalPassportSerialNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Techninio paso serija. Teikiamas ir privalomas tik
autonominiams kasos aparatams ir automatams. T. y. kai AP tipas turi vieną iš šių
savybių: „Autonominis kasos aparatas“= Taip „Automatas“= Taip</xs:documentation>
<xs:documentation xml:lang="en">Technical passport series. Provided and mandatory only
for autonomous cash registers and vending machines. I.e. when the AP type has one of
the following properties: "Autonomous cash register"= Yes "Automatic"=
Yes</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="technicalPassportNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Techninio paso numeris. Teikiamas ir privalomas tik
autonominiams kasos aparatams ir automatams. T. y. kai AP tipas turi vieną iš šių
savybių: „Autonominis kasos aparatas“= Taip „Automatas“= Taip</xs:documentation>
<xs:documentation xml:lang="en">Technical passport no. Provided and mandatory only for
autonomous cash registers and vending machines. I.e. when the AP type has one of the
following properties: "Autonomous cash register"= Yes "Automatic"=
Yes</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleSeriesNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Saugos modulio gamintojo suteiktas unikalūs įrangos
serijinis numeris. Galimi tik tarptautiniai ASCII spausdinami simboliai. Žr.
http://facweb.cs.depaul.edu/sjost/it212/documents/ascii-pr.htm Teikiamas ir
privalomas, jei AP tipas yra su saugos moduliu.</xs:documentation>

```



```

<xs:documentation xml:lang="en">Manufacturer's serial number for the security module.
Only international ASCII printable characters are available. See:
http://facweb.cs.depaul.edu/sjost/it212/documents/ascii-pr.htm Required if PI contains
a security module.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="24"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleIdentificationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Saugos modulio identifikacinis numeris, suteiktas
aptarnavimo įmonės saugos modulio paruošimo metu. Galimi tik tarptautiniai ASCII
spausdinami simboliai. Žr. http://facweb.cs.depaul.edu/sjost/it212/documents/ascii-pr.htm Teikiamas ir privalomas, jei AP tipas yra su saugos moduliu.</xs:documentation>
<xs:documentation xml:lang="en">The identification number provided by the service
company during the preparation of the security module. Only international ASCII
printable characters are available. See:
http://facweb.cs.depaul.edu/sjost/it212/documents/ascii-pr.htm Required if PI contains
a security module.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="32"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleHardwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo saugos modulio aparatinės įrangos versija
(securityModuleHardwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Teikiamas ir privalomas, jei AP modelio saugos modulis turi
galiojančių aparatinės įrangos versijų.</xs:documentation>
<xs:documentation xml:lang="en">Hardware version of the security module used.
(securityModuleHardwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the PI model has valid hardware
versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleSoftwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo saugos modulio programinės įrangos versija
(securityModuleSoftwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Teikiamas ir privalomas, jei AP modelio saugos modulis turi
galiojančių programinės įrangos versijų.</xs:documentation>
<xs:documentation xml:lang="en">Software version of the security module used.
(securityModuleSoftwareVersion → versionId) . Obtainment of the version ID is
described in the AI001 integration specification. Required if the PI model has valid
software versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="cashRegisterOwnerType" type="tns:CashRegisterOwnerType">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės savininko tipas. Galimos
reikšmės: INDIVIDUAL – Fizinis asmuo, LEGAL_PERSON – Juridinis
asmuo</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument owner type. Possible values:
INDIVIDUAL – Natural person, LEGAL_PERSON – Legal person</xs:documentation>
</xs:annotation>

```

```

</xs:element>
<xs:element minOccurs="0" name="cashRegisterOwnerCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės savininko identifikacinis
kodas. Fiziniam asmeniui - LR asmens kodas (užsieniečiams - MM kodas,
identifikuojantis klientą). Juridiniam asmeniui - juridinio asmens kodas (jei užsienio
juridinis asmuo, tai VMI suteiktas 10 sk. kodas).</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument owner identification code. Natural
person - LR personal code (for foreigners - MM code identifying the client). Legal
person - legal person code (if foreign, then the 10 char. code provided by
VMI).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="30"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterOwnerName">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės savininko vardas ir pavardė.
Teikiamas ir privalomas tik, kai elemente cashRegisterOwnerType nurodyta reikšmė
INDIVIDUAL.</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument owner's first name and last name.
Required only when cashRegisterOwnerType element has INDIVIDUAL
value.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterPurpose" type="tns:CashRegisterPurpose">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės paskirtis. Galimos reikšmės:
FOR_USE - Naudoti, TRAINING - Mokymams, RESERVE - Rezervinis. Reikšmė RESERVE negalima
atsiskaitymo priemonėms, kurios teikia kvitų duomenis į i.EKA sistemą. Jei AP
registruojama kaip rezervinė, ji užregistruota turi būti fiksuojama kaip sustabdyta.
Atkreipti dėmesį, kad mokymams užregistruota atsiskaitymo priemonė su saugos modulių
niekada negalės pereiti į būseną FOR_USE. T. y. visi AP saugos moduliai registruojami
naudojimui (FOR_USE) turi būti registruojami su nuliniiais skaitliukais. Išskyrus
perregistruojant naudotą AP su tuo pačiu saugos modeliu, kurios naudojimo paskirtis
buvo FOR_USE</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument purpose. Possible values: FOR_USE -
For use. TRAINING - For training purposes. RESERVE - Reserve. The RESERVE value is not
available for payment instruments that provide data to the i.EKA system by receipt. If
the PI is registered as a reserve, it must be recorded as suspended. Note that a PI
registered for training with a security module will never be able to transition to the
FOR_USE state. I.e. all PI security modules registered as FOR_USE must be registered
with zeroed counters. Except for the re-registration of a used PI with the same
security model that was registered as FOR_USE.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="cashRegisterPlaceType" type="tns:CashRegisterPlaceType">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės vietos tipas. Galimos reikšmės:
DEVICE - Įrenginio adresas, OTHER - Kitas adresas (buveinė, gyvenamoji vieta,
pan.)</xs:documentation>

```

```

<xs:documentation xml:lang="en">Placement type of the payment instrument. Possible
values: DEVICE - Device address, OTHER - Other address (tenement, place of residence,
etc.)</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterAddressId" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naudojimo adresas. Teikiamas
adreso identifikatorius. Nurodomas savininkui registruotos veiklos adreso ID
(addressId → addressId). Adresai gaunami su metodu GetBusinessAddress. Neprivalomas,
jei atsiskaitymo priemonė registruojama fiziniam asmeniui.</xs:documentation>
<xs:documentation xml:lang="en">Address for use of the payment instrument. An address
identifier is provided. The address ID of the activity registered to the owner is
indicated (addressId → addressId). Addresses are obtained using the GetBusinessAddress
method. Not required if the payment instrument is registered to a natural
person.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="otherCashRegisterAddress"
type="tns:OtherCashRegisterAddress">
<xs:annotation>
<xs:documentation xml:lang="lt">Fizinio asmens atsiskaitymo priemonės naudojimo
adresas. Gali būti teikiamas tik, jei AP registruojama fiziniam asmeniui. Privalomas
ir teikiamas, jei nenurodoma reikšmė elemente cashRegisterAddressId. Teikiama tik kai
asmuo nėra registravęs veiklos VMI reikalingu adresu.</xs:documentation>
<xs:documentation xml:lang="en">Address of the natural person using the payment
instrument. Can only be provided if the PI is registered for a natural person.
Required if no value is specified in the cashRegisterAddressId element. Required only
when the person has not registered the activity with the VMI at the required
address.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterAddressName">
<xs:annotation>
<xs:documentation xml:lang="lt">Nurodomas adreso patikslinimas, pvz. konkrečios
prekybos vietos, palapinės ar pan. numeris.</xs:documentation>
<xs:documentation xml:lang="en">Specify the address, e.g. the number of a particular
outlet, tent, etc.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="workingNameOfCashRegister">
<xs:annotation>
<xs:documentation xml:lang="lt">Darbinis atsiskaitymo priemonės pavadinimas pagal
kurį naudotojas identifikuoja savo atsiskaitymo priemonę.</xs:documentation>
<xs:documentation xml:lang="en">The working name of the payment instrument by which
the user identifies his payment instrument.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="fiscalDayNo">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Ataskaitos (Z) numeris. Teikiamas ir privalomas tik
atsiskaitymo priemonėms, kurių tipas turi savybę „Veiksmo suvedimui reikalingi
ataskaitos (Z) duomenys“=Taip. T. y. toms AP, kurių tipas
AUTONOMOUS.</xs:documentation>
<xs:documentation xml:lang="en">Number of fiscal day document. Required only when cash
register type is AUTONOMOUS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="fiscalDayDateTime" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Ataskaitos (Z) data. Teikiamas ir privalomas tik
atsiskaitymo priemonėms, kurių tipas turi savybę „Veiksmo suvedimui reikalingi
ataskaitos (Z) duomenys“=Taip. T. y. toms AP, kurių tipas
AUTONOMOUS.</xs:documentation>
<xs:documentation xml:lang="en">Date and time of fiscal day document. Required only
when cash register type is AUTONOMOUS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="GT">
<xs:annotation>
<xs:documentation xml:lang="lt">GT skaitiklis. Pateikiama bendra suma eurais. Skaičius
iki 2 sk. po kablelio. Teikiamas ir privalomas tik atsiskaitymo priemonėms, kurių
tipas turi savybę „Veiksmo suvedimui reikalingi ataskaitos (Z) duomenys“=Taip. T. y.
toms AP, kurių tipas AUTONOMOUS.</xs:documentation>
<xs:documentation xml:lang="en">GT counter. The total amount is given in euros.
Required only when cash register type is AUTONOMOUS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:decimal">
<xs:totalDigits value="21"/>
<xs:fractionDigits value="2"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="status" type="tns:Status">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsisiskaitymo priemonės registravimo būseną i.EKA
sistemoje. Galimos reikšmės: SUBMITTED_TO_DEREGISTER, DEREGISTERED,
SUBMITTED_TO_SUSPEND, SUSPENDED, SUBMITTED_TO_REGISTER, REGISTERED. Neteikiama su
metodais: Metodos RegisterCashRegister, Metodos UpdateCashRegister.</xs:documentation>
<xs:documentation xml:lang="en">Cash register registration status in the i.EKA system.
Possible values: SUBMITTED_TO_DEREGISTER, DEREGISTERED, SUBMITTED_TO_SUSPEND,
SUSPENDED, SUBMITTED_TO_REGISTER, REGISTERED. Not provided with methods: Method
RegisterCashRegister, Method UpdateCashRegister.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="imisNo">
<xs:annotation>
<xs:documentation xml:lang="lt">IMIS sistemoje registruotos AP Nr. Pateikiama tik toms
AP, kurios numigravus iš IMIS. Neteikiama su metodais: Metodos RegisterCashRegister,
Metodos UpdateCashRegister.</xs:documentation>
<xs:documentation xml:lang="en">Cash register No in the IMIS system. Can only be
provided for cash registers which are migrated from IMIS system to i.EKA. Not provided
with methods: Method RegisterCashRegister, Method
UpdateCashRegister</xs:documentation>
</xs:annotation>

```

```

<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="50"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterProblems">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei užfiksuotos neatitiktys i.EKA
sistemoje. Neteikiama su metodais: Metodas RegisterCashRegister, Metodas
UpdateCashRegister.</xs:documentation>
<xs:documentation xml:lang="en">Problems which are assign to the cash register in the
i.EKA system. Not provided with methods: Method RegisterCashRegister, Method
UpdateCashRegister</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="cashRegisterProblem"
type="tns:CashRegisterProblem">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei užfiksuotos neatitiktys i.EKA
sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">Problems which are assign to the cash register in the
i.EKA system.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="OtherCashRegisterAddress">
<xs:sequence>
<xs:element minOccurs="0" name="municipality" type="tns:AddressItem">
<xs:annotation>
<xs:documentation xml:lang="lt">Savivaldybė.</xs:documentation>
<xs:documentation xml:lang="en">Municipality.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="settlement" type="tns:AddressItem">
<xs:annotation>
<xs:documentation xml:lang="lt">Miestas ar gyvenvietė.</xs:documentation>
<xs:documentation xml:lang="en">City.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="street" type="tns:AddressItem">
<xs:annotation>
<xs:documentation xml:lang="lt">Gatvė.</xs:documentation>
<xs:documentation xml:lang="en">Street.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="houseNo" type="xs:string">
<xs:annotation>
<xs:documentation xml:lang="lt">Namų numeris.</xs:documentation>
<xs:documentation xml:lang="en">House number.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="apartmentNo" type="xs:string">
<xs:annotation>
<xs:documentation xml:lang="lt">Patalpų numeris / butas.</xs:documentation>
<xs:documentation xml:lang="en">Flat number.</xs:documentation>

```

```

</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="AddressItem">
<xs:sequence>
<xs:element minOccurs="0" name="identifier" type="xs:int">
<xs:annotation>
<xs:documentation xml:lang="lt">Adreso elemento reikšmės identifikatorius,
atitinkantis registrų centro kodą. Žr. https://www.registrucentras.lt/p/1192 Kodas
tikrinamas pagal aukštesnio lygio adreso komponento identifikatorių. Pvz., nurodytas
settlement identifikatorius turi būti nurodytoje savivaldybėje (municipality), o
nurodyta gatvė (street) nurodytame mieste / gyvenvietėje (settlement). Neprivalomas,
jei teikiama elemento name reikšmė.</xs:documentation>
<xs:documentation xml:lang="en">Address element value identifier corresponding to the
Registry Center code. See: https://www.registrucentras.lt/p/1192. The code is checked
against the higher-level address component identifier. E.g. the specified settlement
identifier must be in the specified municipality, and the specified street must be in
the specified city/settlement. Not required if a value is given for name
element.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="name">
<xs:annotation>
<xs:documentation xml:lang="lt">Adreso elemento reikšmės pavadinimas, atitinkantis
registrų centre naudojamą adreso reikšmės pavadinimą. Žr.
https://www.registrucentras.lt/p/1192 Reikšmė ignoruojama, jei perduodama reikšmė
identifier. Pavadinimas tikrinamas pagal aukštesnio lygio adreso komponento pateiktą
adreso komponentą. Pvz., nurodytas settlement pavadinimas turi būti nurodytoje
savivaldybėje (municipality), o nurodyta gatvė (street) nurodytame mieste/gyvenvietėje
(settlement). Neprivalomas, jei teikiama elemento identifier
reikšmė.</xs:documentation>
<xs:documentation xml:lang="en">Address element value name corresponding to the
address value name used in the registry center. See:
https://www.registrucentras.lt/p/1192. Value is ignored if identifier element contains
a value. The code is checked against the higher-level address component identifier.
E.g. the specified settlement identifier must be in the specified municipality, and
the specified street must be in the specified city/settlement. Not required if a value
is given for identifier element.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="CashRegisterProblem">
<xs:sequence>
<xs:element name="problem" type="tns:Problem">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei užfiksuota neatitiktis i.EKA
sistemoje. Galimos neatitiktys: INVALID_ADDRESS - veiklos adresas, kuriame registruota
naudojama atsiskaitymo priemonė, yra mokesčių mokėtojai anuliutas arba
nebegaliojantis MMR'e. SM_INVALID_CERTIFICATE - neagloja atsiskaitymo priemonės
saugos modulio sertifikatas. TM_INVALID_CERTIFICATE - negalioja atsiskaitymo priemonės
duomenų teikimo modulio sertifikatas. NO_SM_SETTINGS - atsiskaitymo priemonė su SM
nepateikia saugos modulio nustatymų į i.EKA sistemą ilgiau nei numatyta.
NO_RECEIPTS_DATA - atsiskaitymo priemonė nepateikia jokių kvitų duomenų į i.EKA
sistemą ilgiau nei numatyta. MODEL_EXCLUDED - naudojama išregistruoto modelio

```



```

atsiskaitymo priemonė. USER_HAS_NO_LEGAL_ACTIVITY - atsiskaitymo priemonės naudotojas
nevykdo atsiskaitymo priemonei reikalingo tipo ar rūšies veiklos.</xs:documentation>
<xs:documentation xml:lang="en">Problem which are assign to the cash register in the
i.EKA system. Possible values: INVALID_ADDRESS, SM_INVALID_CERTIFICATE,
TM_INVALID_CERTIFICATE, NO_SM_SETTINGS, NO_RECEIPTS_DATA, MODEL_EXCLUDED,
USER_HAS_NO_LEGAL_ACTIVITY</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="problemDate" type="xs:date">
<xs:annotation>
<xs:documentation xml:lang="lt">Data, kada užfiksuota neatitiktis atsiskaitymo
priemonei.</xs:documentation>
<xs:documentation xml:lang="en">Date when the problem was detected.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="RegisterCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-000000001.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001. Required if the operation
status value is SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei operacijos statuso reikšmė -
SUCCESS IR atsiskaitymo priemonei suteikiamas numeris (atsiskaitymo priemonės, kurios
neteikia duomenų į i.EKA sistemą, numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the operation status value is SUCCESS AND a number
is assigned to the PI (the number is not assigned to payment instruments that do not
provide data to the i.EKA system).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleRegistrationNo">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Saugos moduliui suteiktas identifikatorius i.EKA
sistemoje. Pvz.: SM-000000001. Privalomas, jei operacijos statuso reikšmė - SUCCESS IR
užregistruota atsiskaitymo priemonė su saugos moduliu.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the security module in the i.EKA
system. Example: SM-000000001. Required if the operation status value is SUCCESS AND
the registered PI contains a security module.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ChangeServiceCompanyRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonės, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (the number is not
assigned to PIs that do not provide data to the i.EKA system).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ChangeServiceCompanyResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>

```



```

<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedUserCashRegisterInformationByRegistrationIDRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedUserCashRegisterInformationByRegistrationIDResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterInformation"
type="tns:CashRegisterInformation">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės registracijos i.EKA sistemoje
informacija. Gražinama, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument registration information in the
i.EKA system. Required if the operation status value is SUCCESS</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="transportModuleCertificateStatus"
type="tns:TransportModuleCertificateStatusEnum"/>
<xs:element minOccurs="0" name="transportModuleCertificateValidTo" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės duomenų perdavimo (transporto)
sertifikato galiojimo data (galioja iki). Gražinama, jei operacijos statuso reikšmė -
SUCCESS IR atsiskaitymo priemonė turi duomenų perdavimo (transporto)
sertifikatą.</xs:documentation>

```

```

<xs:documentation xml:lang="en">Validity date of the data transfer (transport)
certificate of the PI. Required if the operation status value is SUCCESS AND the PI
has a data transfer (transport) certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleCertificateStatus"
type="tns:SecurityModuleCertificateStatusEnum"/>
<xs:element minOccurs="0" name="securityModuleCertificateValidTo" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio sertifikato
galiojimo data (galioja iki). Gražinama, jei operacijos statuso reikšmė - SUCCESS IR
atsiskaitymo priemonė turi saugos modulio sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Validity date of the security module certificate of
the PI. Required if the operation status value is SUCCESS AND the PI has a security
module certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateCashRegisterVersionsRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonės, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (the number is not
assigned to PIs that do not provide data to the i.EKA system).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployeeId" type="xs:long">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">ID of the employee working for the service company
(certifiedEmployee → id). Obtainment of the employee ID is described in the AI001
integration specification. Required when a service company certificate is required for
the registered PI model category.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Obtainment of the employee ID is described in the AI001
integration specification. Required when a service company certificate is required for
the registered PI model category.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterHardwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo modelio aparatinės įrangos versija
(cashRegisterHardwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Privalomas, jei AP modelis turi galiojančių aparatinės įrangos
versijų.</xs:documentation>
<xs:documentation xml:lang="en">Hardware version of the security module used.
(cashRegisterHardwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the PI model has valid hardware
versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterSoftwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo modelio programinės įrangos versija
(cashRegisterSoftwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Privalomas, jei AP modelis turi galiojančių programinės įrangos
versijų.</xs:documentation>
<xs:documentation xml:lang="en">Software version of the security module used.
(cashRegisterSoftwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the PI model has valid software
versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleHardwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo saugos modulio aparatinės įrangos versija
(securityModuleHardwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Privalomas, jei AP modelio saugos modulis turi galiojančių
aparatinės įrangos versijų.</xs:documentation>
<xs:documentation xml:lang="en">Hardware version of the security module used.
(securityModuleHardwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the security module has valid
hardware versions.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleSoftwareVersionID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Naudojamo saugos modulio programinės įrangos versija
(securityModuleSoftwareVersion → versionId). Versijos gavimo ID aprašytas integracijos
specifikacijoje AI001. Privalomas, jei AP modelio saugos modulis turi galiojančių
programinės įrangos versijų.</xs:documentation>
<xs:documentation xml:lang="en">Software version of the security module used.
(securityModuleSoftwareVersion → versionId). Obtainment of the version ID is described
in the AI001 integration specification. Required if the security module has valid
software versions.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateCashRegisterVersionsResponse">

```

```

<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateTransportModuleCertificateRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the cash register given to the specific owner.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the cash register in the i.EKA
system.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="certificate" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Pateikiamas sertifikatas PEM arba DER formato failu.
Reikalavimai: RSA tipas, rakto ilgis: 2048 bit, maišos funkcija (angl. hash): SHA256,
sertifikatas pasirašytas VMI išduotu aptarnavimo įmonės tarpiniu sertifikatu, skirtu
tvirtinti atsiskaitymo priemonėje naudojamus duomenų perdavimo sertifikatus,
sertifikatas išduotas tos pačios įmonės, kuri registruoja sertifikatą i.EKA
sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">Certificate provided as a PEM or DER file.
Requirements: RSA type, key length: 2048 bit, hash: SHA256, the certificate is signed
by the intermediate certificate of the service company issued by STI, intended to
approve the data transfer certificates used in the cash register, the certificate was
issued by the same company that registered the certificate in the i.EKA
system.</xs:documentation>

```

```

</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateTransportModuleCertificateResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Certificate serial number. The serial number is
provided in decimal format. Required if the operation status value is
SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedCashRegistersRequest">
<xs:sequence>
<xs:element name="page">
<xs:annotation>
<xs:documentation xml:lang="lt">Puslapis. Nurodomas puslapis iš kurio gražinami įrašų
rezultatai.</xs:documentation>
<xs:documentation xml:lang="en">Page. Specifies the page from which the record results
are returned.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="0"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="pageSize">
<xs:annotation>
<xs:documentation xml:lang="lt">Puslapio dydis. Nurodomas puslapyje gražinamų įrašų
skaičius.</xs:documentation>
<xs:documentation xml:lang="en">Page size. Specifies the number of records returned on
the page.</xs:documentation>
</xs:annotation>

```

```

<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="1"/>
<xs:maxInclusive value="100"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedCashRegistersResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrations">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonių
registracijai suteiktų identifikatorių sąrašas i.EKA sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">The list of identifiers for the registration of
payment instruments in the i.EKA system granted to a specific
owner.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="cashRegisterRegistration"
type="tns:CashRegisterRegistration">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonių informacija.</xs:documentation>
<xs:documentation xml:lang="en">Registration information.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="totalPages" type="xs:int">
<xs:annotation>
<xs:documentation xml:lang="lt">Puslapių kiekis</xs:documentation>
<xs:documentation xml:lang="en">Total pages</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="totalElements" type="xs:int">
<xs:annotation>
<xs:documentation xml:lang="lt">Iš viso elementų atitinkančių paieškos kriterijus,
skaičius</xs:documentation>
<xs:documentation xml:lang="en">Total elements</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>

```

```

</xs:complexType>
<xs:complexType name="CashRegisterRegistration">
<xs:sequence>
<xs:element minOccurs="0" name="cashRegisterInformation"
type="tns:CashRegisterInformation">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės registracijos i.EKA sistemoje
informacija. Gražinama, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument registration information in the
i.EKA system. Required if the operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas unikalus numeris
i.EKA sistemoje. Pvz.: CR-000000001 Privalomas, jei operacijos statuso reikšmė -
SUCCESS IR atsiskaitymo priemonei suteikiamas numeris (atsiskaitymo priemonėms, kurios
neteikia duomenų į i.EKA sistemą, numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001 Required if the operation status value is SUCCESS AND a number
is assigned to the PI (the number is not assigned to payment instruments that do not
provide data to the i.EKA system).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos moduliui suteiktas
identifikacinis numeris i.EKA sistemoje. Pvz.: SM-000000001 Privalomas, jei operacijos
statuso reikšmė - SUCCESS IR atsiskaitymo priemonei suteikiamas saugos modulio numeris
(atsiskaitymo priemonėms, kurios neturi saugos modulio, numeris
nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the security module in the i.EKA
system. Example: SM-000000001 Required if the operation status value is SUCCESS AND
the registered PI contains a security module.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```



```

<xs:element minOccurs="0" name="transportModuleCertificateStatus"
type="tns:TransportModuleCertificateStatusEnum">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato, i.EKA sistemoje, būseną. Galimos būsenos:
ACTIVATED - aktyvuotas (galioja) DEACTIVATED - deaktyvuotas i.EKA sistemoje
išregistravus AP, ar baigėsi sertifikato galiojimas. Gražinama, jei operacijos statuso
reikšmė - SUCCESS IR atsiskaitymo priemonė turi duomenų perdavimo (transporto)
sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Status of the certificate in the i.EKA system.
Possible statuses: ACTIVATED - activated (valid). DEACTIVATED - deactivated in the
i.EKA system after deregistration of PI, or certificate has expired. Required if the
operation status value is SUCCESS AND the PI has a data transfer (transport)
certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="transportModuleCertificateValidTo" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės duomenų perdavimo (transporto)
sertifikato galiojimo data (galioja iki). Gražinama, jei operacijos statuso reikšmė -
SUCCESS IR atsiskaitymo priemonė turi duomenų perdavimo (transporto)
sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Validity date of the data transfer (transport)
certificate of the PI. Required if the operation status value is SUCCESS AND the PI
has a data transfer (transport) certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleCertificateStatus"
type="tns:SecurityModuleCertificateStatusEnum">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato, i.EKA sistemoje, būseną. Galimos būsenos:
NOT_ACTIVATED - neaktyvuotas ACTIVATED - aktyvuotas (galioja) DEACTIVATED -
deaktyvuotas i.EKA sistemoje išregistravus AP, ar baigėsi sertifikato galiojimas.
Gražinama, jei operacijos statuso reikšmė - SUCCESS IR atsiskaitymo priemonė turi
saugos modulio sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Status of the certificate in the i.EKA system.
Possible statuses: NOT_ACTIVATED - Not activated. ACTIVATED - activated (valid).
DEACTIVATED - deactivated in the i.EKA system after deregistration of PI, or
certificate has expired. Required if the operation status value is SUCCESS AND the PI
has a security module certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleCertificateValidTo" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio sertifikato
galiojimo data (galioja iki). Gražinama, jei operacijos statuso reikšmė - SUCCESS IR
atsiskaitymo priemonė turi saugos modulio sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Validity date of the security module certificate of
the PI. Required if the operation status value is SUCCESS AND the PI has a security
module certificate.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateCashRegisterAddressRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>

```



```

<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonės, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (the number is not
assigned to PIs that do not provide data to the i.EKA system).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterPlaceType">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės vietos tipas. Galimos reikšmės:
DEVICE - Įrenginio adresas, OTHER - Kitas adresas (buveinė, gyvenamoji vieta,
pan.)</xs:documentation>
<xs:documentation xml:lang="en">New placement type of the payment instrument. Possible
values: DEVICE - Device address, OTHER - Other address (tenement, place of residence,
etc.)</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterAddressName">
<xs:annotation>
<xs:documentation xml:lang="lt">Nurodomas adreso patikslinimas, pvz. konkrečios
prekybos vietos, palapinės ar pan. numeris.</xs:documentation>
<xs:documentation xml:lang="en">Address specifics are given, e.g. specific outlets,
tents, numbers etc.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterAddressId" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naudojimo adresas. Teikiamas
adreso identifikatorius. Nurodomas savininkui registruotos veiklos adreso ID.
Neprivalomas, jei atsiskaitymo priemonė registruojama fiziniam
asmeniui.</xs:documentation>
<xs:documentation xml:lang="en">New address for use of the payment instrument. An
address identifier is provided. The address ID of the activity registered to the owner

```

```

is indicated. Not required if the payment instrument is registered to a natural
person.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployeeId" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001. Teikiamas, kai registruojamai AP modelio kategorijai yra
reikalingas aptarnavimo įmonės sertifikatas.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Obtainment of the employee ID is described in the AI001
integration specification. Required when a service company certificate is required for
the registered PI model category.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="otherCashRegisterAddress"
type="tns:OtherCashRegisterAddress">
<xs:annotation>
<xs:documentation xml:lang="lt">Fizinio asmens atsiskaitymo priemonės naudojimo
adresas. Gali būti teikiamas tik, jei AP registruojama fiziniam asmeniui. Privalomas
ir teikiamas, jei nenurodoma reikšmė elemente
cashRegisterAddressId.</xs:documentation>
<xs:documentation xml:lang="en">Address of the natural person using the payment
instrument. Can only be provided if the PI is registered for a natural person.
Required if no value is specified in the cashRegisterAddressId
element.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateCashRegisterAddressResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ReregisterCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>

```

```

<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonėms, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (a number is not
assigned to PIs that do not provide data to the i.EKA system)</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="securityModuleRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos moduliui suteiktas
identifikatorius i.EKA sistemoje. Pvz.: SM-000000001. Privalomas, jei užregistruota
atsiskaitymo priemonė su saugos moduliu.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the security module in the i.EKA
system. Example: SM-000000001. Required if the registered PI contains a security
module.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001. Teikiamas, kai registruojamai AP modelio kategorijai yra
reikalingas aptarnavimo įmonės sertifikatas.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Obtainment of the employee ID is described in the AI001
integration specification. Required when a service company certificate is required for
the registered PI model category.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="employee">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo vardas ir pavardė.
Teikiamas, kai registruojamai AP modelio kategorijai nėra reikalingas aptarnavimo
įmonės sertifikatas. T. y. teikiamas, kai neteikiama reikšmė elemente
certifiedEmployeeID.</xs:documentation>
<xs:documentation xml:lang="en">Name and surname of the employee of the service
company. Required when a service company certificate is not required for the
registered PI model category. I.e. when no value is provided in the
certifiedEmployeeID element.</xs:documentation>
</xs:annotation>
<xs:simpleType>

```

```

<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="technicalPassportSerialNo">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="technicalPassportNo">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterOwnerType" type="tns:CashRegisterOwnerType">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naujo savininko tipas. Galimos
reikšmės: INDIVIDUAL, LEGAL_PERSON</xs:documentation>
<xs:documentation xml:lang="en">Type of new owner for the PI. Possible values:
INDIVIDUAL, LEGAL_PERSON</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="cashRegisterOwnerCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naujo savininko identifikacinis
kodas. Fiziniam asmeniui - LR asmens kodas (užsieniečiams - MM kodas,
identifikuojantis klientą). Juridiniam asmeniui - juridinio asmens kodas (jei užsienio
juridinis asmuo, tai VMI suteiktas 10 sk. kodas).</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument new owner identification code.
Natural person - LR personal code (for foreigners - MM code identifying the client).
Legal person - legal person code (if foreign, then the 10 char. code provided by
VMI).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="30"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterOwnerName">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naujo savininko vardas.
Teikiamas ir privalomas tik, kai elemente cashRegisterOwnerType nurodyta reikšmė
INDIVIDUAL.</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument new owner's first name. Required
only when cashRegisterownerType element has INDIVIDUAL value.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterPlaceType" type="tns:CashRegisterPlaceType">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naujos vietos tipas. Galimos
reikšmės: DEVICE – Įrenginio adresas, OTHER – Kitas adresas (buveinė, gyvenamoji
vieta, pan.)</xs:documentation>
<xs:documentation xml:lang="en">Placement type of the payment instrument. Possible
values: DEVICE – Device address, OTHER – Other address (tenement, place of residence,
etc.)</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterAddressId" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės naujas naudojimo adresas.
Teikiamas adreso identifikatorius. Nurodomas savininkui registruotos veiklos adreso
ID. Neprivalomas, jei atsiskaitymo priemonė registruojama fiziniam
asmeniui.</xs:documentation>
<xs:documentation xml:lang="en">New address for use of the payment instrument. An
address identifier is provided. The address ID of the activity registered to the owner
is indicated. Not required if the payment instrument is registered to a natural
person.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="otherCashRegisterAddress"
type="tns:OtherCashRegisterAddress">
<xs:annotation>
<xs:documentation xml:lang="lt">Fizinio asmens atsiskaitymo priemonės naujas naudojimo
adresas. Gali būti teikiamas tik, jei AP registruojama fiziniam asmeniui. Privalomas
ir teikiamas, jei nenurodoma reikšmė elemente
cashRegisterAddressId.</xs:documentation>
<xs:documentation xml:lang="en">Address of the natural person using the payment
instrument. Can only be provided if the PI is registered for a natural person.
Required if no value is specified in the cashRegisterAddressId
element.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterAddressName">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="workingNameOfCashRegister">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="fiscalDayNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Ataskaitos (Z) numeris. Privaloma tik atsiskaitymo
priemonėms, kurių tipas turi savybę „Veiksmo suvedimui reikalingi ataskaitos (Z)
duomenys“=Taip. T. y. toms AP, kurių tipas AUTONOMOUS.</xs:documentation>
<xs:documentation xml:lang="en">Number of fiscal day document. Required only when cash
register type is AUTONOMOUS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

```

<xs:element minOccurs="0" name="fiscalDayDateTime" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Ataskaitos (Z) data. Privaloma tik atsiskaitymo
priemonėms, kurių tipas turi savybę „Veiksmo suvedimui reikalingi ataskaitos (Z)
duomenys“=Taip. T. y. toms AP, kurių tipas AUTONOMOUS.</xs:documentation>
<xs:documentation xml:lang="en">Date and time of fiscal day document. Required only
when cash register type is AUTONOMOUS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="GT">
<xs:annotation>
<xs:documentation xml:lang="lt">GT skaitiklis. Pateikiama bendra suma eurais. Skaičius
iki 2 sk. po kablelio. Privaloma tik atsiskaitymo priemonėms, kurių tipas turi savybę
„Veiksmo suvedimui reikalingi ataskaitos (Z) duomenys“=Taip. T. y. toms AP, kurių
tipas AUTONOMOUS.</xs:documentation>
<xs:documentation xml:lang="en">GT counter. The total amount is given in euros.
Required only when cash register type is AUTONOMOUS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:decimal">
<xs:totalDigits value="21"/>
<xs:fractionDigits value="2"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ReregisterCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-000000001.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001. Required if the operation
status value is SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>

```

```

</xs:complexType>
<xs:complexType name="UpdateCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001. Privalomas, jei atsiskaitymo priemonei
suteikiamas numeris (atsiskaitymo priemonės, kurios neteikia duomenų į i.EKA sistemą,
numeris nesuteikiamas).</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001. Required if the PI is assigned a number (a number is not
assigned to PIs that do not provide data to the i.EKA system)</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterInfo" type="tns:CashRegisterInformation">
<xs:annotation>
<xs:documentation xml:lang="lt">Informacija apie registruojamą atsiskaitymo
priemonę.</xs:documentation>
<xs:documentation xml:lang="en">Information about the payment instrument being
registered.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>

```



```

</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedCashRegisterInformationByRegistrationIDRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. R-
000000001</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner.. Example: R-000000001</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedCashRegisterInformationByRegistrationIDResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterInformation"
type="tns:CashRegisterInformation">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės registracijos i.EKA sistemoje
informacija. Gražinama, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Payment instrument registration information in the
i.EKA system. Required if the operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="transportModuleCertificateStatus"
type="tns:TransportModuleCertificateStatusEnum">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato, i.EKA sistemoje, būseną. Galimos būsenos:
ACTIVATED - aktyvuotas (galioja), DEACTIVATED - deaktyvuotas i.EKA sistemoje
išregistravus AP, ar baigėsi sertifikato galiojimas. Gražinama, jei operacijos statuso
reikšmė - SUCCESS IR atsiskaitymo priemonė turi duomenų perdavimo (transporto)
sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Status of the certificate in the i.EKA system.
Possible statuses: ACTIVATED - activated (valid). DEACTIVATED - deactivated in the
i.EKA system after deregistration of PI, or certificate has expired. Required if the
operation status value is SUCCESS AND the PI has a data transfer (transport)
certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="transportModuleCertificateValidTo" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės duomenų perdavimo (transporto)
sertifikato galiojimo data (galioja iki). Gražinama, jei operacijos statuso reikšmė -
SUCCESS IR atsiskaitymo priemonė turi duomenų perdavimo (transporto)
sertifikatą.</xs:documentation>

```



```

<xs:documentation xml:lang="en">Validity date of the data transfer (transport)
certificate of the PI. Required if the operation status value is SUCCESS AND the PI
has a data transfer (transport) certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleCertificateStatus"
type="tns:SecurityModuleCertificateStatusEnum">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato, i.EKA sistemoje, būseną. Galimos būsenos:
NOT_ACTIVATED - neaktyvuotas, ACTIVATED - aktyvuotas (galioja), DEACTIVATED -
deaktyvuotas i.EKA sistemoje išregistravus AP, ar baigėsi sertifikato galiojimas.
Gražinama, jei operacijos statuso reikšmė - SUCCESS IR atsiskaitymo priemonė turi
saugos modulio sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Status of the certificate in the i.EKA system.
Possible statuses: NOT_ACTIVATED - Not activated. ACTIVATED - activated (valid).
DEACTIVATED - deactivated in the i.EKA system after deregistration of PI, or
certificate has expired. Required if the operation status value is SUCCESS AND the PI
has a security module certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="securityModuleCertificateValidTo" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio sertifikato
galiojimo data (galioja iki). Gražinama, jei operacijos statuso reikšmė - SUCCESS IR
atsiskaitymo priemonė turi saugos modulio sertifikatą.</xs:documentation>
<xs:documentation xml:lang="en">Validity date of the security module certificate of
the PI. Required if the operation status value is SUCCESS AND the PI has a security
module certificate.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedUserCashRegistersRequest">
<xs:sequence>
<xs:element name="personCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmens / įmonės identifikacinis numeris (kodas).
Fiziniam asmeniui - LR asmens kodas (užsieniečiams - MM kodas, identifikuojantis
klientą). Juridiniui asmeniui - juridinio asmens kodas (jei užsienio juridinis asmuo,
tai VMI suteiktas 10 sk. kodas).</xs:documentation>
<xs:documentation xml:lang="en">Identification number (code) of the person/company.
Natural person - LR personal code (for foreigners - MM code identifying the client).
Legal person - legal person code (if foreign, then the 10 char. code provided by
VMI).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="30"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="name">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Asmens vardas. Privalomas ir teikiamas, jei elemente
personCode nurodytas fizinio asmens kodas.</xs:documentation>
<xs:documentation xml:lang="en">First name. Required and provided if a natural
person's code is entered in the element personCode.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="surname">
<xs:annotation>
<xs:documentation xml:lang="lt">Asmens pavardė. Privalomas ir teikiamas, jei elemente
personCode nurodytas fizinio asmens kodas.</xs:documentation>
<xs:documentation xml:lang="en">Last name. Required and provided if a natural person's
code is entered in the element personCode.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="page">
<xs:annotation>
<xs:documentation xml:lang="lt">Puslapis</xs:documentation>
<xs:documentation xml:lang="en">Page</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="0"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="pageSize">
<xs:annotation>
<xs:documentation xml:lang="lt">Puslapio dydis</xs:documentation>
<xs:documentation xml:lang="en">Page size</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="1"/>
<xs:maxInclusive value="100"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetServicedUserCashRegistersResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="cashRegisterRegistrations">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonių
registracijai suteiktų identifikatorių sąrašas i.EKA sistemoje.</xs:documentation>
<xs:documentation xml:lang="en">The list of identifiers granted to a specific owner
for the registration of payment instruments in the i.EKA system.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="unbounded" name="cashRegisterRegistration"
type="tns:CashRegisterRegistration">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonių informacija.</xs:documentation>
<xs:documentation xml:lang="en">Registration information.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="totalPages" type="xs:int">
<xs:annotation>
<xs:documentation xml:lang="lt">Puslapių kiekis</xs:documentation>
<xs:documentation xml:lang="en">Total pages</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="totalElements" type="xs:int">
<xs:annotation>
<xs:documentation xml:lang="lt">Iš viso elementų atitinkančių paieškos kriterijus,
skaičius</xs:documentation>
<xs:documentation xml:lang="en">Total elements</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:simpleType name="OperationStatus">
<xs:restriction base="xs:string">
<xs:enumeration value="SUCCESS"/>
<xs:enumeration value="ERROR"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Locale">
<xs:restriction base="xs:string">
<xs:enumeration value="EN"/>
<xs:enumeration value="LT"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="CashRegisterOwnerType">
<xs:restriction base="xs:string">
<xs:enumeration value="INDIVIDUAL"/>
<xs:enumeration value="LEGAL_PERSON"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="CashRegisterPurpose">
<xs:restriction base="xs:string">
<xs:enumeration value="FOR_USE"/>

```

```

<xs:enumeration value="TRAINING"/>
<xs:enumeration value="RESERVE"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="CashRegisterPlaceType">
<xs:restriction base="xs:string">
<xs:enumeration value="DEVICE"/>
<xs:enumeration value="OTHER"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Status">
<xs:restriction base="xs:string">
<xs:enumeration value="REGISTRATION_IN_PROGRESS"/>
<xs:enumeration value="SUBMITTED_TO_DEREGISTER"/>
<xs:enumeration value="DEREGISTERED"/>
<xs:enumeration value="SUBMITTED_TO_SUSPEND"/>
<xs:enumeration value="SUSPENDED"/>
<xs:enumeration value="SUBMITTED_TO_REGISTER"/>
<xs:enumeration value="REGISTERED"/>
<xs:enumeration value="CANCELLED"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Problem">
<xs:restriction base="xs:string">
<xs:enumeration value="INVALID_ADDRESS"/>
<xs:enumeration value="SM_INVALID_CERTIFICATE"/>
<xs:enumeration value="TM_INVALID_CERTIFICATE"/>
<xs:enumeration value="NO_SM_SETTINGS"/>
<xs:enumeration value="NO_RECEIPTS_DATA"/>
<xs:enumeration value="MODEL_EXCLUDED"/>
<xs:enumeration value="USER_HAS_NO_LEGAL_ACTIVITY"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="TransportModuleCertificateStatusEnum">
<xs:restriction base="xs:string">
<xs:enumeration value="ACTIVATED"/>
<xs:enumeration value="DEACTIVATED"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="SecurityModuleCertificateStatusEnum">
<xs:restriction base="xs:string">
<xs:enumeration value="NOT_ACTIVATED"/>
<xs:enumeration value="ACTIVATED"/>
<xs:enumeration value="DEACTIVATED"/>
</xs:restriction>
</xs:simpleType>
<xs:element name="CancelCashRegisterRequest" nillable="true"
type="tns:CancelCashRegisterRequest"/>
<xs:element name="CancelCashRegisterResponse" nillable="true"
type="tns:CancelCashRegisterResponse"/>
<xs:element name="GetBusinessAddressRequest" nillable="true"
type="tns:GetBusinessAddressRequest"/>
<xs:element name="GetBusinessAddressResponse" nillable="true"
type="tns:GetBusinessAddressResponse"/>
<xs:element name="RegisterTransportModuleCertificateRequest" nillable="true"
type="tns:RegisterTransportModuleCertificateRequest"/>
<xs:element name="RegisterTransportModuleCertificateResponse" nillable="true"
type="tns:RegisterTransportModuleCertificateResponse"/>
<xs:element name="SubmitCashRegisterPreventionWorksRequest" nillable="true"
type="tns:SubmitCashRegisterPreventionWorksRequest"/>

```

```

<xs:element name="SubmitCashRegisterPreventionWorksResponse" nillable="true"
type="tns:SubmitCashRegisterPreventionWorksResponse"/>
<xs:element name="RegisterCashRegisterRequest" nillable="true"
type="tns:RegisterCashRegisterRequest"/>
<xs:element name="RegisterCashRegisterResponse" nillable="true"
type="tns:RegisterCashRegisterResponse"/>
<xs:element name="ChangeServiceCompanyRequest" nillable="true"
type="tns:ChangeServiceCompanyRequest"/>
<xs:element name="ChangeServiceCompanyResponse" nillable="true"
type="tns:ChangeServiceCompanyResponse"/>
<xs:element name="GetServicedUserCashRegisterInformationByRegistrationIDRequest"
nillable="true"
type="tns:GetServicedUserCashRegisterInformationByRegistrationIDRequest"/>
<xs:element name="GetServicedUserCashRegisterInformationByRegistrationIDResponse"
nillable="true"
type="tns:GetServicedUserCashRegisterInformationByRegistrationIDResponse"/>
<xs:element name="UpdateCashRegisterVersionsRequest" nillable="true"
type="tns:UpdateCashRegisterVersionsRequest"/>
<xs:element name="UpdateCashRegisterVersionsResponse" nillable="true"
type="tns:UpdateCashRegisterVersionsResponse"/>
<xs:element name="UpdateTransportModuleCertificateRequest" nillable="true"
type="tns:UpdateTransportModuleCertificateRequest"/>
<xs:element name="UpdateTransportModuleCertificateResponse" nillable="true"
type="tns:UpdateTransportModuleCertificateResponse"/>
<xs:element name="GetServicedCashRegistersRequest" nillable="true"
type="tns:GetServicedCashRegistersRequest"/>
<xs:element name="GetServicedCashRegistersResponse" nillable="true"
type="tns:GetServicedCashRegistersResponse"/>
<xs:element name="UpdateCashRegisterAddressRequest" nillable="true"
type="tns:UpdateCashRegisterAddressRequest"/>
<xs:element name="UpdateCashRegisterAddressResponse" nillable="true"
type="tns:UpdateCashRegisterAddressResponse"/>
<xs:element name="ReregisterCashRegisterRequest" nillable="true"
type="tns:ReregisterCashRegisterRequest"/>
<xs:element name="ReregisterCashRegisterResponse" nillable="true"
type="tns:ReregisterCashRegisterResponse"/>
<xs:element name="UpdateCashRegisterRequest" nillable="true"
type="tns:UpdateCashRegisterRequest"/>
<xs:element name="UpdateCashRegisterResponse" nillable="true"
type="tns:UpdateCashRegisterResponse"/>
<xs:element name="GetServicedCashRegisterInformationByRegistrationIDRequest"
nillable="true" type="tns:GetServicedCashRegisterInformationByRegistrationIDRequest"/>
<xs:element name="GetServicedCashRegisterInformationByRegistrationIDResponse"
nillable="true"
type="tns:GetServicedCashRegisterInformationByRegistrationIDResponse"/>
<xs:element name="GetServicedUserCashRegistersRequest" nillable="true"
type="tns:GetServicedUserCashRegistersRequest"/>
<xs:element name="GetServicedUserCashRegistersResponse" nillable="true"
type="tns:GetServicedUserCashRegistersResponse"/>
</xs:schema>
</wsdl:types>
<wsdl:message name="CancelCashRegister">
<wsdl:part element="tns:CancelCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedCashRegistersResponse">
<wsdl:part element="tns:GetServicedCashRegistersResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ReregisterCashRegisterResponse">
<wsdl:part element="tns:ReregisterCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedUserCashRegisterInformationByRegistrationIDResponse">

```

```

<wsdl:part
element="tns:GetServicedUserCashRegisterInformationByRegistrationIDResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="RegisterTransportModuleCertificate">
<wsdl:part element="tns:RegisterTransportModuleCertificateRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="SubmitCashRegisterPreventionWork">
<wsdl:part element="tns:SubmitCashRegisterPreventionWorksRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="RegisterCashRegister">
<wsdl:part element="tns:RegisterCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedCashRegisterInformationByRegistrationIDResponse">
<wsdl:part element="tns:GetServicedCashRegisterInformationByRegistrationIDResponse"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ChangeServiceCompany">
<wsdl:part element="tns:ChangeServiceCompanyRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedUserCashRegisterInformationByRegistrationID">
<wsdl:part element="tns:GetServicedUserCashRegisterInformationByRegistrationIDRequest"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateCashRegisterVersions">
<wsdl:part element="tns:UpdateCashRegisterVersionsRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateTransportModuleCertificateResponse">
<wsdl:part element="tns:UpdateTransportModuleCertificateResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedCashRegisters">
<wsdl:part element="tns:GetServicedCashRegistersRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateCashRegisterAddress">
<wsdl:part element="tns:UpdateCashRegisterAddressRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateCashRegisterVersionsResponse">
<wsdl:part element="tns:UpdateCashRegisterVersionsResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="CancelCashRegisterResponse">
<wsdl:part element="tns:CancelCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="SubmitCashRegisterPreventionWorkResponse">
<wsdl:part element="tns:SubmitCashRegisterPreventionWorksResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateCashRegisterResponse">
<wsdl:part element="tns:UpdateCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="RegisterTransportModuleCertificateResponse">
<wsdl:part element="tns:RegisterTransportModuleCertificateResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="GetBusinessAddress">
<wsdl:part element="tns:GetBusinessAddressRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetBusinessAddressResponse">
<wsdl:part element="tns:GetBusinessAddressResponse" name="param"> </wsdl:part>

```



```

</wsdl:message>
<wsdl:message name="ChangeServiceCompanyResponse">
<wsdl:part element="tns:ChangeServiceCompanyResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="RegisterCashRegisterResponse">
<wsdl:part element="tns:RegisterCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateCashRegisterAddressResponse">
<wsdl:part element="tns:UpdateCashRegisterAddressResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedUserCashRegistersResponse">
<wsdl:part element="tns:GetServicedUserCashRegistersResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateTransportModuleCertificate">
<wsdl:part element="tns:UpdateTransportModuleCertificateRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="ReregisterCashRegister">
<wsdl:part element="tns:ReregisterCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateCashRegister">
<wsdl:part element="tns:UpdateCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedCashRegisterInformationByRegistrationID">
<wsdl:part element="tns:GetServicedCashRegisterInformationByRegistrationIDRequest"
name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetServicedUserCashRegisters">
<wsdl:part element="tns:GetServicedUserCashRegistersRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:portType name="ServiceCompanyCashRegisterWebService">
<wsdl:operation name="CancelCashRegister">
<wsdl:input message="tns:CancelCashRegister" name="CancelCashRegister"> </wsdl:input>
<wsdl:output message="tns:CancelCashRegisterResponse"
name="CancelCashRegisterResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetBusinessAddress">
<wsdl:input message="tns:GetBusinessAddress" name="GetBusinessAddress"> </wsdl:input>
<wsdl:output message="tns:GetBusinessAddressResponse"
name="GetBusinessAddressResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="RegisterTransportModuleCertificate">
<wsdl:input message="tns:RegisterTransportModuleCertificate"
name="RegisterTransportModuleCertificate"> </wsdl:input>
<wsdl:output message="tns:RegisterTransportModuleCertificateResponse"
name="RegisterTransportModuleCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SubmitCashRegisterPreventionWork">
<wsdl:input message="tns:SubmitCashRegisterPreventionWork"
name="SubmitCashRegisterPreventionWork"> </wsdl:input>
<wsdl:output message="tns:SubmitCashRegisterPreventionWorkResponse"
name="SubmitCashRegisterPreventionWorkResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="RegisterCashRegister">
<wsdl:input message="tns:RegisterCashRegister" name="RegisterCashRegister">
</wsdl:input>
<wsdl:output message="tns:RegisterCashRegisterResponse"
name="RegisterCashRegisterResponse"> </wsdl:output>
</wsdl:operation>

```

```

<wsdl:operation name="ChangeServiceCompany">
<wsdl:input message="tns:ChangeServiceCompany" name="ChangeServiceCompany">
</wsdl:input>
<wsdl:output message="tns:ChangeServiceCompanyResponse"
name="ChangeServiceCompanyResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedUserCashRegisterInformationByRegistrationID">
<wsdl:input message="tns:GetServicedUserCashRegisterInformationByRegistrationID"
name="GetServicedUserCashRegisterInformationByRegistrationID"> </wsdl:input>
<wsdl:output
message="tns:GetServicedUserCashRegisterInformationByRegistrationIDResponse"
name="GetServicedUserCashRegisterInformationByRegistrationIDResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateCashRegisterVersions">
<wsdl:input message="tns:UpdateCashRegisterVersions"
name="UpdateCashRegisterVersions"> </wsdl:input>
<wsdl:output message="tns:UpdateCashRegisterVersionsResponse"
name="UpdateCashRegisterVersionsResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateTransportModuleCertificate">
<wsdl:input message="tns:UpdateTransportModuleCertificate"
name="UpdateTransportModuleCertificate"> </wsdl:input>
<wsdl:output message="tns:UpdateTransportModuleCertificateResponse"
name="UpdateTransportModuleCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedCashRegisters">
<wsdl:input message="tns:GetServicedCashRegisters" name="GetServicedCashRegisters">
</wsdl:input>
<wsdl:output message="tns:GetServicedCashRegistersResponse"
name="GetServicedCashRegistersResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateCashRegisterAddress">
<wsdl:input message="tns:UpdateCashRegisterAddress" name="UpdateCashRegisterAddress">
</wsdl:input>
<wsdl:output message="tns:UpdateCashRegisterAddressResponse"
name="UpdateCashRegisterAddressResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ReregisterCashRegister">
<wsdl:input message="tns:ReregisterCashRegister" name="ReregisterCashRegister">
</wsdl:input>
<wsdl:output message="tns:ReregisterCashRegisterResponse"
name="ReregisterCashRegisterResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateCashRegister">
<wsdl:input message="tns:UpdateCashRegister" name="UpdateCashRegister"> </wsdl:input>
<wsdl:output message="tns:UpdateCashRegisterResponse"
name="UpdateCashRegisterResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedCashRegisterInformationByRegistrationID">
<wsdl:input message="tns:GetServicedCashRegisterInformationByRegistrationID"
name="GetServicedCashRegisterInformationByRegistrationID"> </wsdl:input>
<wsdl:output message="tns:GetServicedCashRegisterInformationByRegistrationIDResponse"
name="GetServicedCashRegisterInformationByRegistrationIDResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedUserCashRegisters">
<wsdl:input message="tns:GetServicedUserCashRegisters"
name="GetServicedUserCashRegisters"> </wsdl:input>
<wsdl:output message="tns:GetServicedUserCashRegistersResponse"
name="GetServicedUserCashRegistersResponse"> </wsdl:output>
</wsdl:operation>
</wsdl:portType>

```



```
<wsdl:binding name="ServiceCompanyCashRegisterWebServiceSoapBinding"
type="tns:ServiceCompanyCashRegisterWebService">
<soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
<wsdl:operation name="CancelCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="CancelCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="CancelCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetBusinessAddress">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetBusinessAddress">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetBusinessAddressResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="RegisterTransportModuleCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="RegisterTransportModuleCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="RegisterTransportModuleCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="SubmitCashRegisterPreventionWork">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="SubmitCashRegisterPreventionWork">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="SubmitCashRegisterPreventionWorkResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="RegisterCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="RegisterCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="RegisterCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ChangeServiceCompany">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="ChangeServiceCompany">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="ChangeServiceCompanyResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedUserCashRegisterInformationByRegistrationID">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetServicedUserCashRegisterInformationByRegistrationID">
<soap:body use="literal"/>
```

```

</wsdl:input>
<wsdl:output name="GetServicedUserCashRegisterInformationByRegistrationIDResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateCashRegisterVersions">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="UpdateCashRegisterVersions">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="UpdateCashRegisterVersionsResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateTransportModuleCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="UpdateTransportModuleCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="UpdateTransportModuleCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedCashRegisters">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetServicedCashRegisters">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetServicedCashRegistersResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateCashRegisterAddress">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="UpdateCashRegisterAddress">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="UpdateCashRegisterAddressResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ReregisterCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="ReregisterCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="ReregisterCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="UpdateCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="UpdateCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedCashRegisterInformationByRegistrationID">
<soap:operation soapAction="" style="document"/>

```

```
<wsdl:input name="GetServicedCashRegisterInformationByRegistrationID">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetServicedCashRegisterInformationByRegistrationIDResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetServicedUserCashRegisters">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetServicedUserCashRegisters">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetServicedUserCashRegistersResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="ServiceCompanyCashRegisterWebService">
<wsdl:port binding="tns:ServiceCompanyCashRegisterWebServiceSoapBinding"
name="ServiceCompanyCashRegisterWebService">
<soap:address location="https://ieka-service-companies-public-
ws.x.insoft.lt/services/v1/serviceCompanyCashRegisterWs"/>
</wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

7.3.20 Decisions/requirements changes/clarifications

Date	Description	Notes
-	-	-

7.4 EKA002. Web services for the management of cash register (with SM)

7.4.1 Interface specification

Name	Web services for the management of cash register (with SM).
Interface implementation method	Web service.
Web service URL address	Web service environment URL addresses Production environment - https://ieka-cr-ws.vmi.lt/services/v1/cashRegisterDataManagementSMWs?wsdl DEMO environment - https://ieka-cr-ws-demo.vmi.lt/services/v1/cashRegisterDataManagementSMWs?wsdl
Description of the web service	The document contains descriptions of the web services that are intended to provide the following functions for cash register (cash registers with security modules): 1. Provide the certificate with public key of the cash register security module to the i.EKA system. 2. Provide updated certificate with public key of the cash register security module to the i.EKA system. 3. Submit updated symmetric keys for encoding receipts to the i.EKA system. 4. Get Security Module settings (cryptogram) from the i.EKA system. 5. Provide the settings of the cash register to the i.EKA system. 6. Provide suspension information of a cash register to the i.EKA system. 7. Provide activation information of a cash register (after suspension) to the i.EKA system. 8. Provide deregistration information of a cash register to the i.EKA system.
Purpose	Complete the registration of the cash register with SM (by providing the security module certificate with public key) in the i.EKA system and provide updated data on the cash register to the i.EKA system. The data is provided by the cash register.

Description	1. Method RegisterSecurityModuleCertificate – method to provide the certificate with public key of the cash register security module to the i.EKA system. 2. Method UpdateSecurityModuleCertificate – method to provide updated certificate with public key of the cash register security module to the i.EKA system. 3. Method UpdateSymmetricKey – method to submit updated symmetric keys for encoding receipts to the i.EKA system. 4. Method GetSettingsCryptogram – method to get Security Module settings (cryptogram) from the i.EKA system. 5. Method ProvideSettings – method to provide the settings of the cash register to the i.EKA system. 6. Method SuspendCashRegister – method to provide suspension information of a cash register to the i.EKA system. 7. The ActivateCashRegister – method to provide activation information of a cash register (after suspension) to the i.EKA system. 8. Method DeregisterCashRegister – method to provide deregistration information of a cash register to the i.EKA system.

7.4.2 Safety

The Web service client is authenticated using the SSL Client Certificate Authentication mechanism, as well as the TLS protocol - version 1.2 or 1.3.

The web service identifies itself by presenting a certificate issued by a trusted Certificate Authority (CA) (CN=iEKA-ws.STI.It). The cash register shall identify itself by presenting a **certificate of the Data Transport Module certificate which is registered in i.EKA**.

Each cash register can only have one registered Data Transport Module certificate at a time. Cash register data transfer (transport) certificates shall be submitted, validated and registered by service providers. The certificate of the data transfer (transport) module of a cash register shall be registered and updated in the i.EKA system by the service company.

7.4.3 Method RegisterSecurityModuleCertificate

Description	Method to provide the certificate with public key of the cash register security module to the i.EKA system.
Call parameters	Structure RegisterSecurityModuleCertificateRequest
Results	Structure RegisterSecurityModuleCertificateResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.3.1 Structure RegisterSecurityModuleCertificateRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. Example number: R-000000001.
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
securityModuleCertificate	base64/string	-	Yes	The public key of the certificate shall be provided in a PEM format file. Requirements: • RSA type;

Name	Type	Length	Mandatory	Description
				- Key length: 2048 bit; - hash function: SHA256; - the certificate is signed with an intermediate certificate issued by the STI to the service company for validating the certificates of the security modules used in the cash register.
symmetricKeyReceiptDocuments	base64/string	16	Yes	The symmetric key for encoding fiscal receipt data. Encrypted with the STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). The key shall be 128-bit, generated using the AES algorithm.
symmetricKeyReceiptDocumentsSignature	base64/string	344	Yes	The symmetric key (not encrypted) for encoding pre-account data. It is signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).
symmetricKeyFiscalPreOrderDocument	base64/string	16	Yes	The symmetric key for encoding pre-account data. Encrypted with the STI (VMI) i.EKA public key (RSAES-PKCS1-v1_5 Encryption). The key shall be 128-bit, generated using the AES algorithm.
symmetricKeyFiscalPreOrderDocumentSignature	base64/string	344	Yes	The symmetric key (not encrypted) for encoding pre-account data. It is signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).
securityModuleSettings	Structure SecurityModuleSettings	-	Yes	Settings for the cash register Security Module.

7.4.3.1.1 Structure SecurityModuleSettings

Name	Type	Length	Mandatory	Description
settings	base64/string	256	Yes	The structure (see Structure Settings) is encrypted with the STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Format ASN1.

Name	Type	Length	Mandatory	Description
				ASN1 format. Scheme: <pre> World-Schema DEFINITIONS AUTOMATIC TAGS ::= BEGIN CRSettings::=SEQUENCE { securityModuleRegistrationNo INTEGER(0..4294967295), securityModuleSeriesNo VisibleString(SIZE(1..24)), securityModuleIdentificationNo VisibleString(SIZE(1..32)), cashRegisterRegistrationNo INTEGER(0..4294967295), personCode VisibleString(SIZE(1..30)), securityModuleSoftwareVersionId INTEGER(0..4294967295), totalReceiptQuantity INTEGER(0..4294967295), totalFiscalDayQuantity INTEGER(0..4294967295), totalNonFiscalDocumentQuantity INTEGER(0..4294967295), gtSales INTEGER(0..18446744073709551615), gtSalesTaxAmount INTEGER(0..18446744073709551615), gtBuying INTEGER(0..18446744073709551615), lastReceiptNumber INTEGER(0..4294967295), lastFiscalDayNumber INTEGER(0..4294967295), lastNonFiscalDocumentNumber INTEGER(0..4294967295), lastDocumentDate INTEGER(0..4294967295), vmiCertificatePublicKey OCTET STRING(SIZE(32)), securityModulePublicCertificateKey OCTET STRING(SIZE(32)) } END </pre> Example:

```
value CRSettings::=
{
securityModuleRegistrationNo      4294967295,
securityModuleSeriesNo
"xxxxxxxxxxxxxyyyyyyyddgrefe",
securityModuleIdentificationNo
"xxxxxxxxxxxxxyyyyyyyyyzzzzzyyyyyc",
cashRegisteRegistrationNo        4294967295,
personCode                       "49203140111",
securityModuleSoftwareVersionId   4294967295,
totalReceiptQuantity              4294967295,
totalFiscalDayQuantity            4294967295,
totalNonFiscalDocumentQuantity    4294967295,
gtSales
18446744073709551615,
gtSalesTaxAmount
18446744073709551615,
gtBuying
18446744073709551615,
lastReceiptNumber                 4294967295,
lastFiscalDayNumber               4294967295,
lastNonFiscalDocumentNumber       4294967295,
lastDocumentDate                  4294967295,
vmiCertificatePublicKey
'9F86D081884C7D659A2FEAA0C55AD015A3BF4F1B2B0B822CD
15D6C15B0F00A08'H,
securityModulePublicCertificateKey
'9F86D081884C7D659A2FEAA0C55AD015A3BF4F1B2B0B822CD
15D6C15B0F00A08'H
}
END
```

7.4.3.1.2 Structure Settings

Name	Type	Length	Mandatory	Description
securityModuleRegistrationNo	Integer	4 bytes	Yes	The Security Module identifier in iEKA. only a numeric value is provided, e.g. 1 (where the number is e.g. SM-000000001).
securityModuleSeriesNo	string	24 bytes	Yes	Unique equipment serial number assigned by the manufacturer of the security module.
securityModuleIdentificationNo	string	32 bytes	Yes	Safety Module Identification Number assigned by the service company at the time of preparation of the Security Module.
cashRegisterRegistrationNo	Integer	4 bytes	Yes	Cash register unique No. The unique number of the cash register to which the security module is linked. Only a numeric value, e.g. 1 (where the number is e.g. CR-000000001), is provided.

Name	Type	Length	Mandatory	Description
personCode	Integer	4 bytes	Yes	The code of the cash register user (taxpayer). Personal/company identification number (code). For an individual – the personal identification number of the Republic of Lithuania (for foreigners - MM code identifying the client).- the personal identification number of the Republic of Lithuania (for foreigners - MM code identifying the client). For a legal entity – legal entity code (if a foreign legal entity, the code assigned by the STI in section 10).
securityModuleSoftwareVersionID	Integer	4 bytes	No*	The software version of the security module you are used. Version identifier provided by the i.EKA system. *Mandatory if the cash register model has valid software versions.
totalReceiptQuantity	Integer	4 bytes	Yes	A number of fiscal receipts were signed in the Security Module.
totalFiscalDayQuantity	Integer	4 bytes	Yes	A number of daily fiscal day documents were signed in the Security Module.
totalNonFiscalDocumentQuantity	Integer	4 bytes	Yes	A number of non-fiscal documents were signed in the Security Module.
gtSales	long	8 bytes	Yes	The total amount of sales (including taxes) recorded in the security module (GT counter) in cents.
gtSalesTaxAmount	long	8 bytes	Yes	The total amount of sales transaction taxes recorded in the security module (GT counter) in cents.
gtBuying	long	8 bytes	Yes	The total amount paid for goods purchased (GT counter) in cents as recorded in the safety module.
lastReceiptNumber	Integer	4 bytes	Yes	A number of the last fiscal receipt that is signed in the security module. The last document number (<i>documentNumber</i>) of document <i>Receipt</i> . 0 - if there are no signed documents.
lastFiscalDayNumber	Integer	4 bytes	Yes	A number of the last fiscal day that is signed in the security module. The last document number (<i>documentNumber</i>) of document <i>fiscalDay</i> . 0 - if there are no signed documents.
lastNonFiscalDocumentNumber	Integer	4 bytes	Yes	A number of the last non-fiscal document that is signed in the security module. The last document number (<i>documentNumber</i>) of non fiscal document. 0 - if there are no signed documents.
lastDocumentDate	dateTime	4 bytes	Yes	Date and time of the last document signed in the security module. Unix time in seconds from 1970.01.01 00:00:00 Note: (Europe/Vilnius zone) is used. e. g.: For printed date 2022-11-11, 16:57:56 provided value is: 1668185876. For example, the hash value of the DEMO environment i.EKA cryptogram certificate - 3A1B5FE2BC69305940C679AA84553A30D0BE61E1F5241315C56450B12DE86934 - it can be easily found by opening the certificate through e.g. keystore explorer and selecting sha256 in the fingerprint field. Using delete colons.
STICertificatePublicKey	string	32 bytes	Yes	The hash of the STI (VMI) public key (from the STI (VMI) certificate) is stored in the Security Module (computed using the sha256 algorithm).

Name	Type	Length	Mandatory	Description
securityModulePublicCertificateKey	string	32 bytes	Yes	The hash of the public key specified in the Security Module is used in the Security Module certificate (computed using the sha256 algorithm).

7.4.3.2 Structure RegisterSecurityModuleCertificateResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR.
id	long	-	No*	The certificate key has a unique id in the i.EKA system. *Mandatory if the transaction status is SUCCESS.
settingsCryptogram	Structure SettingsCryptogram	-	No*	A cryptogram of the cash register shall be provided. *Mandatory if the transaction status is SUCCESS.
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.3.2.1 Structure SettingsCryptogram

Name	Type	Length	Mandatory	Description
lastUpdate	dateTime	-	Yes	The date and time of the last change to the cryptogram.
settingsCryptogram	base64/string	256	Yes	The data structure of the cryptogram (see Structure Cryptogram) is encrypted with the public key of the security module (RSAES-PKCS1-v1_5 Encryption). ASN1 format. Scheme: <pre> World-Schema DEFINITIONS AUTOMATIC TAGS ::= BEGIN Cryptogram ::= SEQUENCE { cashRegisterStatus INTEGER (0..255), offlineReceiptQuantity INTEGER (0..4294967295), offlineFiscalDayQuantity INTEGER (0..4294967295), offlineNonFiscalQuantity INTEGER (0..4294967295), offlineDuration INTEGER (0..65535), provideSettings BOOLEAN, securityModuleDeactivated BOOLEAN, totalReceiptQuantity INTEGER (0..4294967295), totalFiscalDayQuantity INTEGER (0..4294967295), totalNonFiscalDocumentQuantity INTEGER (0..4294967295), lastDocumentDate INTEGER (0..4294967295), provisionDate INTEGER (0..4294967295) } </pre> Example:

Name	Type	Length	Mandatory	Description
				<pre> value Cryptogram ::= { cashRegisterStatus 7, offlineReceiptQuantity 4294967295, offlineFiscalDayQuantity 4294967295, offlineNonFiscalQuantity 4294967295, offlineDuration 65535, provideSettings TRUE, securityModuleDeactivated TRUE, totalReceiptQuantity 4294967295, totalFiscalDayQuantity 4294967295, totalNonFiscalDocumentQuantity 4294967295, lastDocumentDate 4294967295, provisionDate 4294967295 } </pre> The DER file has a maximum size of 72 bytes.
settingsCryptogramSignature	base64/string	256	Yes	The data structure of the cryptogram (see Structure Cryptogram) (not encrypted) is signed with the private key of the STI i.EKA certificate (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).

7.4.3.3 Structure Cryptogram

Name	Type	Length	Mandatory	Description
cashRegisterStatus	Integer	1 byte	Yes	Cash register status. Usable values: 1 - registration in progress (REGISTRATION_IN_PROGRESS) 2 - registered 3 - submitted for suspend (SUBMITTED_TO_SUSPEND) 4 - suspended (SUSPENDED) 5 - submitted for activate (SUBMITTED_TO_REGISTER) 6 - submitted for deregistration (SUBMITTED_TO_DEREGISTER) 7 - deregistered (DEREGISTERED) 8 - cancelled (CANCELLED)
offlineReceiptQuantity	Integer	4 bytes	Yes	A number of fiscal receipts were signed in the Offline security module and not provided to the i.EKA system. The number of receipts that can be signed by the security module after successfully transfer to the VMI i.EKA system and processed by i.EKA system. Processed documents in i.EKA system are with status ≠ „REJECTED“. I.e. the amount of fiscal receipts signed in the security module cannot exceed: totalReceiptQuantity + offlineReceiptQuantity.

Name	Type	Length	Mandatory	Description
offlineFiscalDayQuantity	Integer	4 bytes	Yes	Maximum number of i.EKA non-transmitted fiscal day documents allowed for the security module to sign. The fiscal day documents is considered transferred to i.EKA when it is processed in the i.EKA system (only those documents that acquire, that has status ≠ "REJECTED" in the i.EKA system are counted as processed). I.e. the amount of fiscal day documents signed in the security module cannot exceed: totalFiscalDayQuantity + offlineFiscalDayQuantity.
offlineNonFiscalQuantity	Integer	4 bytes	Yes	The maximum number of non-fiscal cash register documents not transferred to i.EKA is allowed for the security module to sign. A non-fiscal cash register document is considered transferred to i.EKA when it is processed in the i.EKA system (only those documents that acquire, that has status ≠ "REJECTED" in the i.EKA system are counted as processed). I.e. the amount of non-fiscal receipts signed in the security module cannot exceed: totalNonFiscalDocumentQuantity+ offlineNonFiscalQuantity.
offlineDuration	Integer	2 bytes	Yes	The maximum time allowed for the security module in hours to sign receipts without transferring them to i.EKA. The receipt is considered transferred to i.EKA when it is processed in the i.EKA system (only those documents that acquire, that has status ≠ "REJECTED" in the i.EKA system are counted as processed). For example: if offlineDuration is set to <i>n</i> hours, then the document signed by the security module must be submitted to the i.EKA system within <i>n</i> hours from document date (<i>documentDateTime</i>). If all documents signed by the security module are transferred to i.EKA, the duration of <i>n</i> hours is counted from the date of the newly signed document in the security module.
provideSettings	Integer	1 byte	Yes	Usable values: 1 - True 0 - False If the value "True" is provided, the cash register shall submit its settings to i.EKA. That is, it must provide its settings by calling the ProvideSettings method.
securityModuleDeactivated	Integer	1 byte	Yes	Usable values: 1 - True 0 - False If "True", the cash register Safety Module must be deactivated. The safety module can no longer be used. The value "True" can only be given with the status DEREGISTERED.
totalReceiptQuantity	Integer	4 bytes	Yes	The number of fiscal documents successfully processed in i.EKA. Documents with the status "REJECTED" are not counted. 0 - if no value.
totalFiscalDayQuantity	Integer	4 bytes	Yes	The number of fiscal day document successfully processed in the i.EKA system. Documents with the status "REJECTED" are not counted. 0 - if no value.
totalNonFiscalDocumentQuantity	Integer	4 bytes	Yes	The amount of non-fiscal successfully documents processed in i.EKA. Documents with the status "REJECTED" are not counted. 0 - if no value.

Name	Type	Length	Mandatory	Description
lastDocumentDate	dateTime	4 bytes	Yes	Date of the last receipt successfully processed in the i.EKA system. Documents with the status "REJECTED" are not counted.
provisionDate	dateTime	4 bytes	Yes	The date and time when the cryptogram (sysdate) is submitted. Response (when this cryptogram provided) date. Unix time in seconds from 1970.01.01 00:00:00 Note: (Europe/Vilnius zone) is used. E.g.: For date 2022-11-11, 16:57:56 provided value is: 1668185876.

7.4.4 Method UpdateSecurityModuleCertificate

Description	Method to provide updated certificate with public key of the cash register security module to the i.EKA system.
Call parameters	Structure UpdateSecurityModuleCertificateRequest
Results	Structure UpdateSecurityModuleCertificateResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.4.1 Structure UpdateSecurityModuleCertificateRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
securityModuleCertificate	base64/string	-	Yes	The public key of the certificate shall be provided in a PEM or DER format. Requirements: • Certificate formatted in accordance with PKCS#10; • RSA type; • Key length: 2048 bit; • hash function: SHA256; • the certificate is signed with an intermediate certificate issued by the STI (VMI) to the service company for issue the certificates of the security modules.
symmetricKeyReceiptDocuments	base64/string	344	Yes	The symmetric key for encoding fiscal receipt data. Encrypted with the STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). The key shall be 128-bit, generated using the AES algorithm.
symmetricKeyReceiptDocumentsSignature	base64/string	344	Yes	The symmetric key (symmetricKeyReceiptDocuments not encrypted) signature. It is signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).

Name	Type	Length	Mandatory	Description
symmetricKeyFiscalPreOrderDocument	base64/string	344	Yes	The symmetric key for encoding pre-order document data. Encrypted with the STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). The key shall be 128-bit, generated using the AES algorithm.
symmetricKeyFiscalPreOrderDocumentSignature	base64/string	344	Yes	The symmetric key (<i>symmetricKeyFiscalPreOrderDocument</i> not encrypted) signature. It is signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).
securityModuleSettings	Structure SecurityModuleSettings	-	Yes	Settings for the cash register security module.

7.4.4.2 Structure UpdateSecurityModuleCertificateResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR.
certID	long	-	No*	The certificate serial number. *Mandatory if the transaction status is SUCCESS.
settingsCryptogram	Structure SettingsCryptogram	-	No*	A cryptogram of the cash register shall be provided. *Mandatory if the transaction status is SUCCESS.
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.5 Method UpdateSymmetricKey

Description	Method to submit updated symmetric keys for encoding receipts to the i.EKA system.
Call parameters	Structure UpdateSymmetricKeyRequest
Results	Structure UpdateSymmetricKeyResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.5.1 Structure UpdateSymmetricKeyRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
symmetricKeyReceiptDocuments	base64/string	344	Yes	The symmetric key for encoding fiscal receipt data. Encrypted with the STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption).

Name	Type	Length	Mandatory	Description
				The key shall be 128-bit, generated using the AES algorithm.
symmetricKeyReceiptDocumentsSignature	base64/string	344	Yes	The symmetric key (symmetricKeyReceiptDocuments not encrypted) signature. It is signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).
symmetricKeyFiscalPreOrderDocument	base64/string	344	Yes	The symmetric key for encoding pre-order document data. Encrypted with the STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). The key shall be 128-bit, generated using the AES algorithm.
symmetricKeyFiscalPreOrderDocumentSignature	base64/string	344	Yes	The symmetric key (symmetricKeyFiscalPreOrderDocument not encrypted) signature. It is signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation (SHA256withRSA)).

7.4.5.2 Structure UpdateSymmetricKeyResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR.
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.6 Method GetSettingsCryptogram

Description	Method to get Security Module settings (cryptogram) from the i.EKA system.
Call parameters	Structure GetSettingsCryptogramRequest
Results	Structure GetSettingsCryptogramResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.6.1 Structure GetSettingsCryptogramRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. e.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001

7.4.6.2 Structure GetSettingsCryptogramResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR
settingsCryptogram	Structure SettingsCryptogram	-	No*	Cryptogram of cash register settings. * Mandatory if the transaction status is SUCCESS.

Name	Type	Length	Mandatory	Description
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.7 Method ProvideSettings

Description	Method to provide the settings of the cash register to the i.EKA system.
Call parameters	Structure ProvideSettingsRequest
Results	Structure ProvideSettingsResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.7.1 Structure ProvideSettingsRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
securityModuleSettings	Structure SecurityModuleSettings	-	Yes	Settings for the cash register security module.

7.4.7.2 Structure ProvideSettingsResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR.
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.8 Method SuspendCashRegister

Description	Method to provide suspension information of a cash register to the i.EKA system.
Call parameters	Structure SuspendCashRegisterRequest
Results	Structure SuspendCashRegisterRequestResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.8.1 Structure SuspendCashRegisterRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
suspendReason	enum	-	Yes	Value codes from the classifier CASH_REGISTER_SUSPENSION_REASON. Usable values : - RESERVE - RESPONSIBLE_STORAGE

Name	Type	Length	Mandatory	Description
certifiedEmployeeID	long	-	Yes	The ID of a service company employee working for the service company (certifiedEmployee → id). The employee of the servicing company is assigned to service the cash register. The worker's receipt ID is described in integration specification A1001 .
securityModuleSettings	Structure SecurityModuleSettings	-	Yes	Settings for the cash register security module.

7.4.8.2 Structure SuspendCashRegisterResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR SUCCESS shall be provided if the cash register status is changed to SUSPENDED.
settingsCryptogram	Structure SettingsCryptogram	-	No*	Cryptogram of cash register settings. * Mandatory if the transaction status is SUCCESS.
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.9 Method ActivateCashRegister

Description	Method to provide activation information of a cash register (after suspension) to the i.EKA system.
Call parameters	Structure ActivateCashRegisterRequest
Results	Structure ActivateCashRegisterResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.9.1 Structure ActivateCashRegisterRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
certifiedEmployeeID	long	-	Yes	The ID of a service company employee working for the service company (certifiedEmployee → id). The employee of the servicing company is assigned to service the cash register. The worker's receipt ID is described in integration specification A1001 .
securityModuleSettings	Structure SecurityModuleSettings	-	Yes	Settings for the cash register security module.

7.4.9.2 Structure ActivateCashRegisterResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR SUCCESS shall be provided if the cash register status is changed to REGISTERED.

Name	Type	Length	Mandatory	Description
settingsCryptogram	Structure SettingsCryptogram	-	No*	Cryptogram of cash register settings. * Mandatory if the transaction status is SUCCESS.
errors	Struktūra Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.4.10 Method DeregiesterCashRegister

Description	Method to provide deregistration information of a cash register to the i.EKA system.
Call parameters	Structure DeregiesterCashRegisterRequest
Results	Structure DeregiesterCashRegisterResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.4.10.1 Structure DeregiesterCashRegisterRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
deregistrationReason	enum	-	Yes	Value codes for the classifier CASH_REGISTER_DEREGISTRATION_REASON. Possible meanings: - INCORRECT_DATA - USER_DECISION *Provided and required only when the status of the cash register is not SUBMITTED_TO_DEREGISTER.
securityModuleDeactivated	boolean	-	Yes	Possible meanings: - True - False If "True", the cash register Security Module will no longer be used. It will be deactivated.
certifiedEmployeeID	long	-	No	The ID of a service company employee working for the service company (certifiedEmployee → id). The employee of the servicing company is assigned to service the cash register. The worker's receipt ID is described in integration specification A1001 .
securityModuleSettings	Structure SecurityModuleSettings	-	Yes	Settings for the Cash register Security Module.

7.4.10.2 Structure DeregiesterCashRegisterResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Usable values: - SUCCESS - ERROR SUCCESS shall be provided if the cash register state is changed to DEACTIVATED.
settingsCryptogram	Structure SettingsCryptogram	-	No*	Cryptogram of cash register settings. Shown with DEACTIVATED status. * Mandatory if the transaction status is SUCCESS.
errors	Struktūra Error	-	No*	Error information.

Name	Type	Length	Mandatory	Description
				*Mandatory if the transaction status is ERROR.

Structure Error

Name	Type	Length	Mandatory	Description
errorCode	string	250	Yes	Error code, see Errors.
descriptions	Structure Descriptions	-	Yes	Error descriptions.

7.4.10.2.1 Structure Descriptions

Name	Type	Length	Mandatory	Description
description	Structure Description	-	1..2	Error descriptions in Lithuanian and English.

7.4.10.2.1.1 Structure Description

Name	Type	Length	Mandatory	Description
locale	enum	-	Yes	Attribute indicating the language of the non-compliance message. Attribute values: - EN - non-compliance notice in English; - LT - Non-compliance message in Lithuanian.
errorMessage	string	4000	Yes	Error message (description).

7.4.11 Errors

Error code	Error description	Reason for error	Methods affected by the error message
CERTIFICATE_IS_CANCELED	The request is not possible. The certificate is invalid.	Inviting a request with an invalid Data Transfer (Transport) Module certificate.	Relevant for all the methods described.
INTERNAL_SERVER_ERROR	Unknown error.	When an unknown (unforeseen) error occurs after a request.	Relevant for all the methods described.
ELEMENT_REQUIRED	Mandatory element <item name> is missing.	Request submitted with incomplete, required fields.	Relevant for all described methods.
ELEMENT_PROVIDE_ERROR	Element <item name> must be blank.	Request submitted with elements that must be blank.	Relevant for all described methods.
SERVICE_FOR_CASH_REGISTER_WITH_SM_ERROR	The request is not possible. The cash register is without security module.	The cash register is without security module.	Relevant for all described methods.
CASH_REGISTER_NOT_MATCH_TRANSPORT_CERTIFICATE	The data transfer (transport) certificate does not correspond to the billing instrument indicated. The data transfer (transport) certificate is not registered for this cash register.	The specified cash register (by cashRegisterRegistrationID) does not match the cash register transmitting the data. I.e. the data transfer (transport) certificate (which is used to call the method) is registered to a different cash register.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey Method GetSettingsCryptogram Method ProvideSettings Method SuspendCashRegister Method ActivateCashRegister

Error code	Error description	Reason for error	Methods affected by the error message
			Method DeregisterCashRegister
REGISTRATIONS_NO_NOT_MATCH	The numbers indicated (<indicate elements of mismatched numbers: cashRegisterRegistrationID, cashRegisterRegistrationNo, securityModuleRegistrationNo>) do not correspond to the cash register registered in the i.EKA system.	Specifying the numbers (cashRegisterRegistrationID, cashRegisterRegistrationNo / securityModuleRegistrationNo) for which no cash register has been found in i.EKA.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey Method GetSettingsCryptogram Method ProvideSettings Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
CERTIFICATE_REGISTRTION_DUPLICATE_ERROR	The certificate cannot be registered because the cash register already has a registered Security Module certificate.	Specifying to register a safety module certificate when a safety module certificate has already been registered for the cash register.	Method RegisterSecurityModuleCertificate
CERTIFICATE_REGISTRTION_SERIAL_NO_DUPLICATE_ERROR	The certificate cannot be registered, because a certificate with the same serial number is already registered in the i.EKA system.	Specifying to register a security module certificate when another security module certificate with the same serial number is already registered in the i.EKA system.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_DUPLICATE_ERROR	Such a certificate is already registered for another cash register.	Specifying the public key of a certificate that is already registered for another cash register.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_REGISTRTION_ERROR	The certificate cannot be registered because the cash register is without a security module.	When registering a safety module certificate for a cash register where the model type has the property "With SM" =No.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
UPDATE_ERROR	A cash register with a status of "Deregistered" or "Cancelled" or cannot be acted upon.	Initializing a method for a cash register with the status "Deregistered" or "Cancelled".	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey
CERTIFICATE_PUBLIC_KEY_ERROR_ISSUED	The certificate is issued by a company that cannot	A company that has issued a Safety Module Certificate is not certified	Method RegisterSecurityModuleCertificate

Error code	Error description	Reason for error	Methods affected by the error message
	service the cash register model.	to service the cash register model. The cash register model is not reported to the service company as being serviced with the status "Included".	Method UpdateSecurityModuleCertificate
CERTIFICATE_FILE_ERROR	Wrong certificate file format. The format should be PEM or DER.	Specifying the certificate in a format other than PEM or DER.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_RSA	Wrong certificate. The certificate is not RSA type.	Specifying certificate when the certificate is not of type RSA.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_2048_BIT	Wrong certificate public key. The key length is not 2048 bit.	Specifying certificate when the key length is not 2048 bit.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_SHA256	Wrong certificate. The hash function used is not SHA256.	Specify the certificate when the certificate is not created with the SHA256 hash function.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_PUBLIC_KEY_ERROR_NOT_TRUSTED	Wrong certificate. The certificate is not signed with a service company intermediate certificate issued by the STI to validate the security module certificates used in the cash register.	Specifying the public key of the certificate when the certificate is not signed with a service company intermediate certificate issued by the STI to validate the Security Module certificates used in the cash register.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_NOT_VALID	Wrong certificate. The certificate is invalid.	Specifying a certificate that is not valid or has expired.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_VALID_TOO_LONG	Wrong certificate. The certificate is valid longer than 2 years.	Specifying a certificate that is valid longer than 2 years.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
CERTIFICATE_SUBJECT_ERROR	Wrong certificate. The subject of the certificate is the same as the subject in the intermediate certificate.	Specifying a certificate that has the same subject as intermediate certificate.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate

Error code	Error description	Reason for error	Methods affected by the error message
SECURITY_MODULE_UPDATE_ERROR	The certificate cannot be changed as there is no certificate registered for the first safety module.	Specifying to update the safety module certificate when no safety module certificate is retained for a cash register.	Method UpdateSecurityModuleCertificate
SYMMETRIC_KEY_FOR_RECEPT_ERROR	The symmetric key (symmetricKeyReceiptDocuments) is not correctly specified. The symmetric key must be 128-bit.	Specifying an incorrect symmetric key that is not 128-bit.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey
SYMMETRIC_KEY_DUPLICATE	The specified symmetric keys are duplicated. The symmetric keys registered to the cash register must be different.	Also verified with registered and registered symmetric keys for cash register. By specifying a symmetric key that duplicates at least one symmetric key for the cash register. Symmetric keys for receipts and advance invoices cannot match.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey
SYMMETRIC_KEY_FOR_PRE_ORDER_DOCUMENTS_ERROR	Symmetric key (symmetricKeyFiscalPreOrderDocument) is incorrect. The symmetric key must be 128-bit.	Specifying an incorrect symmetric key that is not 128bit.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey
SETTINGS_PUBLIC_KEY_ERROR	The settings for the cash register are not encrypted with the STI i.EKA public key.	The cryptogram of the cash register settings provided is not encrypted with the STI i.EKA public key.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
SETTINGS_SIGNATURE_ERROR	The settings (settingsSignature) provided for the cash register are not signed with the private key of the security module of the cash register.	Submitted cash register settings cryptogram that is not signed with the private key of the security module (the most up-to-date certificate key transmitted to the i.EKA system).	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
SYMMETRIC_KEY_PUBLIC_KEY_ERROR	The symmetric keys of the cash register provided are not encrypted with the STI i.EKA public key.	Submitted cash register symmetric keys that are not encrypted with the STI i.EKA public key.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey
SYMMETRIC_KEY_SIGNATURE_ERROR	The symmetric keys of the cash register provided are not signed with the private key of the security	Submitted cash register symmetric keys that are not signed with the private key of the	Method RegisterSecurityModuleCertificate

Error code	Error description	Reason for error	Methods affected by the error message
	module of the cash register.	Security Module (the most up-to-date certificate key transmitted to the i.EKA system).	Method UpdateSecurityModuleCertificate Method UpdateSymmetricKey
SETTINGS_STRUCTURE_ERROR	The settings provided for the cash register do not match the structure or format.	Submitted cash register settings cryptogram (in the settings or settingsSignature elements) that does not match the data structure described in ASN1.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate
SETTINGS_CASH_REGISTER_INFO_ERROR	The provided settings is not match the data of the cash register. cashRegisterRegistrationNo or securityModuleRegistrationNo is not match the payment instrument registration data.	The provided settings is not match the data of the cash register. CashRegisterRegistrationNo or securityModuleRegistrationNo is not match the payment instrument registration data.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method ProvideSettings Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SETTINGS_SECURITY_MODULE_SERIES_NO_ERROR	The provided settings is not match registered data of the cash register. The unique security module serial number (securityModuleSeriesNo) provided by the security module manufacturer is not match.	The provided settings is not match registered data of the cash register. The unique security module serial number (securityModuleSeriesNo) provided by the security module manufacturer is not match.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method ProvideSettings Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SETTINGS_SECURITY_MODULE_IDENTIFICATION_NO_ERROR	The provided settings is not match registered data of the cash register. The security module identification number provided by the service company during security module preparation (securityModuleIdentificationNo) is not match.	The provided settings is not match registered data of the cash register. The security module identification number provided by the service company during security module preparation (securityModuleIdentificationNo) is not match.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method ProvideSettings Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SETTINGS_SECURITY_SOFTWARE_VERSION_ID_ERROR	The provided settings is not match the available security module software	The provided settings is not match the available security module software	Method RegisterSecurityModuleCertificate

Error code	Error description	Reason for error	Methods affected by the error message
	version ID (securityModuleSoftwareVersionID) that is registered for this cash register model.	version ID (securityModuleSoftwareVersionID) that is registered for this cash register model.	Method UpdateSecurityModuleCertificate Method ProvideSettings Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SETTINGS_PERSON_CODE_ERROR	The provided settings is not match registered data of the cash register. The cash register user (taxpayer) code (personCode) does not match.	The provided settings is not match registered data of the cash register. The cash register user (taxpayer) code (personCode) does not match.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SETTINGS_VMI_CERTIFICATE_PUBLIC_KEY_ERROR	The provided hash of the STI i.EKA certificate (VMICertificatePublicKey) is not match the public key that is used to encrypt the provided settings.	The provided hash of the STI i.EKA certificate (VMICertificatePublicKey) is not match the public key that is used to encrypt the provided settings.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SETTINGS_VMI_SECURITY_MODULE_PUBLIC_CERTIFICATE_KEY_ERROR	The provided security module certificate hash (securityModulePublicCertificateKey) is not match the certificate used to sign the provided settings.	The provided security module certificate hash (securityModulePublicCertificateKey) is not match the certificate used to sign the provided settings.	Method RegisterSecurityModuleCertificate Method UpdateSecurityModuleCertificate Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
SYMMETRIC_KEY_UPDATE_ERROR	Symmetric keys cannot be registered for a cash register because the cash register does not have a security module.	When registering a safety module certificate for a cash register where the model type has the property "With SM" = No.	Method UpdateSymmetricKey
SETTINGS_ERROR	The billing tool cannot provide or receive settings	When registering a safety module certificate for a cash register where the	Method GetSettingsCryptogram

Error code	Error description	Reason for error	Methods affected by the error message
	because it does not have a security module	model type has the property "With SM" = No.	Method ProvideSettings
SUSPEND_STATE_ERROR	Suspension is not possible. The status of the cash register is not "Registered" or "Submitted to suspend".	Specifying to suspend a cash register when its status is not "Registered" or "Submitted to suspend".	Method SuspendCashRegister
SUSPEND_SETTINGS_ERROR	Suspension is not possible. According to the settings provided by the security module, the i.EKA system is missing receipt data. Please provide all missing documents signed in the security module to the i.EKA system.	The information contained in the settings does not match the information available in i.EKA. I.e. not all the receipts indicated are accepted in i.EKA. That is to say, the following settings of the security module shall be checked against the settings of the cryptogram stored in the i.EKA system: - receiptQuantity = totalReceiptQuantity - fiscalDayQuantity = totalFiscalDayQuantity - nonFiscalDocumentQuantity = totalNonFiscalDocumentQuantity	Method SuspendCashRegister
SUSPEND_FISCAL_DAY_ERROR	Suspension is not possible. The last document submitted to the i.EKA system must be a fiscal day.	When the last document was submitted to i.EKA is not a fiscal day. I.e. a document with the type <i>FiscalDay</i> .	Method SuspendCashRegister
CERTIFIED_EMPLOYEE_NOT_FOUND	The employee with the given id (certifiedEmployeeID) is not found or has been deleted from the service company.	Specifying an employee ID that does not find a certified employee who is registered with the corresponding service company (which calls the method) with the status "Included" or "Submitted for deletion".	Method SuspendCashRegister Method ActivateCashRegister Method DeregisterCashRegister
CERTIFIED_EMPLOYEE_CERTIFICATE_ERROR	The specified employee (certifiedEmployeeID) does not have a certificate to service the specified model.	Specifying an employee ID that does not find a certified employee who does not have a serviced model specified in the certificate with the status "Included". Validated if the cash register model has the property "Does it require a certificate from the service company?" = Yes.	Method SuspendCashRegister Method ActivateCashRegister
ACTIVATE_STATE_ERROR	Cannot be activated. The status of the cash register	Activating a cash register when its status is not	Method ActivateCashRegister

Error code	Error description	Reason for error	Methods affected by the error message
	must be "Suspended" or „Submitted to activate“.	"Suspended" or „Submitted to activate“.	
ACTIVATE_ERROR	The cash register cannot be activated because a suspension has been initiated by the STI. An activation initiation by the STI is required.	Activating the cash register when the suspension was initiated by STI staff. Re-activation is allowed when the status is "Submitted to activate".	Method ActivateCashRegister
DEREGISTER_STATE_ERROR	De-registration is not possible. The status of the cash register must be 'Suspended', 'Registered' or "Submitted to deregister".	Specifying to deregister a cash register when its status is not "Suspended", "Registered", or "Submitted to deregister".	Method DeregisterCashRegister
DEREGISTER_FISCAL_DAY_ERROR	De-registration is not possible. The last document submitted to the i.EKA system must be a report (Z).	When the last document was submitted to i.EKA is not a report (Z). I.e. a document with the type <i>FiscalDay</i> .	Method DeregisterCashRegister
DEREGISTER_SETTINGS_ERROR	De-registration is not possible. According to the settings from the security module, the i.EKA system is missing receipt data. Please provide all missing documents signed in the security module to the i.EKA system.	The information contained in the settings does not match the information available in i.EKA. I.e. not all the receipts indicated are accepted in i.EKA. That is, the following settings of the security module shall be checked against the settings of the cryptogram stored in the i.EKA system: • receiptQuantity = totalReceiptQuantity • fiscalDayQuantity = totalFiscalDayQuantity • nonFiscalDocumentQuantity = totalNonFiscalDocumentQuantity	Method DeregisterCashRegister

7.4.12 Service WSDL

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<wsdl:definitions xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:tns="http://cash-register-data-
management-sm.ieka.vmi.lt" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:ns1="http://schemas.xmlsoap.org/soap/http"
name="CashRegisterDataManagementSMWebService" targetNamespace="http://cash-register-
data-management-sm.ieka.vmi.lt">
<wsdl:types>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://cash-
register-data-management-sm.ieka.vmi.lt" attributeFormDefault="unqualified"
elementFormDefault="qualified" targetNamespace="http://cash-register-data-management-
sm.ieka.vmi.lt" version="1.0">
<xs:complexType name="GetSettingsCryptogramRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetSettingsCryptogramResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram" type="tns:SettingsCryptogram">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės nustatymų kriptograma.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Settings cryptogram of the payment instrument.
Required if operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
```

```

</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SettingsCryptogram">
<xs:sequence>
<xs:element name="lastUpdate" type="xs:dateTime">
<xs:annotation>
<xs:documentation xml:lang="lt">Data ir laikas, kada paskutinį kartą atlikti
pakeitimai kriptogramoje.</xs:documentation>
<xs:documentation xml:lang="en">Date and time of last changes in the
cryptogram.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram">
<xs:annotation>
<xs:documentation xml:lang="lt">Kriptogramos duomenų struktūra (žr. Struktūra
Cryptogram) yra užšifruojama saugos modulio viešuoju raktu (RSAES-PKCS1-v1_5
Encryption). ASN1 formatu.</xs:documentation>
<xs:documentation xml:lang="en">The cryptogram data structure (Structure Cryptogram)
is encrypted with the public key of the security module (RSAES-PKCS1-v1_5 Encryption).
Format ASN1.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="256"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogramSignature">
<xs:annotation>
<xs:documentation xml:lang="lt">Kriptogramos duomenų struktūra (žr. Struktūra
Cryptogram) yra pasirašyta VMI i.EKA sertifikato privačiu raktu (RSASSA-PKCS1-v1_5
Signature Generation).</xs:documentation>
<xs:documentation xml:lang="en">The cryptogram data structure (Structure Cryptogram)
is signed with the private key of the STI i.EKA certificate (RSASSA-PKCS1-v1_5
Signature Generation).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="256"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Error">
<xs:sequence>
<xs:element name="errorCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos kodas.</xs:documentation>
<xs:documentation xml:lang="en">Error code.</xs:documentation>
</xs:annotation>
<xs:simpleType>

```

```

<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="descriptions">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai.</xs:documentation>
<xs:documentation xml:lang="en">Error descriptions.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="2" name="description" type="tns:Description">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai lietuvių ir anglų
kalbomis.</xs:documentation>
<xs:documentation xml:lang="en">Error descriptions in lithuanian and
english.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Description">
<xs:sequence>
<xs:element name="locale" type="tns:Locale">
<xs:annotation>
<xs:documentation xml:lang="lt">Atributas, nurodantis neatitikties pranešimo kalbą.
Atributo reikšmės: EN - neatitikties pranešimas anglų kalba; LT - neatitikties
pranešimas lietuvių kalba.</xs:documentation>
<xs:documentation xml:lang="en">An attribute specifying the language of the mismatch
message. Attribute Values: EN - mismatch message is in english; LT - mismatch message
is in lithuanian.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="errorMessage">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos pranešimas (aprašas).</xs:documentation>
<xs:documentation xml:lang="en">Error message (description).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="4000"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateSecurityModuleCertificateRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>

```

```

<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="securityModuleCertificate" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Pateikiamas sertifikato viešas raktas PEM formato
failu. Reikalavimai: RSA tipas, rakto ilgis: 2048 bit, maišos funkcija (angl. hash):
SHA256, sertifikatas pasirašytas VMI išduotu aptarnavimo įmonės tarpiniu sertifikatu,
skirtu tvirtinti atsiskaitymo priemonėje naudojamus saugos modulių
sertifikatus.</xs:documentation>
<xs:documentation xml:lang="en">Certificate public key provided as a PEM file.
Requirements: RSA type, key length: 2048 bit, hash: SHA256, the certificate is signed
by the intermediate certificate of the service company issued by STI, intended to
approve the data transfer certificates used in the cash register.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="symmetricKeyReceiptDocuments">
<xs:annotation>
<xs:documentation xml:lang="lt">Simetrinis raktas, skirtas fiskalinių kvitų duomenų
kodavimui. Užšifruota VMI i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption). Raktas
turi būti 128 bit, generuotas naudojant AES algoritmą.</xs:documentation>
<xs:documentation xml:lang="en">Symmetric key intended for fiscal receipt encoding.
Encrypted with STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Key must be 128
bit, generated using AES algorithm.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyReceiptDocumentsSignature">
<xs:annotation>
<xs:documentation xml:lang="lt">symmetricKeyReceiptDocuments (nešifruotas) reikšmė
pasirašyta saugos modulio sertifikato privačiu raktu (RSASSA-PKCS1-v1_5 Signature
Generation (SHA256withRSA)).</xs:documentation>
<xs:documentation xml:lang="en">symmetricKeyReceiptDocuments (without encryption)
signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation
(SHA256withRSA)).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

```

```

<xs:element name="symmetricKeyFiscalPreOrderDocument">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Simetrinis raktas, skirtas išankstinių sąskaitų
    duomenų kodavimui. Užšifruota VMI i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption).
    Raktas turi būti 128 bit, generuotas naudojant AES algoritmą.</xs:documentation>
    <xs:documentation xml:lang="en">Symmetric key intended for fiscal preorder document
    encoding. Encrypted with STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Key must
    be 128 bit, generated using AES algorithm.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:base64Binary">
      <xs:maxLength value="344"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyFiscalPreOrderDocumentSignature">
  <xs:annotation>
    <xs:documentation xml:lang="lt">symmetricKeyFiscalPreOrderDocument (nešifruotas)
    pasirašytas saugos modulio sertifikato privačiu raktu (RSASSA-PKCS1-v1_5 Signature
    Generation (SHA256withRSA)).</xs:documentation>
    <xs:documentation xml:lang="en">symmetricKeyFiscalPreOrderDocument (without
    encryption) signed with the security module private key (RSASSA-PKCS1-v1_5 Signature
    Generation (SHA256withRSA)).</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:base64Binary">
      <xs:maxLength value="344"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="securityModuleSettings" type="tns:SecurityModuleSettings">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio
    nustatymai.</xs:documentation>
    <xs:documentation xml:lang="en">Cash register security module
    settings.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SecurityModuleSettings">
  <xs:sequence>
    <xs:element name="settings">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Struktūra (žr. Struktūra Settings) užšifruota VMI
        i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption). Formatas ASN1.</xs:documentation>
        <xs:documentation xml:lang="en">The structure (Structure Settings) is encrypted with
        STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Format ASN1.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:base64Binary">
          <xs:maxLength value="256"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="settingsSignature">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Struktūra (žr. Struktūra Settings) pasirašyta saugos
        modulio privačiu raktu (RSASSA-PKCS1-v1_5 Signature Generation).</xs:documentation>

```

```

<xs:documentation xml:lang="en">The structure (Structure Settings) is signed with the
private key of the security module (RSASSA-PKCS1-v1_5 Signature
Generation).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="256"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateSecurityModuleCertificateResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certID">
<xs:annotation>
<xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
pateikiamas decimal formatu. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Certificate serial number. Serial number provided in
decimal format. Required if operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram" type="tns:SettingsCryptogram">
<xs:annotation>
<xs:documentation xml:lang="lt">Pateikiama atsiskaitymo priemonės kriptograma.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Provide cryptogram of the payment instrument. Required
if operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Error information. Required if the operation status
value is ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ActivateCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
00000001.</xs:documentation>

```



```

<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Aptarnavimo įmonės darbuotojo, kuriai priskirta
aptarnauti atsiskaitymo priemonę. Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Service company, assigned to service cash register,
employee. Obtainment of the employee ID is described in the AI001 integration
specification.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="securityModuleSettings" type="tns:SecurityModuleSettings">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio
nustatymai.</xs:documentation>
<xs:documentation xml:lang="en">Cash register security module
settings.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ActivateCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram" type="tns:SettingsCryptogram">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės nustatymų kriptograma.
Privalomas, jei operacijos statuso reikšmė – SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Settings cryptogram of the payment instrument.
Required if operation status value is SUCCESS.</xs:documentation>
</xs:annotation>

```

```

</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="DeregisterCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="deregistrationReason" type="tns:DeregistrationReason">
<xs:annotation>
<xs:documentation xml:lang="lt">Klasifikatoriaus CASH_REGISTER_DEREGISTRATION_REASON
reikšmių kodai. Galimos reikšmės: INCORRECT_DATA - Neteisingai nurodyti duomenys,
USER_DECISION - AP naudotojo iniciatyva. Teikiama ir privaloma tik tada, kai
atsiskaitymo priemonės būseną nėra SUBMITTED_TO_DEREGISTER.</xs:documentation>
<xs:documentation xml:lang="en">Classifier CASH_REGISTER_DEREGISTRATION_REASON value
codes. Allowed values: INCORRECT_DATA - Incorrect specified data, USER_DECISION - AP
user initiative. Provide and required only then, when the cash register status is not
SUBMITTED_TO_REGISTER.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="securityModuleDeactivated" type="xs:boolean">
<xs:annotation>
<xs:documentation xml:lang="lt">Galimos reikšmės: True, False. Jei pateikiama reikšmė
„True“, AP saugos modulis nebebus naudojamas. Bus deaktivuojamas.</xs:documentation>
<xs:documentation xml:lang="en">Allowed values: True, False. If the value "True" is
provided, PI security module will not be used. Will be deactivated.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="certifiedEmployeeID" type="xs:long">

```

```

<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Aptarnavimo įmonės darbuotojo, kuriai priskirta
aptarnauti atsiskaitymo priemonę. Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Service company, assigned to service cash register,
employee. Obtainment of the employee ID is described in the AI001 integration
specification.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="securityModuleSettings" type="tns:SecurityModuleSettings">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio
nustatymai.</xs:documentation>
<xs:documentation xml:lang="en">Cash register security module
settings.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="DeregisterCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram" type="tns:SettingsCryptogram">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės nustatymų kriptograma.
Pateikiama su būseną DEACTIVATED. Privalomas, jei operacijos statuso reikšmė -
SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Settings cryptogram of the payment instrument.
Provided with status DEACTIVATED. Required if operation status value is
SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateSymmetricKeyRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>

```

```

<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyReceiptDocuments">
<xs:annotation>
<xs:documentation xml:lang="lt">Simetrinis raktas, skirtas fiskalinių kvitų duomenų
kodavimui. Užšifruota VMI i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption). Raktas
turi būti 128 bit, generuotas naudojant AES algoritmą.</xs:documentation>
<xs:documentation xml:lang="en">Symmetric key intended for fiscal receipt encoding.
Encrypted with STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Key must be 128
bit, generated using AES algorithm. Not required if symmetricKeyFiscalPreOrderDocument
is provided.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyReceiptDocumentsSignature">
<xs:annotation>
<xs:documentation xml:lang="lt">symmetricKeyReceiptDocuments (nešifruotas) pasirašyta
saugos modulio sertifikato privačiu raktu (RSASSA-PKCS1-v1_5 Signature Generation
(SHA256withRSA)).</xs:documentation>
<xs:documentation xml:lang="en">symmetricKeyReceiptDocuments (without encryption)
signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation
(SHA256withRSA)).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyFiscalPreOrderDocument">
<xs:annotation>
<xs:documentation xml:lang="lt">Simetrinis raktas, skirtas išankstinių sąskaitų
duomenų kodavimui. Užšifruota VMI i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption).
Raktas turi būti 128 bit, generuotas naudojant AES algoritmą.</xs:documentation>
<xs:documentation xml:lang="en">Symmetric key intended for fiscal preorder document
encoding. Encrypted with STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Key must
be 128 bit, generated using AES algorithm. Not required if
symmetricKeyReceiptDocuments is provided.</xs:documentation>
</xs:annotation>
<xs:simpleType>

```

```

<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyFiscalPreOrderDocumentSignature">
<xs:annotation>
<xs:documentation xml:lang="lt">symmetricKeyFiscalPreOrderDocument (nešifruotas)
pasirašytas saugos modulio sertifikato privačiu raktu (RSASSA-PKCS1-v1_5 Signature
Generation (SHA256withRSA)).</xs:documentation>
<xs:documentation xml:lang="en">symmetricKeyFiscalPreOrderDocument (without
encryption) signed with the security module private key (RSASSA-PKCS1-v1_5 Signature
Generation (SHA256withRSA)).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="UpdateSymmetricKeyResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ProvideSettingsRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>

```

```

<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="securityModuleSettings" type="tns:SecurityModuleSettings">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio
nustatymai.</xs:documentation>
<xs:documentation xml:lang="en">Cash register security module
settings.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ProvideSettingsResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SuspendCashRegisterRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>

```

```

<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="suspendReason" type="tns:SuspendReason">
<xs:annotation>
<xs:documentation xml:lang="lt">Reikšmių kodai iš klasifikatoriaus
CASH_REGISTER_SUSPENSION_REASON. Galimos reikšmės: RESERVE,
RESPONSIBLE_STORAGE.</xs:documentation>
<xs:documentation xml:lang="en">Values from classifier
CASH_REGISTER_SUSPENSION_REASON. Allowed values: RESERVE,
RESPONSIBLE_STORAGE.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Aptarnavimo įmonės darbuotojo, kuriai priskirta
aptarnauti atsiskaitymo priemonę. Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Service company, assigned to service cash register,
employee. Obtainment of the employee ID is described in the AI001 integration
specification.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="securityModuleSettings" type="tns:SecurityModuleSettings">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio
nustatymai.</xs:documentation>
<xs:documentation xml:lang="en">Cash register security module
settings.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SuspendCashRegisterResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram" type="tns:SettingsCryptogram">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės nustatymų kriptograma.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Settings cryptogram of the payment instrument.
Required if operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>

```



```

<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="RegisterSecurityModuleCertificateRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Numerio pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="securityModuleCertificate" type="xs:base64Binary">
<xs:annotation>
<xs:documentation xml:lang="lt">Pateikiamas sertifikato viešas raktas PEM formato
failu. Reikalavimai: RSA tipas, rakto ilgis: 2048 bit, maišos funkcija (angl. hash):
SHA256, sertifikatas pasirašytas VMI išduotu aptarnavimo įmonės tarpiniu sertifikatu,
skirtu tvirtinti atsiskaitymo priemonėje naudojamus saugos modulių
sertifikatus.</xs:documentation>
<xs:documentation xml:lang="en">Certificate public key provided as a PEM file.
Requirements: RSA type, key length: 2048 bit, hash: SHA256, the certificate is signed
by the intermediate certificate of the service company issued by STI, intended to
approve the data transfer certificates used in the cash register.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="symmetricKeyReceiptDocuments">
<xs:annotation>
<xs:documentation xml:lang="lt">Simetrinis raktas, skirtas fiskalinių kvitų duomenų
kodavimui. Užšifruota VMI i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption). Raktas
turi būti 128 bit, generuotas naudojant AES algoritmą.</xs:documentation>
<xs:documentation xml:lang="en">Symmetric key intended for fiscal receipt encoding.
Encrypted with STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Key must be 128
bit, generated using AES algorithm.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">

```



```

<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyReceiptDocumentsSignature">
<xs:annotation>
<xs:documentation xml:lang="lt">symmetricKeyReceiptDocuments (nešifruotas) reikšmė
pasirašyta saugos modulio privačiu raktu (RSASSA-PKCS1-v1_5 Signature Generation
(SHA256withRSA)).</xs:documentation>
<xs:documentation xml:lang="en">symmetricKeyReceiptDocuments (without encryption)
signed with the security module private key (RSASSA-PKCS1-v1_5 Signature Generation
(SHA256withRSA)).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyFiscalPreOrderDocument">
<xs:annotation>
<xs:documentation xml:lang="lt">Simetrinis raktas, skirtas išankstinių sąskaitų
duomenų kodavimui. Užšifruota VMI i.EKA viešuoju raktu (RSAES-PKCS1-v1_5 Encryption).
Raktas turi būti 128 bit, generuotas naudojant AES algoritmą.</xs:documentation>
<xs:documentation xml:lang="en">Symmetric key intended for fiscal preorder document
encoding. Encrypted with STI i.EKA public key (RSAES-PKCS1-v1_5 Encryption). Key must
be 128 bit, generated using AES algorithm.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="symmetricKeyFiscalPreOrderDocumentSignature">
<xs:annotation>
<xs:documentation xml:lang="lt">symmetricKeyFiscalPreOrderDocument (nešifruotas)
pasirašytas saugos modulio privačiu raktu (RSASSA-PKCS1-v1_5 Signature Generation
(SHA256withRSA)).</xs:documentation>
<xs:documentation xml:lang="en">symmetricKeyFiscalPreOrderDocument (without
encryption) signed with the security module private key (RSASSA-PKCS1-v1_5 Signature
Generation (SHA256withRSA)).</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:base64Binary">
<xs:maxLength value="344"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="securityModuleSettings" type="tns:SecurityModuleSettings">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonės saugos modulio
nustatymai.</xs:documentation>
<xs:documentation xml:lang="en">Cash register security module
settings.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="RegisterSecurityModuleCertificateResponse">
<xs:sequence>

```

```

<xs:element name="status" type="tns:OperationStatus">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
    ERROR.</xs:documentation>
    <xs:documentation xml:lang="en">Operation status. Possible values: SUCCESS,
    ERROR.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certID">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Sertifikato serijinis numeris. Serijinis numeris
    pateikiamas decimal formatu. Privalomas, jei operacijos statuso reikšmė -
    SUCCESS.</xs:documentation>
    <xs:documentation xml:lang="en">Certificate serial number. Serial number provided in
    decimal format. Required if operation status value is SUCCESS.</xs:documentation>
  </xs:annotation>
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="250"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="settingsCryptogram" type="tns:SettingsCryptogram">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Pateikiama atsiskaitymo priemonės kriptograma.
    Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
    <xs:documentation xml:lang="en">Provide cryptogram of the payment instrument. Required
    if operation status value is SUCCESS.</xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
  <xs:annotation>
    <xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
    statuso reikšmė - ERROR.</xs:documentation>
    <xs:documentation xml:lang="en">Error information. Required if the operation status
    value is ERROR.</xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:simpleType name="OperationStatus">
  <xs:restriction base="xs:string">
    <xs:enumeration value="SUCCESS"/>
    <xs:enumeration value="ERROR"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="Locale">
  <xs:restriction base="xs:string">
    <xs:enumeration value="EN"/>
    <xs:enumeration value="LT"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DeregistrationReason">
  <xs:restriction base="xs:string">
    <xs:enumeration value="USER_DECISION"/>
    <xs:enumeration value="INCORRECT_DATA"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="SuspendReason">
  <xs:restriction base="xs:string">
    <xs:enumeration value="RESERVE"/>
  </xs:restriction>
</xs:simpleType>

```

```

<xs:enumeration value="RESPONSIBLE_STORAGE"/>
</xs:restriction>
</xs:simpleType>
<xs:element name="GetSettingsCryptogramRequest" nillable="true"
type="tns:GetSettingsCryptogramRequest"/>
<xs:element name="GetSettingsCryptogramResponse" nillable="true"
type="tns:GetSettingsCryptogramResponse"/>
<xs:element name="UpdateSecurityModuleCertificateRequest" nillable="true"
type="tns:UpdateSecurityModuleCertificateRequest"/>
<xs:element name="UpdateSecurityModuleCertificateResponse" nillable="true"
type="tns:UpdateSecurityModuleCertificateResponse"/>
<xs:element name="ActivateCashRegisterRequest" nillable="true"
type="tns:ActivateCashRegisterRequest"/>
<xs:element name="ActivateCashRegisterResponse" nillable="true"
type="tns:ActivateCashRegisterResponse"/>
<xs:element name="DeregisterCashRegisterRequest" nillable="true"
type="tns:DeregisterCashRegisterRequest"/>
<xs:element name="DeregisterCashRegisterResponse" nillable="true"
type="tns:DeregisterCashRegisterResponse"/>
<xs:element name="UpdateSymmetricKeyRequest" nillable="true"
type="tns:UpdateSymmetricKeyRequest"/>
<xs:element name="UpdateSymmetricKeyResponse" nillable="true"
type="tns:UpdateSymmetricKeyResponse"/>
<xs:element name="ProvideSettingsRequest" nillable="true"
type="tns:ProvideSettingsRequest"/>
<xs:element name="ProvideSettingsResponse" nillable="true"
type="tns:ProvideSettingsResponse"/>
<xs:element name="SuspendCashRegisterRequest" nillable="true"
type="tns:SuspendCashRegisterRequest"/>
<xs:element name="SuspendCashRegisterResponse" nillable="true"
type="tns:SuspendCashRegisterResponse"/>
<xs:element name="RegisterSecurityModuleCertificateRequest" nillable="true"
type="tns:RegisterSecurityModuleCertificateRequest"/>
<xs:element name="RegisterSecurityModuleCertificateResponse" nillable="true"
type="tns:RegisterSecurityModuleCertificateResponse"/>
</xs:schema>
</wsdl:types>
<wsdl:message name="GetSettingsCryptogram">
<wsdl:part element="tns:GetSettingsCryptogramRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ActivateCashRegister">
<wsdl:part element="tns:ActivateCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="DeregisterCashRegisterResponse">
<wsdl:part element="tns:DeregisterCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateSymmetricKeyResponse">
<wsdl:part element="tns:UpdateSymmetricKeyResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ProvideSettingsResponse">
<wsdl:part element="tns:ProvideSettingsResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ActivateCashRegisterResponse">
<wsdl:part element="tns:ActivateCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="SuspendCashRegisterResponse">
<wsdl:part element="tns:SuspendCashRegisterResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateSecurityModuleCertificate">
<wsdl:part element="tns:UpdateSecurityModuleCertificateRequest" name="param">
</wsdl:part>

```

```

</wsdl:message>
<wsdl:message name="DeregisterCashRegister">
<wsdl:part element="tns:DeregisterCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateSymmetricKey">
<wsdl:part element="tns:UpdateSymmetricKeyRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="RegisterSecurityModuleCertificateResponse">
<wsdl:part element="tns:RegisterSecurityModuleCertificateResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="GetSettingsCryptogramResponse">
<wsdl:part element="tns:GetSettingsCryptogramResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ProvideSettings">
<wsdl:part element="tns:ProvideSettingsRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="UpdateSecurityModuleCertificateResponse">
<wsdl:part element="tns:UpdateSecurityModuleCertificateResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="SuspendCashRegister">
<wsdl:part element="tns:SuspendCashRegisterRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="RegisterSecurityModuleCertificate">
<wsdl:part element="tns:RegisterSecurityModuleCertificateRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:portType name="CashRegisterDataManagementSMWebService">
<wsdl:operation name="GetSettingsCryptogram">
<wsdl:input message="tns:GetSettingsCryptogram" name="GetSettingsCryptogram">
</wsdl:input>
<wsdl:output message="tns:GetSettingsCryptogramResponse"
name="GetSettingsCryptogramResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateSecurityModuleCertificate">
<wsdl:input message="tns:UpdateSecurityModuleCertificate"
name="UpdateSecurityModuleCertificate"> </wsdl:input>
<wsdl:output message="tns:UpdateSecurityModuleCertificateResponse"
name="UpdateSecurityModuleCertificateResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ActivateCashRegister">
<wsdl:input message="tns:ActivateCashRegister" name="ActivateCashRegister">
</wsdl:input>
<wsdl:output message="tns:ActivateCashRegisterResponse"
name="ActivateCashRegisterResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="DeregisterCashRegister">
<wsdl:input message="tns:DeregisterCashRegister" name="DeregisterCashRegister">
</wsdl:input>
<wsdl:output message="tns:DeregisterCashRegisterResponse"
name="DeregisterCashRegisterResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateSymmetricKey">
<wsdl:input message="tns:UpdateSymmetricKey" name="UpdateSymmetricKey"> </wsdl:input>
<wsdl:output message="tns:UpdateSymmetricKeyResponse"
name="UpdateSymmetricKeyResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ProvideSettings">
<wsdl:input message="tns:ProvideSettings" name="ProvideSettings"> </wsdl:input>

```

```

<wsdl:output message="tns:ProvideSettingsResponse" name="ProvideSettingsResponse">
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="SuspendCashRegister">
<wsdl:input message="tns:SuspendCashRegister" name="SuspendCashRegister">
</wsdl:input>
<wsdl:output message="tns:SuspendCashRegisterResponse"
name="SuspendCashRegisterResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="RegisterSecurityModuleCertificate">
<wsdl:input message="tns:RegisterSecurityModuleCertificate"
name="RegisterSecurityModuleCertificate"> </wsdl:input>
<wsdl:output message="tns:RegisterSecurityModuleCertificateResponse"
name="RegisterSecurityModuleCertificateResponse"> </wsdl:output>
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="CashRegisterDataManagementSMWebServiceSoapBinding"
type="tns:CashRegisterDataManagementSMWebService">
<soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
<wsdl:operation name="GetSettingsCryptogram">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetSettingsCryptogram">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetSettingsCryptogramResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateSecurityModuleCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="UpdateSecurityModuleCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="UpdateSecurityModuleCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ActivateCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="ActivateCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="ActivateCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="DeregisterCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="DeregisterCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="DeregisterCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateSymmetricKey">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="UpdateSymmetricKey">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="UpdateSymmetricKeyResponse">

```

```
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ProvideSettings">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="ProvideSettings">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="ProvideSettingsResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="SuspendCashRegister">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="SuspendCashRegister">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="SuspendCashRegisterResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="RegisterSecurityModuleCertificate">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="RegisterSecurityModuleCertificate">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="RegisterSecurityModuleCertificateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="CashRegisterDataManagementSMWebService">
<wsdl:port binding="tns:CashRegisterDataManagementSMWebServiceSoapBinding"
name="CashRegisterDataManagementSMWebService">
<soap:address location="https://ieka-service-companies-public-
ws.x.insoft.lt/services/v1/cashRegisterDataManagementSMWs"/>
</wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

7.4.13 Decisions/requirements changes/clarifications

Date	Description	Notes
-	-	-

7.5 EKA003. Web services for the management of cash register (with VF)

7.5.1 Interface specification

Title	Web services for the management of cash register (with VF)
Interface implementation method	Web service.
Web service URL address	URLs for web service environments: Production environment - https://ieka-cr-ws.vmi.lt/services/v1/cashRegisterDataManagementVFWs?wsdl DEMO environments - https://ieka-cr-ws-demo.vmi.lt/services/v1/cashRegisterDataManagementVFWs?wsdl
Web service description	The document contains descriptions of the web services that are intended to provide the following functions for cash registers (cash registers with virtual focalization):

Title	Web services for the management of cash register (with VF)
	1. Get status of cash register from the i.EKA system. 2. Provide suspension information of cash register to the i.EKA system. 3. Provide activation of cash register to the i.EKA system. 4. Provide deregistration of cash register to the i.EKA system.
Purpose	Update the status of the cash register with VF and and provide updated data of the status to the i.EKA system. The data is provided by cash register with VF.
Description	• Method GetCashRegisterWithVFState – method to get status of cash register from the i.EKA system. • Method SuspendCashRegisterWithVF – method to provide suspension information of cash register to the i.EKA system. • Method ActivateCashRegisterWithVF – method to provide activation of cash register to the i.EKA system. • Method DeregisterCashRegisterWithVF – method to provide deregistration of cash register to the i.EKA system.

7.5.2 Safety

The Web service client is authenticated using the SSL Client Certificate Authentication mechanism, as well as the TLS protocol - version 1.2 or 1.3.

The web service identifies itself by presenting a certificate issued by a trusted Certificate Authority (CA) (CN=ieka-ws.vmi.lt). The cash register identifies itself by **providing a certificate for the Data Transport Module**, which is registered in the i.EKA system for cash register.

Each cash register can only have one registered Data Transport Module certificate at a time. Data transport certificates of the cash register are submitted, validated and registered by service providers. The Data Transfer Module certificate is registered and updated in the i.EKA system by the service company.

7.5.3 Method GetCashRegisterWithVFState

Description	Method to get status of cash register from the i.EKA system.
Call parameters	Structure GetCashRegisterWithVFStateRequest
Results	Structure GetCashRegisterWithVFStateResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors.

7.5.3.1 Structure GetCashRegisterWithVFStateRequest

An empty request is provided. The requesting cash register is identified from the submitted cash register data transport module certificate.

7.5.3.2 Structure GetCashRegisterWithVFStateResponse

Name	Type	Length	Mandatory	Description
cashRegisterStatus	enum	-	No*	Possible meanings: • SUBMITTED_TO_DEREGISTER • DEREGISTERED • SUBMITTED_TO_SUSPEND • SUSPENDED • SUBMITTED_TO_REGISTER • REGISTERED *Mandatory if the transaction status is SUCCESS.
Status	enum	-	Yes	Operation status. Possible values: • SUCCESS • ERROR

Name	Type	Length	Mandatory	Description
errors	Structure Error	-	0..n*	Error information. *Mandatory if the transaction status is ERROR.

7.5.4 Method SuspendCashRegisterWithVF

Description	Method to provide suspension information of cash register to the i.EKA system.
Call parameters	Structure SuspendCashRegisterWithVFRequest
Results	Structure SuspendCashRegisterWithVFResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions are returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors.

7.5.4.1 Structure SuspendCashRegisterWithVFRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
suspendReason	enum	-	Yes	Value codes from the classifier CASH_REGISTER_SUSPENSION_REASON. Possible meanings: - RESERVE - RESPONSIBLE_STORAGE
certifiedEmployeeID	long	-	Yes	The ID of a service company employee working for the service company (certifiedEmployee → id). A member of the service company's staff was assigned to service the cash register. The Employee Receipt ID is described in integration specification A1001

7.5.4.2 Structure SuspendCashRegisterWithVFResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR SUCCESS status shall be provided if the cash register status is changed to SUSPENDED.
errors	Structure Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.5.5 Method ActivateCashRegisterWithVF

Description	Method to provide activation of cash register to the i.EKA system.
Call parameters	Structure ActivateCashRegisterWithVFRequest
Results	Structure ActivateCashRegisterWithVFResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.5.5.1 Structure ActivateCashRegisterWithVFRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
certifiedEmployeeID	long	-	Yes	The ID of a service company employee working for the service company (certifiedEmployee → id). The employee of the servicing company is assigned to service the cash register. The worker's receipt ID is described in integration specification AI001 .

7.5.5.2 Structure ActivateCashRegisterWithVFResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Possible values: - SUCCESS - ERROR SUCCESS shall be provided if the cash register status is changed to REGISTERED.
errors	Structure Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.5.6 Method DeregisterCashRegisterWithVF

Description	Method to provide deregistration of cash register to the i.EKA system.
Call parameters	Structure DeregisterCashRegisterWithVFRequest
Results	Structure DeregisterCashRegisterWithVFResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Additional data validations are also performed as described in the section of this document, see Errors

7.5.6.1 Structure DeregisterCashRegisterWithVFRequest

Name	Type	Length	Mandatory	Description
cashRegisterRegistrationID	string	11	Yes	An identifier has been assigned to a specific owner for the registration of a cash register in the i.EKA system. E.g.: R-000000001
cashRegisterRegistrationNo	string	12	Yes	The cash register has been assigned an identifier in the i.EKA system. E.g.: CR-000000001
deregistrationReason	enum	-	No*	Value codes for the classifier CASH_REGISTER_DEREGISTRATION_REASON. Possible meanings: - INCORRECT_DATA - USER_DECISION *Provided and required only when the status of the cash register is not SUBMITTED_TO_DEREGISTER.
certifiedEmployeeID	long	-	No	The ID of a service company employee working for the service company (certifiedEmployee → id). The employee of the servicing company is assigned to service the cash register. The worker's receipt ID is described in integration specification AI001 .

7.5.6.2 Structure DeregisterCashRegisterWithVFResponse

Name	Type	Length	Mandatory	Description
Status	enum	-	Yes	Operation status. Possible meanings: - SUCCESS - ERROR

Name	Type	Length	Mandatory	Description
				SUCCESS is provided if the cash register state is changed to DEREGISTERED.
errors	Structure Error	-	No*	Error information. *Mandatory if the transaction status is ERROR.

7.5.6.3 Structure Error

Name	Type	Length	Mandatory	Description
errorCode	string	250	Yes	Error code, see Errors.
descriptions	Structure Descriptions	-	Yes	Error descriptions.

7.5.6.4 Structure Descriptions

Name	Type	Length	Mandatory	Description
description	Structure Description	-	1..2	Error descriptions in Lithuanian and English.

7.5.6.5 Structure Description

Name	Type	Length	Mandatory	Description
locale	enum	-	Yes	An attribute indicating the language of the non-compliance message. Attribute values: - EN - non-compliance notice in English; - EN - non-compliance message in Lithuanian.
errorMessage	string	4000	Yes	Error message (description).

7.5.7 Errors

Error code	Error description	Reason for error	Methods affected by the error message
CERTIFICATE_IS_CANCELED	The request is not possible and the certificate is invalid.	Inviting a request with an invalid Data Transfer (Transport) Module certificate.	Relevant for all the methods described.
INTERNAL_SERVER_ERROR	Unknown error.	When an unknown (unforeseen) error occurs after a request.	Relevant for all the methods described.
CASH_REGISTER_NOT_MATCH_TRANSPORT_CERTIFICATE	The data transfer (transport) certificate does not correspond to the billing instrument indicated. The data transfer (transport) certificate is not registered for this settlement instrument.	The specified settlement instrument (by cashRegisterRegistrationID) does not match the settlement instrument transmitting the data. I.e. the data transfer (transport) certificate (which is used to call the method) is registered to a different settlement instrument.	Relevant for all the methods described.
SERVICE_FOR_CASH_REGISTER_WITH_VF_ERROR	The request is not available, the cash register type is not available with virtual fiscalization.	Upon submission of a request with a cash register data transfer (transport) module certificate that belongs to a registered cash register that does not have a VF (AP Model Type (Payment Instrument Types (PAYMENT_INSTRUMENT_TYPE))) does not have	Relevant for all the methods described.

Error code	Error description	Reason for error	Methods affected by the error message
		the attribute "Virtual"=YES).	
REGISTRATIONS_NO_NOT_MATCH	The numbers indicated (<indicate elements of mismatched numbers: cashRegisterRegistrationID, cashRegisterRegistrationNo, securityModuleRegistrationNo>) do not correspond to the settlement instrument registered in the i.EKA system.	Specifying the numbers (cashRegisterRegistrationID, cashRegisterRegistrationNo / securityModuleRegistrationNo) for which no settlement instrument has been found in i.EKA.	Method SuspendCashRegisterWithVF Method ActivateCashRegisterWithVF Method DeregisterCashRegisterWithVF
SUSPEND_STATE_ERROR	Suspension is not possible. The status of the settlement instrument is not "Registered" or "Submitted to suspend".	Specifying to suspend a settlement instrument when its status is not "Registered" or "Submitted to suspend".	Method SuspendCashRegisterWithVF
SUSPEND_FISCAL_DAY_ERROR	Suspension is not possible. The last document submitted to the i.EKA system must be a fiscal day.	When the last document was submitted to i.EKA is not a fiscal day. I.e. a document with the type FiscalDay.	Method SuspendCashRegisterWithVF
ACTIVATE_STATE_ERROR	Cannot be activated. The status of the cash register must be "Suspended" or „Submitted to activate“.	Activating a settlement instrument when its status is not "Suspended" or „Submitted to activate“.	Method ActivateCashRegisterWithVF
ACTIVATE_ERROR	The settlement instrument cannot be activated because a suspension has been initiated by the VMI. An activation initiation by the VMI is required.	Activating the settlement instrument when the suspension was initiated by VMI staff. Re-activation is allowed when the status is "Submitted to activate".	Method ActivateCashRegisterWithVF
DEREGISTER_STATE_ERROR	De-registration is not possible. The status of the cash register must be "Suspended", "Registered" or "Submitted to deregister".	Specifying to deregister a cash register when its status is not "Suspended", "Registered", or "Submitted to deregister".	Method DeregisterCashRegisterWithVF
DEREGISTER_FISCAL_DAY_ERROR	Deregistration is not possible. The last document submitted to the i.EKA system must be a fiscal day.	When the last document was submitted to i.EKA is not a fiscal day. I.e. a document with type FiscalDay.	Method DeregisterCashRegisterWithVF
CERTIFIED_EMPLOYEE_NOT_FOUND	The employee with the given id (certifiedEmployeeID) is not found or has been deleted from the service company.	Specifying an employee ID that does not find a certified employee who is registered with the corresponding service company (which calls the method) with the status "Included" or "Submitted for deletion".	Method SuspendCashRegisterWithVF Method ActivateCashRegisterWithVF Method DeregisterCashRegisterWithVF

Error code	Error description	Reason for error	Methods affected by the error message
CERTIFIED_EMPLOYEE_CERTIFICATE_ERROR	The specified employee (certifiedEmployeeID) does not have a certificate to service the specified model.	Specifying an employee ID that does not find a certified employee who does not have a servicing model specified in the certificate with the status "Included". Validated if the AP model has the property "Does it require a certificate from the service company?" = Yes.	Method SuspendCashRegisterWithVF Method ActivateCashRegisterWithVF

7.5.8 *Service WSDL*

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<wsdl:definitions xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:tns="http://cash-register-data-
management-vf.ieka.vmi.lt" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
xmlns:ns1="http://schemas.xmlsoap.org/soap/http"
name="CashRegisterDataManagementVFWebService" targetNamespace="http://cash-register-
data-management-vf.ieka.vmi.lt">
<wsdl:types>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:tns="http://cash-
register-data-management-vf.ieka.vmi.lt" attributeFormDefault="unqualified"
elementFormDefault="qualified" targetNamespace="http://cash-register-data-management-
vf.ieka.vmi.lt" version="1.0">
<xs:complexType name="DeregisterCashRegisterWithVFRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="deregistrationReason" type="tns:DeregistrationReason">
<xs:annotation>
<xs:documentation xml:lang="lt">Klasifikatoriaus CASH_REGISTER_DEREGISTRATION_REASON
reikšmių kodai. Galimos reikšmės: INCORRECT_DATA - Neteisingai nurodyti duomenys,
USER_DECISION - AP naudotojo iniciatyva, Teikiama ir privaloma tik tada, kai
atsiskaitymo priemonės būseną nėra SUBMITTED_TO_DEREGISTER.</xs:documentation>
<xs:documentation xml:lang="en">Value codes from classifier
CASH_REGISTER_DEREGISTRATION_REASON. Allowed values: INCORRECT_DATA - Incorrect
specified data, USER_DECISION - AP user initiative, Provide and required only when
cash register status is not SUBMITTED_TO_DEREGISTER.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Aptarnavimo įmonės darbuotojo, kuriai priskirta
aptarnauti atsiskaitymo priemonę. Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001.</xs:documentation>
```

```

<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Cash register assigned to the employee of a service company.
Obtainment of the employee ID is described in the AI001 integration
specification</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="DeregisterCashRegisterWithVFResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS, ERROR.
Teikiama SUCCESS, jei AP būseną pakeičiama į DEACTIVATED.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Allowed values: SUCCESS, ERROR.
Provide SUCCESS if PI status is being changed to DEACTIVATED.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="Error">
<xs:sequence>
<xs:element name="errorCode">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos kodas.</xs:documentation>
<xs:documentation xml:lang="en">Error code.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="250"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="descriptions">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai.</xs:documentation>
<xs:documentation xml:lang="en">Error descriptions.</xs:documentation>
</xs:annotation>
<xs:complexType>
<xs:sequence>
<xs:element maxOccurs="2" name="description" type="tns:Description">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos aprašymai lietuvių ir anglų
kalbomis.</xs:documentation>
<xs:documentation xml:lang="en">Error descriptions in lithuanian and
english.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```

```

<xs:complexType name="Description">
  <xs:sequence>
    <xs:element name="locale" type="tns:Locale">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Atributas, nurodantis neatitikties pranešimo kalbą.
        Atributo reikšmės: EN - neatitikties pranešimas anglų kalba; LT - neatitikties
        pranešimas lietuvių kalba.</xs:documentation>
        <xs:documentation xml:lang="en">An attribute specifying the language of the mismatch
        message. Attribute Values: EN - mismatch message is in english; LT - mismatch message
        is in lithuanian.</xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="errorMessage">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Klaidos pranešimas (aprašas).</xs:documentation>
        <xs:documentation xml:lang="en">Error message (description).</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="4000"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="SuspendCashRegisterWithVFRequest">
  <xs:sequence>
    <xs:element name="cashRegisterRegistrationID">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
        registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
        000000001.</xs:documentation>
        <xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
        the PI given to the specific owner. Example: R-000000001.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="11"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="cashRegisterRegistrationNo">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
        i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
        <xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
        Example: CR-000000001.</xs:documentation>
      </xs:annotation>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="12"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="suspendReason" type="tns:SuspendReason">
      <xs:annotation>
        <xs:documentation xml:lang="lt">Reikšmių kodai iš klasifikatoriaus
        CASH_REGISTER_SUSPENSION_REASON. Galimos reikšmės: RESERVE,
        RESPONSIBLE_STORAGE.</xs:documentation>

```



```

<xs:documentation xml:lang="en">Values from classifier
CASH_REGISTER_SUSPENSION_REASON. Allowed values: RESERVE,
RESPONSIBLE_STORAGE.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Aptarnavimo įmonės darbuotojo, kuriai priskirta
aptarnauti atsiskaitymo priemonę. Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Cash register assigned to the employee of a service company.
Obtainment of the employee ID is described in the AI001 integration
specification</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="SuspendCashRegisterWithVFResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS, ERROR.
Teikiama SUCCESS, jei AP būseną pakeičiama į SUSPENDED.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Allowed values: SUCCESS, ERROR.
Provide SUCCESS if PI status is being changed to SUSPENDED.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ActivateCashRegisterWithVFRequest">
<xs:sequence>
<xs:element name="cashRegisterRegistrationID">
<xs:annotation>
<xs:documentation xml:lang="lt">Konkrečiam savininkui atsiskaitymo priemonės
registracijai suteiktas identifikatorius i.EKA sistemoje. Pvz.: R-
000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier in the i.EKA system for the registration of
the PI given to the specific owner. Example: R-000000001.</xs:documentation>
</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:length value="11"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="cashRegisterRegistrationNo">
<xs:annotation>
<xs:documentation xml:lang="lt">Atsiskaitymo priemonei suteiktas identifikatorius
i.EKA sistemoje. Pvz.: CR-000000001.</xs:documentation>
<xs:documentation xml:lang="en">Identifier given to the PI in the i.EKA system.
Example: CR-000000001.</xs:documentation>

```

```

</xs:annotation>
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:maxLength value="12"/>
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="certifiedEmployeeID" type="xs:long">
<xs:annotation>
<xs:documentation xml:lang="lt">Aptarnavimo įmonės darbuotojo, dirbančio aptarnavimo
įmonėje, ID (certifiedEmployee → id). Aptarnavimo įmonės darbuotojo, kuriai priskirta
aptarnauti atsiskaitymo priemonę. Darbuotojo gavimo ID aprašytas integracijos
specifikacijoje AI001.</xs:documentation>
<xs:documentation xml:lang="en">ID of the employee working for the service company
(certifiedEmployee → id). Cash register assigned to the employee of a service company.
Obtainment of the employee ID is described in the AI001 integration
specification</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="ActivateCashRegisterWithVFResponse">
<xs:sequence>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS, ERROR.
Teikiama SUCCESS, jei AP būseną pakeičiama į REGISTERED.</xs:documentation>
<xs:documentation xml:lang="en">Operation status. Allowed values: SUCCESS, ERROR.
Provide SUCCESS if PI status is being changed to REGISTERED.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:complexType name="GetCashRegisterWithVFStateRequest">
<xs:sequence/>
</xs:complexType>
<xs:complexType name="GetCashRegisterWithVFStateResponse">
<xs:sequence>
<xs:element minOccurs="0" name="cashRegisterStatus" type="tns:Status">
<xs:annotation>
<xs:documentation xml:lang="lt">Galimos reikšmės: SUBMITTED_TO_DEREGISTER,
DEREGISTERED, SUBMITTED_TO_SUSPEND, SUSPENDED, SUBMITTED_TO_REGISTER, REGISTERED.
Privalomas, jei operacijos statuso reikšmė - SUCCESS.</xs:documentation>
<xs:documentation xml:lang="en">Allowed values: SUBMITTED_TO_DEREGISTER, DEREGISTERED,
SUBMITTED_TO_SUSPEND, SUSPENDED, SUBMITTED_TO_REGISTER, REGISTERED. Required if
operation status value is SUCCESS.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="status" type="tns:OperationStatus">
<xs:annotation>
<xs:documentation xml:lang="lt">Operacijos statusas. Galimos reikšmės: SUCCESS,
ERROR.</xs:documentation>

```

```

<xs:documentation xml:lang="en">Operation status. Allowed values: SUCCESS,
ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
<xs:element minOccurs="0" name="error" type="tns:Error">
<xs:annotation>
<xs:documentation xml:lang="lt">Klaidos informacija. Privalomas, jei operacijos
statuso reikšmė - ERROR.</xs:documentation>
<xs:documentation xml:lang="en">Error information. Required if the operation status
value is ERROR.</xs:documentation>
</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:simpleType name="DeregistrationReason">
<xs:restriction base="xs:string">
<xs:enumeration value="USER_DECISION"/>
<xs:enumeration value="INCORRECT_DATA"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="OperationStatus">
<xs:restriction base="xs:string">
<xs:enumeration value="SUCCESS"/>
<xs:enumeration value="ERROR"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Locale">
<xs:restriction base="xs:string">
<xs:enumeration value="EN"/>
<xs:enumeration value="LT"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="SuspendReason">
<xs:restriction base="xs:string">
<xs:enumeration value="RESERVE"/>
<xs:enumeration value="RESPONSIBLE_STORAGE"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="Status">
<xs:restriction base="xs:string">
<xs:enumeration value="SUBMITTED_TO_DEREGISTER"/>
<xs:enumeration value="DEREGISTERED"/>
<xs:enumeration value="SUBMITTED_TO_SUSPEND"/>
<xs:enumeration value="SUSPENDED"/>
<xs:enumeration value="SUBMITTED_TO_REGISTER"/>
<xs:enumeration value="REGISTERED"/>
</xs:restriction>
</xs:simpleType>
<xs:element name="DeregisterCashRegisterWithVFRequest" nillable="true"
type="tns:DeregisterCashRegisterWithVFRequest"/>
<xs:element name="DeregisterCashRegisterWithVFResponse" nillable="true"
type="tns:DeregisterCashRegisterWithVFResponse"/>
<xs:element name="SuspendCashRegisterWithVFRequest" nillable="true"
type="tns:SuspendCashRegisterWithVFRequest"/>
<xs:element name="SuspendCashRegisterWithVFResponse" nillable="true"
type="tns:SuspendCashRegisterWithVFResponse"/>
<xs:element name="ActivateCashRegisterWithVFRequest" nillable="true"
type="tns:ActivateCashRegisterWithVFRequest"/>
<xs:element name="ActivateCashRegisterWithVFResponse" nillable="true"
type="tns:ActivateCashRegisterWithVFResponse"/>

```

```

<xs:element name="GetCashRegisterWithVFStateRequest" nillable="true"
type="tns:GetCashRegisterWithVFStateRequest"/>
<xs:element name="GetCashRegisterWithVFStateResponse" nillable="true"
type="tns:GetCashRegisterWithVFStateResponse"/>
</xs:schema>
</wsdl:types>
<wsdl:message name="GetCashRegisterWithVFStateResponse">
<wsdl:part element="tns:GetCashRegisterWithVFStateResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="DeregisterCashRegisterWithVF">
<wsdl:part element="tns:DeregisterCashRegisterWithVFRequest" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="SuspendCashRegisterWithVFResponse">
<wsdl:part element="tns:SuspendCashRegisterWithVFResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ActivateCashRegisterWithVF">
<wsdl:part element="tns:ActivateCashRegisterWithVFRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="GetCashRegisterWithVFState">
<wsdl:part element="tns:GetCashRegisterWithVFStateRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="ActivateCashRegisterWithVFResponse">
<wsdl:part element="tns:ActivateCashRegisterWithVFResponse" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:message name="DeregisterCashRegisterWithVFResponse">
<wsdl:part element="tns:DeregisterCashRegisterWithVFResponse" name="param">
</wsdl:part>
</wsdl:message>
<wsdl:message name="SuspendCashRegisterWithVF">
<wsdl:part element="tns:SuspendCashRegisterWithVFRequest" name="param"> </wsdl:part>
</wsdl:message>
<wsdl:portType name="CashRegisterDataManagementVFWebService">
<wsdl:operation name="DeregisterCashRegisterWithVF">
<wsdl:input message="tns:DeregisterCashRegisterWithVF"
name="DeregisterCashRegisterWithVF"> </wsdl:input>
<wsdl:output message="tns:DeregisterCashRegisterWithVFResponse"
name="DeregisterCashRegisterWithVFResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SuspendCashRegisterWithVF">
<wsdl:input message="tns:SuspendCashRegisterWithVF" name="SuspendCashRegisterWithVF">
</wsdl:input>
<wsdl:output message="tns:SuspendCashRegisterWithVFResponse"
name="SuspendCashRegisterWithVFResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ActivateCashRegisterWithVF">
<wsdl:input message="tns:ActivateCashRegisterWithVF"
name="ActivateCashRegisterWithVF"> </wsdl:input>
<wsdl:output message="tns:ActivateCashRegisterWithVFResponse"
name="ActivateCashRegisterWithVFResponse"> </wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetCashRegisterWithVFState">
<wsdl:input message="tns:GetCashRegisterWithVFState"
name="GetCashRegisterWithVFState"> </wsdl:input>
<wsdl:output message="tns:GetCashRegisterWithVFStateResponse"
name="GetCashRegisterWithVFStateResponse"> </wsdl:output>
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="CashRegisterDataManagementVFWebServiceSoapBinding"
type="tns:CashRegisterDataManagementVFWebService">
<soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>

```

```
<wsdl:operation name="DeregisterCashRegisterWithVF">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="DeregisterCashRegisterWithVF">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="DeregisterCashRegisterWithVFResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="SuspendCashRegisterWithVF">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="SuspendCashRegisterWithVF">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="SuspendCashRegisterWithVFResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="ActivateCashRegisterWithVF">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="ActivateCashRegisterWithVF">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="ActivateCashRegisterWithVFResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
<wsdl:operation name="GetCashRegisterWithVFState">
<soap:operation soapAction="" style="document"/>
<wsdl:input name="GetCashRegisterWithVFState">
<soap:body use="literal"/>
</wsdl:input>
<wsdl:output name="GetCashRegisterWithVFStateResponse">
<soap:body use="literal"/>
</wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="CashRegisterDataManagementVFWebService">
<wsdl:port binding="tns:CashRegisterDataManagementVFWebServiceSoapBinding"
name="CashRegisterDataManagementVFWebService">
<soap:address location="https://ieka-service-companies-public-
ws.x.insoft.lt/services/v1/cashRegisterDataManagementVFWS"/>
</wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

7.5.9 Decisions/requirements changes/clarifications

Date	Description	Notes
-	-	-

8 GENERAL INFORMATION ABOUT THE DATA OF TRANSFERRED RECEIPTS

The service implemented by i.EKA "Solution for handling fiscal and other receipt data accounted for by cash registers and signed with the Security module" provides the possibility for i.EKA to provide the following documents:

- Fiscal receipts.
- Fiscal day documents.
- Non-fiscal documents (Non-fiscal receipt, Non-fiscal cash deposit and withdrawal receipt, Non-fiscal receipt for cash register maintenance or repair operations, Non-fiscal document of canceled fiscal receipts, Non-fiscal tax change document, Non-fiscal technical fuel filling receipt, Advance invoice, Non-fiscal return of goods and (or) service refusal document, Non-fiscal receipt of payment/disbursement of other funds, Non-fiscal information transfer violation receipt).

Documents must be grouped into files. Only one cash registers can be submitted in one file and there can be no more than 1000 of them. The file shall indicate:

- File header data: data identifying the payment instrument, which identifies the user of the payment instrument, the payment instrument, the security module (if the payment instrument works with a security module), certificates and other general data
- List of submitted documents. Document headers and other data, which depend on the type of document, are specified.

i.EKA files are transferred using web services. The process of providing data for documents accounted for by means of settlement includes the following stages:

- KV001. i. EKA file transfer using web services.
- i. EKA file processing.

Submitted files must meet technical requirements, XSD description and logical rules. Documents that have rejection discrepancies must be resubmitted, and documents that have critical discrepancies must be corrected.

A synchronous method is provided for the provision of data for the first fiscal day document and fiscal day document after the change of the certificate:

- KV002. Transmission of fiscal day document using web services.
- This method is called when registering new cash register.

8.1 Calculation and encryption of checksums

This section describes the information structures that are used:

- Form data from a certain standardized structure for digital signing and signature verification. Exchange data between the security module and i.EKA.
- All the structures described in the sections of this chapter are formed based on the DER (Distinguished Encoding Rules) encoding of the ASN.1 (Abstract Syntax Notation number One) standard, which is also used in x509 certificates.
- A specific purpose ASN.1 structure is formed from the data fields that are to be signed and/or transferred between VMI i.EKA and the Security module. The encoded structure of ASN.1 DER is:

It is signed with the private key of the party that generated the information (SM). The result of the signing operation is binary information 256 bytes long.

Encrypted with the public key of the Recipient of Information (VMI). Encryption result: binary information 256 bytes long.

8.1.1 Receipt checksum calculation and encryption

The security module, after receiving the data of the receipt for signing from the AP and performing checks, forms an Information block based on the information received and the data stored in the module itself, which:

- The SM is signed with a private key;
- Encrypted with i.EKA public key.

An information block is information in the ASN.1 structure.

8.1.1.1 Receipt data

Item	Length / format	Description	Element in the data structure of the i.EKA file
securityModuleRegistrationNo	Integer type, 4 bytes	The numeric part of the security module identification number. For example: For a cash register with security module identification number SM-223456789, enter 223456789.	packageHeader/securityModuleRegistrationNo
documentNumber	Integer type, 4 bytes	Identification number of the current document.	current document documentHeader/documentNumber
documentType	Integer type, 1 bytes	Current document type. Possible values: 0 Note: The value indicates that the information block includes receipt data.	current document document pateiktas elementas receipt
receiptNumberInFiscalDay	Integer type, 4 bytes	Number of the current receipt in the fiscal day document.	current document specificDocumentTypeNumber/receiptNumberInFiscalDay
documentDateTime	Integer type, 4 bytes Unix time, time in seconds from 1970.01.01 00:00:00	Current receipt date and time. Note: local time is used (Europe/Vilnius zone).	current document documentHeader/documentDateTime
totalSalesTaxAmount	Integer type, 4 bytes	The current receipt's total sales transaction tax amount, in cents. Note: If there is no data for the total tax amount of sales transactions, it is indicated as: 0.	current document salesOperationData/totalSalesTaxAmount

Item	Length / format	Description	Element in the data structure of the i.EKA file
totalSalesAmount	Integer type, 4 bytes	Total sales (including tax) of the current receipt, in cents. Note: If there is no data for the total amount of sales (including taxes), it is indicated: 0.	current document salesOperationData/totalSalesAmount
totalPayoutAmount	Integer type, 4 bytes	The total amount of payout transactions of the current receipt, in cents. Note: If there is no data for the total amount of payout transactions, it is indicated as: 0.	current document otherCashCollectionOperation eilučių suma collectionAmount, kur collectionDirection = Out and collectionType = 3. Note: If the infoblock total_payout_amount = 0, then the otherCashCollectionOperations element must not be present.
documentHash	Octet String type, 32 bytes	Hash value of the current document as it was printed and saved in the Electronic Control Tape. The document code/signature is not included in the hash value, as they are generated after the hash value is calculated.	current document documentHeader/documentHash
previousDocumentNumber	Integer type, 4 bytes	The identification number of the previous document of the same type (in this case, a receipt). Note: The first fiscal receipt of the cash register shall indicate: 0.	previous document documentHeader/documentNumber
previousDocumentReceiptNumberInFiscalDay	Integer type, 4 bytes	Number of the previous receipt in the fiscal day document. Note: The first fiscal receipt of the cash register shall indicate: 0.	previous document specificDocumentTypeNumber/receiptNumberInFiscalDay
previousDocumentDocumentDateTime	Integer type, 4 bytes Unix time, in seconds from 1970.01. 01 00:00:00	Date and time of previous receipt. Notes: local time is used (Europe/Vilnius zone). The first fiscal receipt of the cash register shall be indicated: 0.	previous document documentHeader/documentDateTime
previousDocumentTotalSalesTaxAmount	Integer type, 4 bytes	The total sales transaction tax amount of the	previous document salesOperationData/totalSalesTaxAmount

Item	Length / format	Description	Element in the data structure of the i.EKA file
		previous receipt, in cents. Note: The first fiscal receipt of the cash register shall indicate: 0.	
previousDocumentTotalSalesAmount	Integer type, 4 bytes	Total sales (including tax) of the previous receipt, in cents. Note: The first fiscal receipt of the cash register shall indicate: 0.	previous document salesOperationData/totalSalesAmount
previousDocumentTotalPayoutAmount	Integer type, 4 bytes	The total amount of payout transactions of the previous receipt, in cents. Note: The first fiscal receipt of the cash register shall indicate: 0.	previous document otherCashCollectionOperation eilučių suma collectionAmount, kur collectionDirection = Out and collectionType = 3 Note: If the infoblock total_payout_amount = 0, then the otherCashCollectionOperations element must not be present.
previousDocumentHash	Octet String type, 32 bytes	Hash value of the previous receipt as it was printed and saved in the Electronic Control Tape. Note: For the first fiscal receipt of the cash register, previousDocumentHash matches the value of documentHash.	previous document documentHeader/previousDocumentHash

Receipt data ASN.1 schema:

```
World-Schema DEFINITIONS AUTOMATIC TAGS ::=
BEGIN
Kvitas::=SEQUENCE
{
securityModuleRegistrationNo    INTEGER(0..4294967295),
documentNumber                  INTEGER(0..4294967295),
documentType                     INTEGER(0..2),
receiptNumberInFiscalDay        INTEGER(0..4294967295),
documentDateTime                 INTEGER(0..4294967295),
totalSalesTaxAmount              INTEGER(0..4294967295),
totalSalesAmount                 INTEGER(0..4294967295),
totalPayoutAmount                INTEGER(0..4294967295),
documentHash                     OCTET STRING(SIZE(32)),
previousDocumentNumber           INTEGER(0..4294967295),
previousDocumentReceiptNumberInFiscalDay    INTEGER(0..4294967295),
previousDocumentDocumentDateTime    INTEGER(0..4294967295),
previousDocumentTotalSalesTaxAmount    INTEGER(0..4294967295),
previousDocumentTotalSalesAmount       INTEGER(0..4294967295),
previousDocumentTotalPayoutAmount      INTEGER(0..4294967295),
previousDocumentHash              OCTET STRING(SIZE(32))
}
END
```

Example data for this ASN.1 schema:

```
value Kvitas::=
{
securityModuleRegistrationNo    102355,
documentNumber                  63201,
documentType                     0,
receiptNumberInFiscalDay        32050,
documentDateTime                 1621256872,
totalSalesTaxAmount              4294967295,
totalSalesAmount                 1011,
totalPayoutAmount                0,
documentHash                     '9F86D081884C7D659A2FEAA0C55AD015A3BF4F1B2B
0B822CD15D6C15B0F00A08'H,
previousDocumentNumber           4294967295,
previousDocumentReceiptNumberInFiscalDay    4294967295,
previousDocumentDocumentDateTime    4294967295,
previousDocumentTotalSalesTaxAmount    86,
previousDocumentTotalSalesAmount       506,
previousDocumentTotalPayoutAmount      0,
previousDocumentHash              '9F86D081884C7D659A2FEAA0C55AD015A3BF4F1B2B0
B822CD15D6C15B0F00A08'H
}
END
```

After that, the ASN.1 schema data is encoded in the ASN1.DER format.

In the security module, the following binary string is:

1. stored in the receipt control data structure.
2. It is signed with the security module's private key.
3. It is encrypted with the i.EKA public key and returned to the cash register together with the signature of the receipt. Encryption algorithm: RSA PKCS1 v1.5 Encryption.

8.1.2 Calculation and encryption of fiscal day document checksums

The security module, having received the data from the Fiscal Day Report document intended for signing by the AP and having performed checks, forms an Information block based on the received information and the data stored in the module itself, which:

- The SM is signed with a private key;
- Encrypted with i.EKA public key.

An information block is an ASN.1 data structure. The data content of the Information block of the Fiscal Daily Report Document is presented in the table below:

8.1.2.1 Fiscal day document data

Item	Length / format	Description	Element in the data structure of the i.EKA file
securityModuleRegistrationNo	Integer type, 4 bytes	Security module identification number. For example: For a cash register with security module identification number SM-223456789, enter 223456789.	packageHeader/securityModuleRegistrationNo
documentNumber	Integer type, 4 bytes	Identification number of the current document.	Current fiscal day document documentHeader/documentNumber
documentType	Integer type, 1 bytes	Current document type. Possible meaning: 1 Note: The value indicates that the information block includes fiscal day document data.	Current fiscal day document: fiscalDay
fiscalDayNumber	Integer type, 4 bytes	Fiscal day document number.	Current fiscal day document specificDocumentTypeNumber/fiscalDayNumber
documentDateTime	Integer type, 4 bytes Unix time, in seconds from 1970.01.01 00:00:00	Fiscal day document date and time. Note: local time is used (Europe/Vilnius zone).	Current fiscal day document documentHeader/documentDateTime
totalSalesTaxAmount	Integer type, 4 bytes	Current fiscal day document total sales transaction tax amount, in cents. Note: If there is no data for the total tax amount of sales transactions, it is indicated as: 0.	Current fiscal day document salesOperationData/totalSalesTaxAmount
totalSalesAmount	Integer type, 4 bytes	Current fiscal day document total sales (including tax), in cents. Note: If there is no data for the total	Current fiscal day document salesOperationData/totalSalesAmount

Item	Length / format	Description	Element in the data structure of the i.EKA file
		amount of sales (including taxes), it is indicated: 0.	
totalPayoutAmount	Integer type, 4 bytes	Current fiscal day document total amount of payout transactions, in cents. Note: If there is no data for the total amount of payout transactions, it is indicated as: 0.	Current fiscal day document otherCashCollectionOperation eilučių suma collectionAmount, where collectionDirection = Out and collectionType = 3. Note: if infoblock dok_supirk = 0, then the otherCashCollectionOperations element must not be present.
documentHash	Octet String type, 32 bytes	The value of the hash (Hash) of the copy of the current fiscal day document in the Electronic Control Tape. The document code/signature is not included in the hash value, as they are generated after the hash value is calculated.	Current fiscal day document documentHeader/documentHash
previousDocumentNumber	Integer type, 4 bytes	The identification number of the previous document of the same type (in this case, fiscal day document). Note: The first report of the cash register is indicated as: 0.	Previous fiscal day document documentHeader/documentNumber
previousDocumentFiscalDayNumber	Integer type, 4 bytes	Previous fiscal day document number. Note: The first report of the cash register is indicated as: 0.	Previous fiscal day document specificDocumentTypeNumber/fiscalDayNumber
previousDocumentDocumentDateTime	Integer type, 4 bytes Unix time, in seconds from 1970.01.0 1 00:00:00	Date and time of previous fiscal day document. Notes: local time is used (Europe/Vilnius zone). For the first cash register report, the following shall be indicated: 0.	Previous fiscal day document documentHeader/documentDateTime
previousDocumentTotalSalesTaxAmount	Integer type, 4 bytes	The total tax amount of the previous fiscal day document, in cents. Note: The first report of the cash register is indicated as: 0.	Previous fiscal day document salesOperationData/totalSalesTaxAmount
previousDocumentTotalSalesAmount	Integer type, 4 bytes	Total sales amount (including tax) of previous fiscal day document, in cents.	Previous fiscal day document salesOperationData/totalSalesAmount

Item	Length / format	Description	Element in the data structure of the i.EKA file
		Note: The first report of the cash register is indicated as: 0.	
previousDocumentTotalPayoutAmount	Integer type, 4 bytes	The total amount of payout transactions (including fees) for previous fiscal day document, in cents. Note: The first report of the cash register is indicated as: 0.	Previous fiscal day document otherCashCollectionOperation eilučių suma collectionAmount, kur collectionDirection = Out and collectionType = 3 . Note: If info block ankst_z_subuys = 0, then otherCashCollectionOperations element must not be present.
previousDocumentHash	Octet String type, 32 bytes	Hash value of the previous fiscal day document copy from the Electronic Control Tape. Note: For the first billing tool report, previousDocumentHash matches the value of documentHash.	Current fiscal day document documentHeader/previousDocumentHash
gtSales	Integer type, 8 bytes	The total amount of sales accounted for by SM, in cents. Note: if there is no data for the total amount of sales accounted for in the SM, it is indicated: 0.	Current fiscal day document counters/GTSales
gtSalesTaxAmount	Integer type, 8 bytes	The total amount of fees charged by the SM in cents. Note: if there is no data on the total amount of taxes accounted for in the SM, it is indicated: 0.	Current fiscal day document counters/GTSalesTaxAmount
gtBuying	Integer type, 8 bytes	The total amount of disbursement transactions accounted for by the SM in cents. Note: if there is no data on the total amount of disbursement transactions accounted for in the SM, it is indicated: 0.	Current fiscal day document counters/GTBuying. Note: if the information block gt_buying = 0, then the counters/GTBuying element must not be present.

Fiscal day document data ASN.1 scheme:

```
World-Schema DEFINITIONS AUTOMATIC TAGS ::=
BEGIN
Zatask ::= SEQUENCE
{
securityModuleRegistrationNo    INTEGER (0..4294967295),
documentNumber                  INTEGER (0..4294967295),
documentType                     INTEGER (0..2),
fiscalDayNumber                  INTEGER (0..4294967295),
documentDateTime                 INTEGER (0..4294967295),
totalSalesTaxAmount              INTEGER (0..4294967295),
totalSalesAmount                 INTEGER (0..4294967295),
totalPayoutAmount                INTEGER (0..4294967295),
documentHash                     OCTET STRING (SIZE (32)),
previousDocumentNumber           INTEGER (0..4294967295),
previousDocumentFiscalDayNumber  INTEGER (0..4294967295),
previousDocumentDocumentDateTime INTEGER (0..4294967295),
previousDocumentTotalSalesTaxAmount INTEGER (0..4294967295),
previousDocumentTotalSalesAmount INTEGER (0..4294967295),
previousDocumentTotalPayoutAmount INTEGER (0..4294967295),
previousDocumentHash             OCTET STRING (SIZE (32)),
gtSales                          INTEGER (0..9223372036854775807),
gtSalesTaxAmount                 INTEGER (0..9223372036854775807),
gtBuying                          INTEGER (0..9223372036854775807)
}
END
```

This ASN.1 scheme data example:

```
value Zatask ::=
{
securityModuleRegistrationNo    102355,
documentNumber                  63201,
documentType                     1,
fiscalDayNumber                  205,
documentDateTime                 11648,
totalSalesTaxAmount              67115,
totalSalesAmount                 1,
totalPayoutAmount                4294967295,
documentHash                     '9F86D081884C7D659A2FEAA0C55AD015A3BF4F1B2B0B
822CD15D6C15B0F00A08'H,
previousDocumentNumber           63189,
previousDocumentFiscalDayNumber  63189,
previousDocumentDocumentDateTime 204,
previousDocumentTotalSalesTaxAmount 1621173683,
previousDocumentTotalSalesAmount 13345,
previousDocumentTotalPayoutAmount 76893,
previousDocumentHash             '9F86D081884C7D659A2FEAA0C55AD015A3BF4F1B2B0B822CD15D6C
15B0F00A08'H,
gtSales                          406480,
gtSalesTaxAmount                 2342101,
gtBuying                          1
}
END
```

After that, the ASN.1 schema data is encoded in the ASN1.DER format.

In the security module, the following binary string is:

- stored in the control data structure of the fiscal day document.
- It is signed with the security module's private key
- Encrypted with i.EKA public key and returned to cash register together with fiscal day document signature.
Encryption algorithm: RSA PKCS1 v1.5 Encryption.

8.1.3 Calculation and encryption of checksums of a non-fiscal document

The security module, after receiving the data from the Non-fiscal document intended for signing by the cash register and performing checks, forms an Information block based on the received information and the data stored in the module itself, which:

- The SM is signed with a private key;
- Encrypted with i.EKA public key.

An information block is an ASN.1 data structure. The data content of the Information block of the non-fiscal document is presented in the table below:

8.1.3.1 Nonfiscal document data

Item	Length / format	Description	Element in the data structure of the i.EKA file
securityModuleRegistrationNo	Integer type, 4 bytes	Security module identification number. For example: For a cash register with security module identification number SM-223456789, enter 223456789.	packageHeader/securityModuleRegistrationNo
documentNumber	Integer type, 4 bytes	Identification number of the current document.	current non-fiscal document documentHeader/documentNumber
documentType	Integer type, 1 byte	Current document type. Possible meaning: 2 Note: The value indicates that the information block includes non-fiscal document data. The exact type of non-fiscal document is specified in the data structure of the i.EKA file.	current non-fiscal document nonFiscalDocument, nonFiscalCollectionDocument, nonFiscalPIMaintenanceDocument, nonFiscalCancellationDocument, nonFiscalTaxChangeDocument, nonFiscalTechnicalRefuelingDocument, preOrderDocument, nonFiscalReturnDocument, nonFiscalFinancialDocument, gasStationOperationViolationDocument.
nonFiscalDocumentNumberInFiscalDay	Integer type, 4 bytes	Number of the current non-fiscal document type (NF document serial number in the fiscal day document).	current non-fiscal document specificDocumentTypeNumber/nonFiscalDocumentNumberInFiscalDay
documentDateTime	Integer type, 4 bytes	Date and time of current non-fiscal document.	current non-fiscal document documentHeader/documentDateTime

Item	Length / format	Description	Element in the data structure of the i.EKA file
	Unix time, in seconds from 1970.01. 01 00:00:00	Note: local time is used (Europe/Vilnius zone).	
documentHash	Octet String type, 32 bytes	Hash value of the current document as it was counted and saved in the Electronic Control Tape. The document code/signature is not included in the hash value, as they are generated after the hash value is calculated.	current non-fiscal document documentHeader/documentHash
previousDocumentNumber	Integer type, 4 bytes	The identification number of a previous document of the same type (in this case a non- fiscal document). Note: For the first non-fiscal document of the cash register, indicate: 0.	previous non-fiscal document documentHeader/documentNumber
previousDocumentNumberInFiscalDay	Integer type, 4 bytes	Previous non-fiscal document number for NF document. Note: For the first non-fiscal document of the cash register indicate: 0.	previous non-fiscal document specificDocumentTypeNumber/nonFiscalDocumentNumberInFiscalDay
previousDocumentDocumentDateTime	Integer type, 4 bytes Unix time, in seconds from 1970.01. 01 00:00:00	Date and time of previous non-fiscal document. Notes: local time is used (Europe/Vilnius zone). For the first non-fiscal document of the cash register: 0.	previous non-fiscal document documentHeader/documentDateTime
previousDocumentHash	Octet String type, 32 bytes	Hash value of the previous non-fiscal document as it was calculated and saved in the Electronic Control Tape. Note: For the first non-fiscal document in the cash register, previousDocument	previous non-fiscal document documentHeader/previousDocumentHash

Item	Length / format	Description	Element in the data structure of the i.EKA file
		Hash matches the documentHash value.	

ASN.1 schema for non-fiscal document data:

```
World-Schema DEFINITIONS AUTOMATIC TAGS ::=
BEGIN
NFDok ::= SEQUENCE
{
securityModuleRegistrationNo    INTEGER (0..4294967295),
documentNumber                  INTEGER (0..4294967295),
documentType                    INTEGER (0..2),
nonFiscalDocumentNumberInFiscalDay    INTEGER (0..4294967295),
documentDateTime                INTEGER (0..4294967295),
documentHash                    OCTET STRING (SIZE (32)),
previousDocumentNumber          INTEGER (0..4294967295),
previousDocumentNumberInFiscalDay    INTEGER (0..4294967295),
previousDocumentDocumentDateTime    INTEGER (0..4294967295),
previousDocumentHash            OCTET STRING (SIZE (32))
}
END
```

Example data for this ASN.1 schema:

```
value NFDok ::=
{
securityModuleRegistrationNo    102355,
documentNumber                  63207,
documentType                    2,
nonFiscalDocumentNumberInFiscalDay    13434677,
documentDateTime                1621259872,
documentHash                    '9F86D081884C7D659A2FEAA0C55AD015A3BF4
F1B2B0B822CD15D6C15B0F00A08'H,
previousDocumentNumber          63206,
previousDocumentNumberInFiscalDay    13434676,
previousDocumentDocumentDateTime    1621256852,
previousDocumentHash            '9F86D081884C7D659A2FEAA0C55AD015A3BF4
F1B2B0B822CD15D6C15B0F00A08'H
}
END
```

8.2 Symmetric keys and encryption of receipts

Each signed fiscal receipt and advance invoice must have the generated code encrypted using symmetric keys.

The security module's signature, converted to a document-printable readable form and encrypted with the security module's symmetric key. AES symmetric key encryption algorithm is used. Receipts and pre-bills use different symmetric keys.

Symmetric keys transferred to i.EKA are associated with a specific security module. After the signing of the fiscal receipt or advance bill signing, the signature of the receipt is converted into readable text, and then the resulting text is encrypted with the appropriate symmetric key determined by the type of transaction.

The receipt signature generated by the security module is 256 bytes.

We take the first 8 bytes from the receipt signature

We convert them into a readable form of 16 characters and display them on the receipt under "Receipt signature".

An AES-128 signature verification key is used (which is 16 bytes long):

Another 8 null bytes are added to the 8 bytes from the receipt signature to make the length the same as the key length.

The received 16 bytes are encrypted with the AES ECB algorithm and a 16-byte long cryptogram is obtained.

The first 8 bytes are taken from that cryptogram, converted to a readable form of 16 characters and displayed on the receipt under "Receipt Code".

After receiving the signature verification data, EKA performs:

Converts the entered 16-character "Receipt signature" to 8 bytes.

Adds 8 more "null" bytes to those 8 bytes.

The received 16 bytes are encrypted with the AES-128 symmetric key of the specific security module using the AES ECB algorithm and a 16-byte long cryptogram is obtained. It takes the first 8 bytes from that cryptogram, converts them into a readable form of 16 characters and checks whether it matches the entered "Receipt code".

8.3 Receipt data verification

8.3.1 General description

Fiscal receipts and advance invoices signed by the security module and virtual fiscalization have a printable additional block: "KVITO PATIKRINIMUI VMI", where information is printed:

- Receipt number
- Security module number / Cash register number
- Receipt signature
- Receipt code
- Receipt Data QR (Link to Receipt Verification with Receipt Metadata). Indicated if the technical capabilities of the cash register allow.

Buyers check receipts using a publicly available service at - <https://kvitas.vmi.lt>.

Buyers can check the receipt by scanning the provided QR code or entering the provided receipt data from the receipt data block „KVITO PATIKRINIMUI VMI“.

8.3.2 Examples of a printable receipt

The receipt is signed with a security module	The receipt is signed with virtual fiscalization
Mokėti 302,32 Mokėta (gryni) 304,00 Grąža (gryni) 1.68 ----- # Nuolaidų kortelė: **** * 4904 # - - - - KVITO PATIKRINIMUI VMI - - - - Kvito numeris: 10002004 Saugos modulio numeris: SM-123456789 Kvito parašas: B54B-F202-2541-25F8 Kvito kodas: 568F-5689-2541-4F8F 	Mokėti 302,32 Mokėta (gryni) 304,00 Grąža (gryni) 1.68 ----- # Nuolaidų kortelė: **** * 4904 # - - - - KVITO PATIKRINIMUI VMI - - - - Kvito numeris: 10002004 Kasos aparato numeris: CR-987654321 Kvito parašas: B54B-F202-2541-25F8 

8.3.3 Receipt verification details

Name	Parameters code	Printing for cash registers with SM?	Printing for cash registers with VF?	Description	Element in the data structure of the i.EKA file
receipt number	NR	YES	YES	Document identification number.	documentHeader/documentNumber
security module number	SM	YES	NO	Number identifying the security module with which the document was signed. For example: SM-000000001	packageHeader/securityModuleRegistrationNo
cash register number	CR	NO	TAIP	Unique number of the cash register. For example: CR-000000001	packageHeader/cashRegisterRegistrationNo
receipt signature	RS	YES	YES	The signature portion of the document, converted to a readable form that is printed on the receipt. The process of signing a receipt: 1. The first 8 bytes are taken from the	documentHeader/documentSignature (pakeistas į 16 simbolių šešiolykainį formatą)

Name	Parameters code	Printing for cash registers with SM?	Printing for cash registers with VF?	Description	Element in the data structure of the i.EKA file
				document signature. 2. The captured data is converted to 16-character hexadecimal format.	
receipt code	RC	YES	NO	The signature part of the document, encrypted with the security module's symmetric AES key and converted into a readable form that is printed on the receipt. Fiscal receipts and advance bills use different AES keys. Procedure for creating a receipt code: 1. The first 8 bytes are taken from the document signature. 2. 8 more null bytes are added to the captured data to make it the same length as the key length (AES-128 symmetric key is used which is 16 bytes long). 3. The received 16 bytes are encrypted with the AES ECB algorithm and a 16-byte long code is obtained. 4. The first 8 bytes are taken from the code. 5. The captured data is converted to 16-character hexadecimal format.	documentHeader/documentCode
receipt date	DT	YES (optional)	YES (optional)	Receipt date and time. This data is optional.	documentHeader/documentDateTime
receipt time	T	YES (optional)	YES (optional)	May be submitted and required along with "Receipt date".	documentHeader/documentDateTime

8.3.4 An example of a QR protected structure for payment instruments with SM

`https://kvitas.vmi.lt?NR=<receipt number>&SM=<security module number>&RS=<receipt signature>&RC=<receipt code>&DT=<receipt date>T<receipt time>`

Pavyzdys 1:

`https://kvitas.vmi.lt?NR=10002004&SM=SM-123456789&RS=B54B-F202-2541-25F8&RC=568F-5689-2541-4F8F&DT=2023-01-01T15:00:02`

Pavyzdys 2:

`https://kvitas.vmi.lt?NR=10002004&SM=SM-123456789&RS=B54B-F202-2541-25F8&RC=568F-5689-2541-4F8F`

8.3.4.1 Example of generated QR



8.3.5 An example of a QR protected structure for payment instruments with VF:

`https://kvitas.vmi.lt?NR=<receipt number>&CR=<cash register number>&RS=<receipt signature>&DT=<receipt date>T<receipt time>`

Pavyzdys 1:

`https://kvitas.vmi.lt?NR=10002004&CR=CR-987654321&RS=B54B-F202-2541-25F8&DT=2023-01-01T15:00:02`

Pavyzdys 2:

`https://kvitas.vmi.lt?NR=10002004&CR=CR-987654321&RS=B54B-F202-2541-25F8`

8.3.5.1 Example of generated QR



9 EKA001 (KV001, KV002) WEB SERVICE TO PROVIDE RECEIPT DATA FROM CASH REGISTERS (WITH SECURITY MODULES)

9.1 Table of Contents

- Table of Contents
 - Specification of interface
- Description of integration
 - Data submission process
 - KV001. i.EKA file transfer using web services
 - i.EKA file processing
 - KV002. Fiscal day documents transfer using web services
 - i.EKA file states
 - i.EKA document states
 - Typical process of use of the i.EKA web service of data
- Technical specification
 - SubmitDocuments method
 - SubmitFiscalDay method
 - CheckState method
 - StateHistory method
 - GetDocumentsWithErrors method
 - SubmitDocumentsRequest structure
 - SubmitFiscalDayRequest structure
 - CheckStateRequest structure
 - StateHistoryRequest structure
 - GetDocumentsWithErrorsRequest structure
 - SubmitDocumentsResponse structure
 - SubmitFiscalDayResponse structure
 - CheckStateResponse structure
 - StateHistoryResponse structure
 - GetDocumentsWithErrorsResponse structure
 - DocumentsStatuses structure
 - DocumentsWithErrors structure
 - DocumentStatus structure
 - StateHistory structure
 - HistoryItem structure

- Errors structure
- Error structure
- Descriptions structure
- Description structure
- PackageDocuments file data structure
 - PackageDocuments structure
 - PackageHeader structure
 - Documents structure
 - Document structure
 - DocumentHeader structure
 - LinkedDocumentNumbers structure
 - SpecificDocumentTypeNumber structure
 - Location structure
 - Receipt structure
 - DocumentFiscalAmounts structure
 - SalesOperationData structure
 - SalesOperationTaxDetails structure
 - SalesOperationTaxLine structure
 - DiscountsAdditions structure
 - OtherCashCollectionOperations structure
 - OtherCashCollectionOperation structure
 - ReceiptPayments structure
 - PaymentDetails structure
 - PaymentDetail structure
 - PayoutDetails structure
 - PayoutDetail structure
 - Corrections structure
 - FiscalDay structure
 - FiscalDayPayments structure
 - DailyData structure
 - CashBalanceDetails structure
 - CashBalanceDetail structure
 - Counters structure
 - FiscalDayTaxData structure
 - FiscalDayTaxTables structure
 - FiscalDayTaxTable structure

- AdditionalData structure
- SpecialGoodsSales structure
- SpecialGoodsSale structure
- PreOrderDocuments structure
- TechnicalRefuelings structure
- TechnicalRefueling structure
- NonFiscalDocument structure
- Struktūra NonFiscalCollectionDocument
- DocumentAmounts structure
- PICashDetailsBeforeOperations structure
- PICashDetailsBeforeOperation structure
- PICashOperationDetails structure
- PICashOperationDetail structure
- PICashDetailsAfterOperations structure
- PICashDetailsAfterOperation structure
- NonFiscalPIMaintenanceDocument structure
- NonFiscalCancelationDocument structure
- NonFiscalTaxChangeDocument structure
- TaxTables structure
- TaxTable structure
- NonFiscalTechnicalRefuelingDocument structure
- NonFiscalTechnicalRefueling structure
- PreOrderDocument structure
- NonFiscalReturnDocument structure
- NonFiscalFinancialDocument structure
- GasStationOperationViolationDocument structure
- Additional information about provided data
- FiscalDayDocument file data structure
- Examples of filling in data for fiscal receipts, non-fiscal goods return and/or service refusal documents, non-fiscal receipts for payment/disbursement of other funds
- Examples of completion of the data for fiscal day documents
- Catalog of errors

9.1.1 Specification of interface

Name	Web service to provide receipt data from cash registers.
Method of interface implementation	Web service.

Name		Web service to provide receipt data from cash registers.
Web service URL address		Web service URL address of environments: Production environment – https://ieka-cr-ws.vmi.lt/services/v1/uploaderWs?wsdl Demo environment – https://ieka-cr-ws-demo.vmi.lt/services/v1/uploaderWs?wsdl
Web service description		The document contains description of web services that are intended for cash registers (with security modules) to accomplish following functions: 1. To submit documents of cash register to i.EKA. 2. To provide the first fiscal day document of cash register and the fiscal day after the certificate has been changed to i.EKA in a synchronous way. 3. To check the status of a file. 4. To check the history of state changes of a file. 5. To obtain a list of documents that have errors.
Purpose		Transfer of fiscal and other receipt data recorded by cash registers and signed by the security module to i.EKA and for the validation of the transaction. Data is provided by cash register.
Description		• SubmitDocuments method – the method is designed to submit documents of cash register to i.EKA. • SubmitFiscalDay method – the method is designed to provide the first fiscal day document of cash register and the fiscal day after the certificate has been changed to i.EKA in a synchronous way. • CheckState method – the method to check the status of a file. • StateHistory method – the method to check the history of state changes of a file. • GetDocumentsWithErrors method – the method is designed to obtain a list of documents that have errors.

9.2 Description of integration

This section describes the process of the service "Solution for handling fiscal and other receipt data recorded by means of billing and signed by the Security Module". The service is intended for the transfer of fiscal and other receipt data recorded by cash registers and signed by the security module to i.EKA via the API and for the validation of the transaction by Billing and other intermediate data providers.

Note: the data provided may be revised by resubmitting it via the API or by logging in to the i.EKA user interface. When correcting data, the document correction reason (documentHeader/correctionReason) must be specified.

9.3 Safety

The Web service client is authenticated using the SSL Client Certificate Authentication mechanism, as well as the TLS protocol - version 1.2 or 1.3.

The web service identifies itself by presenting a certificate issued by a trusted Certificate Authority (CA) (CN=ieka-ws.vmi.lt). The cash register identifies itself by **providing a certificate for the Data Transport Module**, which is registered in the i.EKA system for cash register.

Each cash register can only have one registered Data Transport Module certificate at a time. Data transport certificates of the cash register are submitted, validated and registered by service providers. The Data Transfer Module certificate is registered and updated in the i.EKA system by the service company.

9.3.1 Data submission process

The data is provided by the cash registers that have an obligation to submit data to i.EKA.

The process of providing data for documents recorded in cash registers includes the following steps:

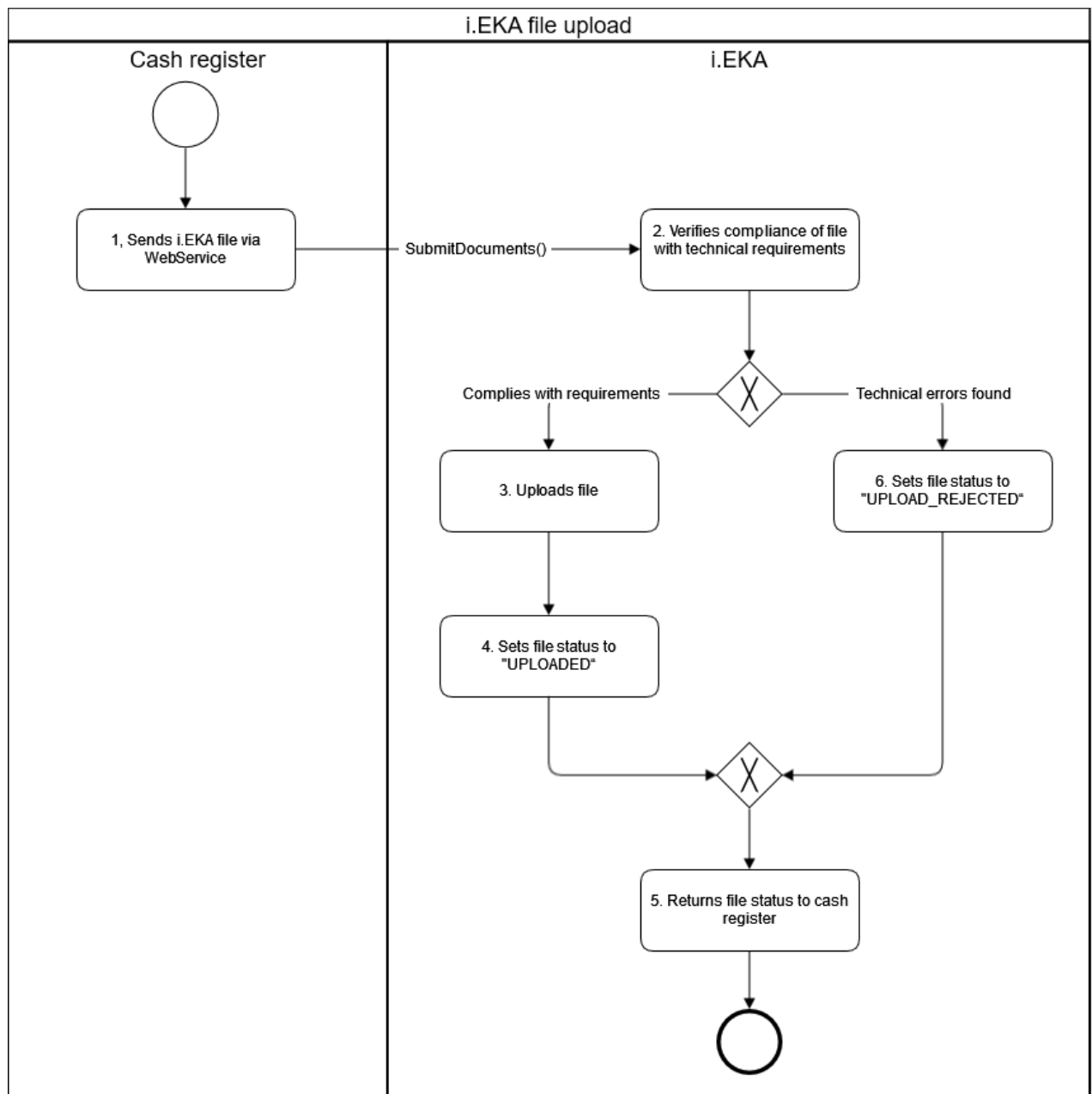
- KV001. i.EKA file transfer using web services
- i.EKA file processing

A synchronous method is used for the provision of data for the first fiscal day and for the fiscal day of cash registers after a change of certificate:

- KV002. Fiscal day documents transfer using web services

9.3.1.1 KV001. i.EKA file transfer using web services

i.EKA files are transferred to i.EKA by calling the SubmitDocuments method of the web service. The submitted files are queued by i.EKA for further processing. Service recipients can check the current processing state of a file by calling the CheckState method of the web service, get a complete history of state changes by calling the StateHistory method, and get a list of erroneous documents by calling the GetDocumentsWithErrors method.

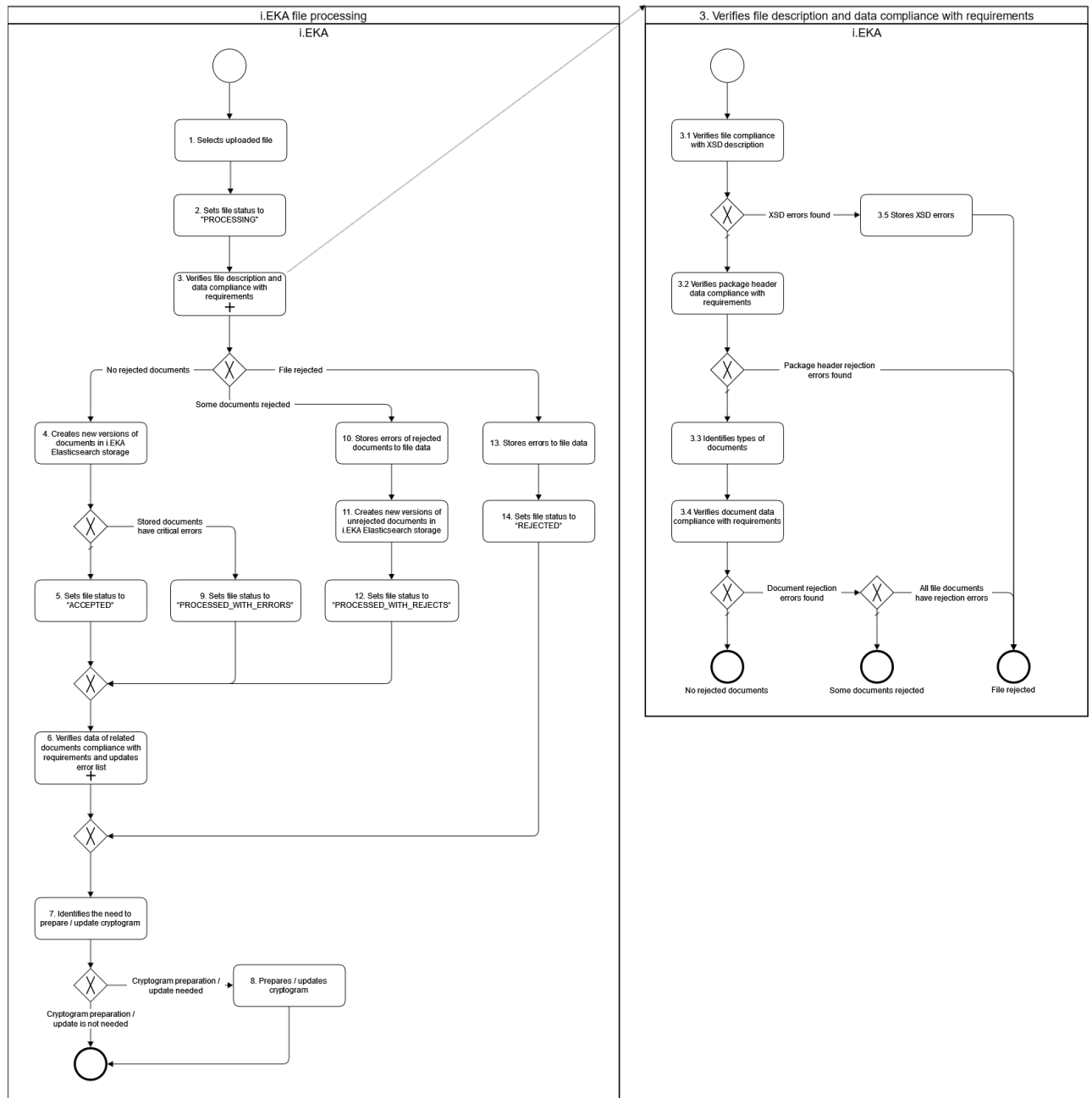


Process description:

Purpose		Submit fiscal and other receipt data in a format approved by the VAT authorities. The process is synchronous.	
No.	Participant	Action	Description

Main workflow "Complies with requirements"			
1.	Cash register	Sends i.EKA file via WebService	Cash register or other intermediate device that provides the data calls WebService method SubmitDocuments and transmits fiscal or other receipt data. Note: In case of invalid transport module certificate, a service error is returned, and the file is not uploaded. The file must be provided in uncompressed xml format.
2.	i.EKA	Verifies compliance of file with technical requirements	The system verifies the compliance of the file with these technical requirements: - Allowed file type. It is allowed to upload xml file. Note: after processing, the files are compressed into a zip file in order to save storage space. - Allowed file size. It is allowed to upload file up to <Maximum file size, MB; initial value: 10 MB> size.
3.	i.EKA	Uploads file	The system stores a submitted file in the (Min.io) file storage.
4.	i.EKA	Sets file status to "UPLOADED"	The system sets file status to "UPLOADED". It indicates that the file was uploaded to i.EKA, but the content has not been verified yet. File statuses are described in i.EKA file states.
5.	i.EKA	Returns file status to cash register	The system returns the message about the file status (result) to cash register.
Alternative workflow "Technical errors found"			
6.	i.EKA	Sets file status to "UPLOAD_REJECTED"	The system sets file status to "UPLOAD_REJECTED". It indicates that the file was not uploaded to i.EKA, because file type or size does not comply the technical requirements. File statuses are described in i.EKA file states.

9.3.1.2 i.EKA file processing



Process description:

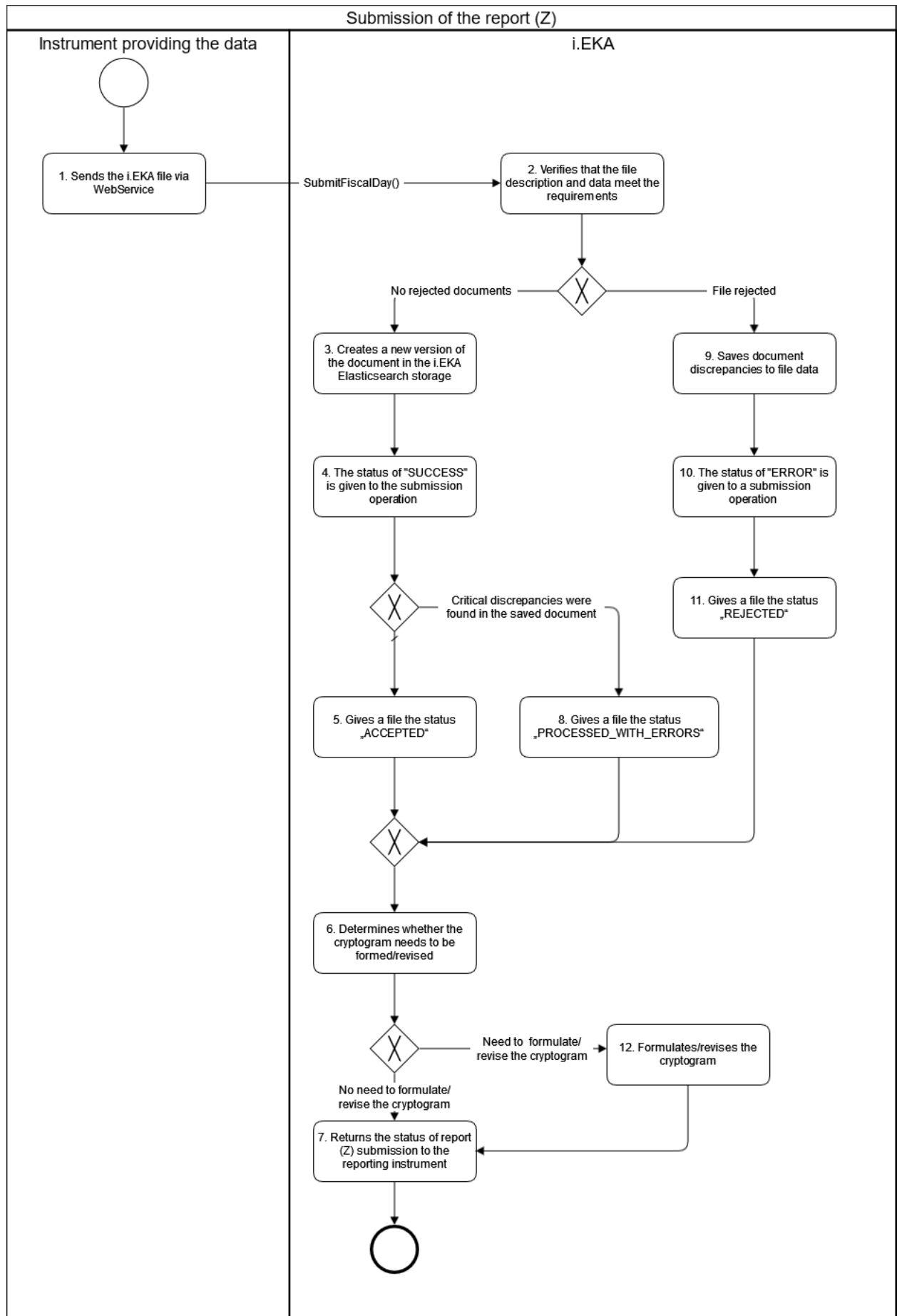
Purpose		Process fiscal and other receipt data. The process is asynchronous.	
No.	Participant	Action	Description
Main workflow			
1.	i.EKA	Selects uploaded file	The system selects the uploaded file according to these rules: - The file status is "UPLOADED". - The file is oldest uploaded, i.e., the files are processed sequentially according to the upload date and time.
2.	i.EKA	Sets file status to "PROCESSING"	The system sets file status to "PROCESSING". It indicates that the file is being verified.
3.	i.EKA	Verifies file description and data compliance with requirements	The system verifies file description and data compliance with requirements.

3.1.	i.EKA	Verifies file compliance with XSD description	The system verifies whether the submitted file complies with XML file (see the description of PackageDocuments file data structure) description: structure, data format, cardinality. The errors of verification are described in Catalog of errors.
3.2.	i.EKA	Verifies package header data compliance with requirements	The system verifies whether the package header data complies to the logical rules. The errors of verification are described in Catalog of errors.
3.3.	i.EKA	Identifies types of documents	The system determines the types of documents to be processed based on the data structure of the file: receipt → Fiscal receipt. fiscalDay → Fiscal day. nonFiscalDocument → Non-fiscal receipt. Note: non-fiscal receipt is a document that includes operations that do not fall under other types of non-fiscal documents: 31-38, 41. nonFiscalCollectionDocument → Non-fiscal cash collection and withdrawal receipt. nonFiscalPIMaintenanceDocument → Non-fiscal receipt of maintenance or repair operations of cash register. nonFiscalCancellationDocument → Non-fiscal document of fiscal receipt cancellation. nonFiscalTaxChangeDocument → Non-fiscal tax change document. nonFiscalTechnicalRefuelingDocument → Non-fiscal technical refueling receipt. preOrderDocument → Pre-order document. nonFiscalReturnDocument → Non-fiscal good return and (or) service refusal document. nonFiscalFinancialDocument → Non-fiscal other payment / disbursement operations receipt. gasStationOperationViolationDocument → Non-fiscal information transfer violation receipt.
3.4.	i.EKA	Verifies document data compliance with requirements	The system verifies that the document data conforms to the logical rules. Note: document errors with the attribute "Should error be re-verified when related document is being verified?" = Yes, are verified only when all other document errors are verified for all documents (a complete list of documents is needed, as these errors relate to data in other documents). These errors shall be verified with documents that are stored in the i.EKA Elasticsearch storage as well as package documents that are not rejected.
Alternative workflow "XSD errors found"			
3.5.	i.EKA	Stores XSD errors	If the system detects errors in the description of XML file (see the description of PackageDocuments file data structure) then it stores errors according to Catalog of errors to the file data. Also XSD verification message is specified.
Main workflow "No rejected documents"			
4.	i.EKA	Creates new versions of documents in i.EKA Elasticsearch storage	The system stores data of documents, critical errors and warnings that were found according to Catalog of errors to the i.EKA Elasticsearch storage. The documents are assigned to the cash registers according to the data specified in the packageHeader/cashRegisterRegistrationNo and the document numbers are determined according to the data specified in the documentHeader/documentInfoBlockCrypto/documentNumber (in the info block). If i.EKA document has not yet been created, then the system creates the first version of the document. If i.EKA document has already been stored, then the system creates a new version of the document.
5.	i.EKA	Sets file status to "ACCEPTED"	The system sets file status to "ACCEPTED". It indicates that all the data in the file have been accepted and there are no rejection / critical errors. File statuses are described in i.EKA file states.
6.	i.EKA	Verifies data of related documents compliance with requirements and updates error list	The system selects the documents in the Elasticsearch storage that are related to the documents that were created / updated. The system then verifies the data of related documents compliance with requirements and updates error list.

7.	i.EKA	Identifies the need to prepare / update cryptogram	The system verifies if cryptogram preparation / update needed. The conditions to prepare / update cryptogram: • The document number of the last fiscal receipt processed by i.EKA is higher than the document number of the processed fiscal receipt already transmitted to cash register. Documents that are stored in the i.EKA Elasticsearch storage and do not have rejection errors are considered as processed documents. • The document number of the last fiscal fiscal day processed by i.EKA is higher than the document number of the processed fiscal day already transmitted to cash register. Documents that are stored in the i.EKA Elasticsearch storage and do not have rejection errors are considered as processed documents. • The document number of the last non-fiscal document processed by i.EKA is higher than the document number of the processed non-fiscal document already transmitted to cash register. Documents that are stored in the i.EKA Elasticsearch storage and do not have rejection errors are considered as processed documents. • Errors with the attribute "Should cash register be suspended if error is detected?" = Yes in Catalog of errors are found in file header and document data.
Alternative workflow "Cryptogram preparation / update needed"			
8.	i.EKA	Prepares / updates cryptogram	The system prepares the cryptogram for the cash register or updates it if it is already created. Data to be updated: • The document number of the last fiscal receipt processed by i.EKA (if it is higher than the document number of the processed fiscal receipt already transmitted to cash register). Documents that are stored in the i.EKA Elasticsearch storage and do not have rejection errors are considered as processed documents. • The document number of the last fiscal fiscal day processed by i.EKA (if it is higher than the document number of the processed fiscal day already transmitted to cash register). Documents that are stored in the i.EKA Elasticsearch storage and do not have rejection errors are considered as processed documents. • The document number of the last non-fiscal document processed by i.EKA (if it is higher than the document number of the processed non-fiscal document already transmitted to cash register). Documents that are stored in the i.EKA Elasticsearch storage and do not have rejection errors are considered as processed documents. • SettingsCryptogram/cashRegisterStatus = SUSPENDE (if the cash register needs to be suspended).
Alternative workflow "Stored documents have critical errors"			
9.	i.EKA	Sets file status to "PROCESSED_WITH_ERRORS"	The system sets file status to "PROCESSED_WITH_ERRORS". It indicates that the data in the file have been processed but critical errors are found and need to be corrected.
Alternative workflow "Some documents are rejected"			
10.	i.EKA	Stores errors of rejected documents to file data	The system stores the error data of the rejected documents to the file. The location of the error is additionally indicated.
11.	i.EKA	Creates new versions of unrejected documents in i.EKA Elasticsearch storage	The system creates new versions unrejected documents in the i.EKA Elasticsearch storage (see 4.).
12.	i.EKA	Sets file status to "PROCESSED_WITH_REJECTS"	The system sets file status to "PROCESSED_WITH_REJECTS". It indicates that the data in the file have been processed but rejection errors found and need to be resubmitted.
Alternative workflow "File rejected"			
13.	i.EKA	Stores errors to file data	The system stores the error data of the file header and of the rejected documents to the file data. The location of the error is additionally indicated. Note: if rejection error is found in the file header, then further errors are not verified and stored.
14.	i.EKA	Sets file status to "REJECTED"	The system sets file status to "REJECTED". It indicates that all data in the file have been rejected and must be resubmitted.

9.3.1.3 KV002. Fiscal day documents transfer using web services

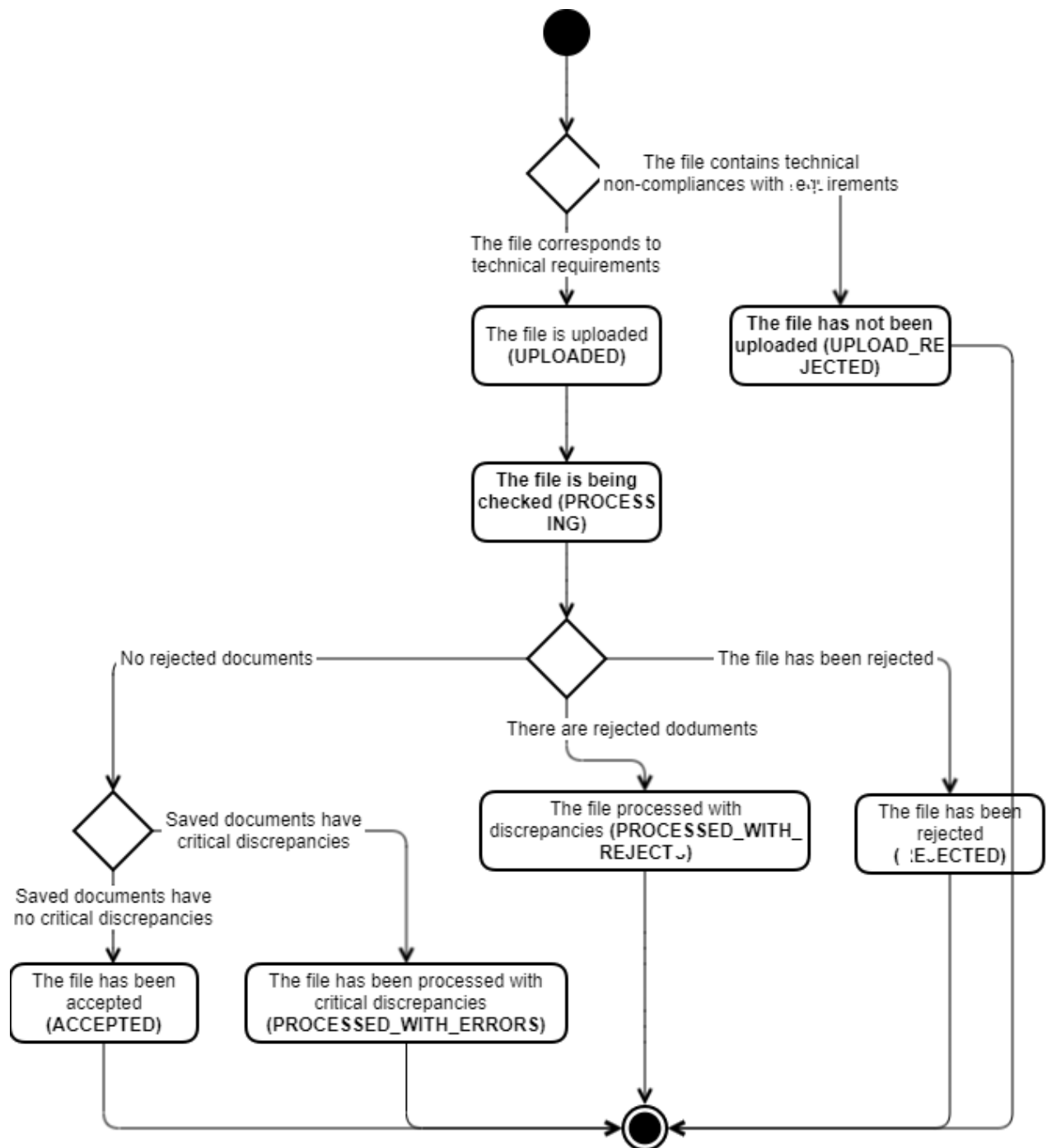
First fiscal day documents of cash registers and fiscal day documents after a certificate change shall be transmitted to i.EKA by invoking the SubmitFiscalDay method of the web service. The transmitted fiscal day data is processed immediately (synchronously). Service recipients can check the current processing state of a file by calling the CheckState method of the web service, get a complete history of state changes by calling the StateHistory method, and get a list of erroneous documents by calling the GetDocumentsWithErrors method.



Process description:

Purpose		Submit the data for the first fiscal day of cash register and the fiscal day after the change of the certificate in the format approved by STI. The process shall be carried out in synchronous mode.	
No.	Participant	Action	Description
Regular course "No rejected documents"			
1.	Data-providing tool	Uploads an i.EKA file via WebService	The billing or other intermediate data provider calls the web service to submit data and transmits the fiscal day data. Note: In case of an invalid transport module certificate, a service error is detected, and the fiscal day is not accepted.
2.	i.EKA	Verifies compliance of the file description and data with the requirements	The system checks the file description and data for compliance with the requirements (see 3)
3.	i.EKA	Creates a new version of the document in the i.EKA Elasticsearch storage	The system shall record all the data of the fiscal day and its critical errors and warnings in the i.EKA Elasticsearch storage, the document cash register shall be assigned according to the data specified in the packageHeader/cashRegisterRegistrationNo, and the document number shall be assigned according to the data specified in the documentHeader/documentInfoBlockCrypto/documentNumber (in the block info). The system creates a new version of the document in the i.EKA Elasticsearch storage (see 4).
4.	i.EKA	Gives the status "SUCCESS" to the data submission operation	The system gives the status "SUCCESS" to the data submission operation, indicating that the data of the fiscal day have been successfully submitted to i.EKA.
5.	i.EKA	Gives the file the status "ACCEPTED"	The system gives the file the status "ACCEPTED", which indicates that all the data in the file have been accepted and there are no rejection/critical errors.
6.	i.EKA	Determines whether the cryptogram needs to be formed/revised	The system checks whether the cryptogram needs to be formed/revised (see 7).
7.	i.EKA	Returns the status of fiscal day submission to the cash register	The system returns a message to the cash register indicating the status of the submission of the fiscal day.
Alternative course "Critical errors were found in the saved document"			
8.	i.EKA	Gives the file the status "PROCESSED_WITH_ERRORS"	The system gives the file the status "PROCESSED_WITH_ERRORS", which indicates that the data in the file have been processed but have critical errors and need to be corrected.
Alternative course "File rejected"			
9.	i.EKA	Saves document errors to file data	The system saves the error data to the file. The location of the error is additionally indicated.
10.	i.EKA	Gives the status "ERROR" to the data submission operation	The system gives the status "ERROR" to the data submission operation, which indicates that the data of the fiscal day have not been submitted to i.EKA due to rejection error. The data must be resubmitted.
11.	i.EKA	Gives the file the status "REJECTED"	The system gives the file the status "REJECTED", which indicates that all data in the file have been rejected and must be resubmitted.
Alternative course "Cryptogram needs to be formed/revised"			
12.	i.EKA	Formulates/revises the cryptogram	The system generates a cryptogram for the cash register or revise it if it has already been generated (see 8).

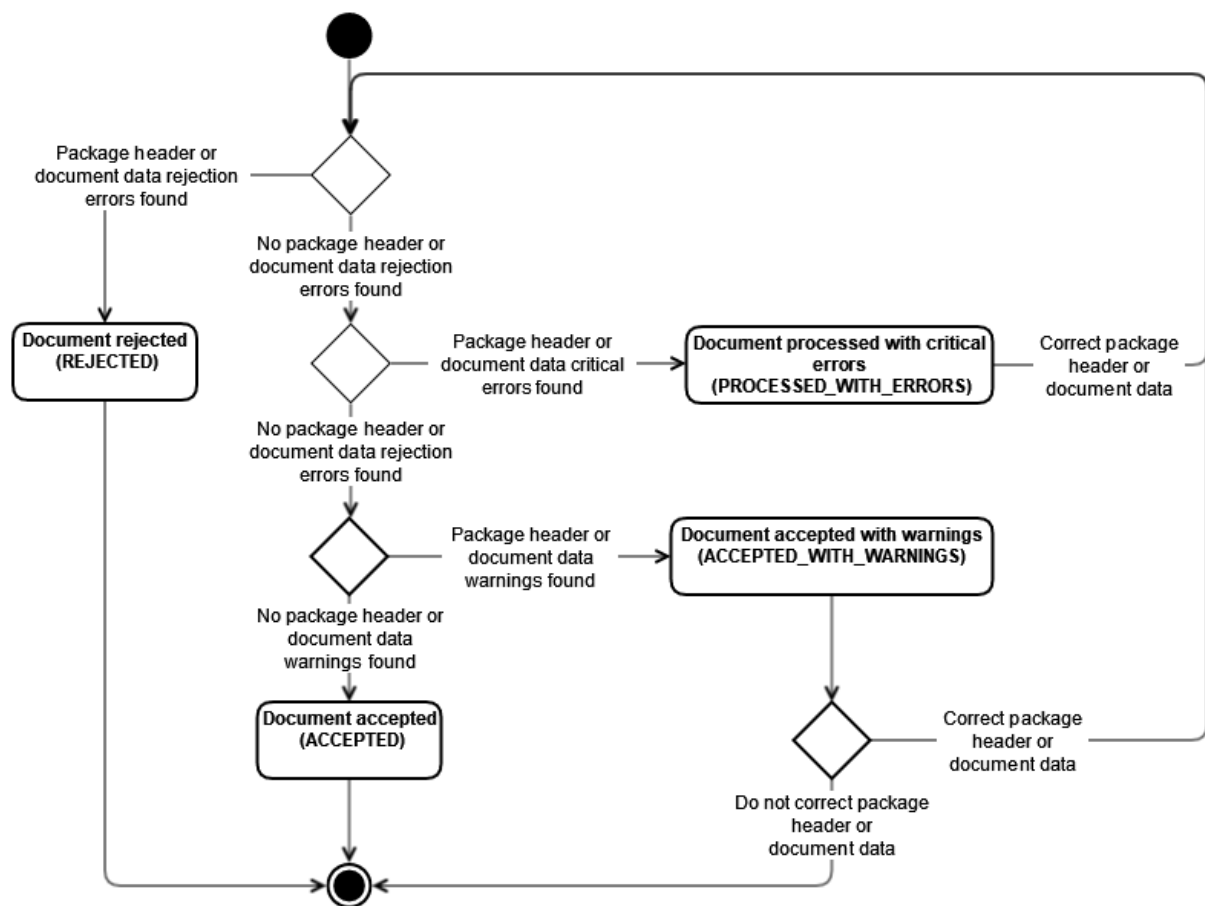
9.3.2 i.EKA file states



State	State code	Description
File uploaded	UPLOADED	The status is given when a file is uploaded to i.EKA. Files in this status meet the technical requirements but the content has not yet been checked.
File not uploaded	UPLOAD_REJECTED	This status is given if a file cannot be uploaded to i.EKA because its type or size does not meet the technical requirements.
File is processing	PROCESSING	The status is given when the content (file description and data) starts to be checked for compliance with the requirements.
File accepted	ACCEPTED	The status is given if all documents in the file are saved in the i.EKA Elasticsearch storage and have no rejection/critical mismatches.

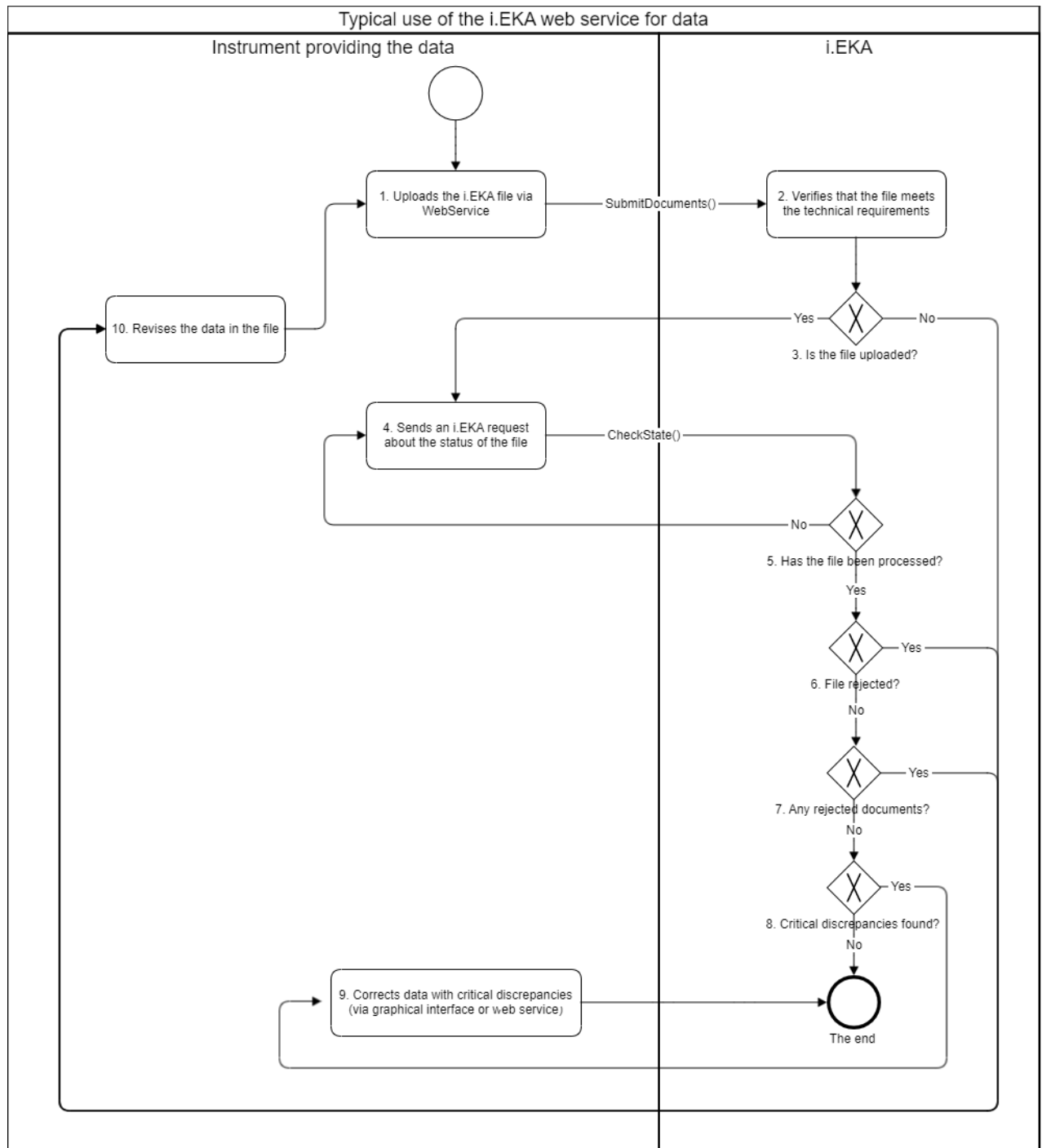
State	State code	Description
The file is processed with critical errors	PROCESSED_WITH_ERRORS	The status is given if all documents in the file are saved in the i.EKA Elasticsearch storage, but the data has critical errors and needs to be corrected.
File processed with rejection errors	PROCESSED_WITH_REJECTS	The status is given if part of the documents in the file are saved in the i.EKA Elasticsearch storage, but other documents have rejection errors and need to be resubmitted.
File rejected	REJECTED	The status is given if the content of the file (file description or data) does not comply with the requirements (a file header rejection mismatch is found, or all the documents in the file have a rejection mismatch), so that all the data in the file are rejected and must be resubmitted.

9.3.3 i.EKA document states



State	State code	Description
Document processed with critical errors	PROCESSED_WITH_ERRORS	This status is given if the document data is stored in the i.EKA Elasticsearch storage but has critical errors and needs to be corrected.
Document accepted with warnings	ACCEPTED_WITH_WARNINGS	The status is given if the document data is saved in the i.EKA Elasticsearch storage but has warnings.
Document accepted	ACCEPTED	The status is given if the document data is saved in the i.EKA Elasticsearch storage and has no flaws.
Document rejected	REJECTED	The status is given if the document data is rejected and must be resubmitted.

9.3.4 Typical process of use of the i.EKA web service of data



9.4 Technical specification

Description of signs in the "Cardinality" columns

0..1	It is possible to omit an element or to provide a single element (optional element).
1	One and only one element must be provided (mandatory element and its meaning).

0..*	It is possible to omit an element or to provide one or more elements (optional element), but within the specified number of elements, e.g.: 0...10 - no more than 10 elements may be provided.
1..*	One or more elements must be provided (mandatory element and its value), but not exceeding the specified number of elements, e.g.: 1...10 - a maximum of 10 elements may be provided.

9.4.1 *SubmitDocuments method*

Purpose	The method is designed to submit documents of cash register to i.EKA.
Call parameters	SubmitDocumentsRequest
Results	SubmitDocumentsResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Time out for request execution: 30 s. If this time is exceeded then error 10012 is returned.

9.4.2 *SubmitFiscalDay method*

Purpose	The method is designed to provide the first fiscal day document of cash register and the fiscal day after the certificate has been changed to i.EKA in a synchronous way.
Call parameters	SubmitFiscalDayRequest
Results	SubmitFiscalDayResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Time out for request execution: 30 s. If this time is exceeded then error 10012 is returned.

9.4.3 *CheckState method*

Purpose	The method to check the status of a file.
Call parameters	CheckStateRequest The number of method requests submitted by the cash register is limited: no more than <value; initial value: 5 minutes> requests can be submitted within the <value; initial value: 5> time duration.
Results	CheckStateResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Time out for request execution: 30 s. If this time is exceeded then error 10012 is returned.

9.4.4 *StateHistory method*

Purpose	The method to check the history of state changes of a file.
Call parameters	StateHistoryRequest The number of method requests submitted by the cash register is limited: no more than <value; initial value: 5 minutes> requests can be submitted within the <value; initial value: 5> time duration
Results	StateHistoryResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Time out for request execution: 30 s. If this time is exceeded then error 10012 is returned.

9.4.5 *GetDocumentsWithErrors method*

Purpose	The method is designed to obtain a list of documents that have errors.
Call parameters	GetDocumentsWithErrorsRequest The number of method requests submitted by the cash register is limited: no more than <value; initial value: 5 min> requests can be submitted within the <value; initial value: 5> time duration.
Results	GetDocumentsWithErrorsResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages. Time out for request execution: 30 s. If this time is exceeded then error 10012 is returned.

9.4.5.1 SubmitDocumentsRequest structure

Name	Type	Length	Cardinality	Description	Related errors
packageDocuments	base64	-	1	base64 encoded i.EKA file.	-
requestNumber	string	36	1	The unique request identifier of the data provider.	10005

9.4.5.2 SubmitFiscalDayRequest structure

Name	Type	Length	Cardinality	Description	Related errors
fiscalDayDocument	base64	-	1	base64 encoded i.EKA file.	-
requestNumber	string	36	1	The unique request identifier of the data provider.	10005

9.4.5.3 CheckStateRequest structure

Name	Type	Length	Cardinality	Description	Related errors
trackingNumber	string	36	1	A file tracking number provided by i.EKA. A trackingNumber or requestNumber must be specified.	-
requestNumber	string	36		The unique request identifier of the data provider. A trackingNumber or requestNumber must be specified.	10011

9.4.5.4 StateHistoryRequest structure

Name	Type	Length	Cardinality	Description	Related errors
trackingNumber	string	36	1	A file tracking number provided by i.EKA. A trackingNumber or requestNumber must be specified.	-
requestNumber	string	36		The unique request identifier of the data provider. A trackingNumber or requestNumber must be specified.	10011

9.4.5.5 GetDocumentsWithErrorsRequest structure

Name	Type	Length	Cardinality	Description	Related errors
documentDateTimePeriodStart	datetime	-	1	Start date of the period for which i.EKA documents with errors should be selected. Documents with the date and time of creation of the documents in the cash register (documentHeader/documentDateTime) are selected falls within the specified period. Note: the period cannot be longer than 1 month	10006, 11008
documentDateTimePeriodEnd	datetime	-	1	End date of the period for which i.EKA documents with errors should be selected. Documents with the date and time of creation of the documents in the cash register (documentHeader/documentDateTime) are selected falls within the specified period. Note: the period cannot be longer than 1 month	
errorSeverity	enum	-	0..1	Error severity. Possible values: - ERROR - a critical error, when the system stores fiscal and other receipt data in Elasticsearch storage but does not accept them due to significant errors. Critical errors must be corrected, such documents are not considered accepted. - WARNING - a warning of insignificant error or additional information related to the submission of fiscal and other receipt data. The system stores fiscal and other receipt data in the Elasticsearch storage, and the documents are considered accepted. If the field is empty, all errors will return.	10007

9.4.5.6 SubmitDocumentsResponse structure

Name	Type	Length	Cardinality	Description
operationStatus	enum	-	1	Operation status. Possible values: - SUCCESS - a file is successfully uploaded (corresponds to the status value UPLOADED - the file is uploaded). - ERROR - technical errors were detected while uploading the file (corresponds to the status value UPLOAD_REJECTED - a file failed to upload).
trackingNumber	string	36	1	i.EKA provide a tracking number to the file.
requestNumber	string	36	1	The unique request identifier of the data provider (the value returned in the request).
errors	Errors	-	0..1	Error list. The element is returned if operationStatus = ERROR.
settingsCryptogram	EKA002 Atsiskaitymo priemonės (su SM) tvarkymo žiniatinklio paslaugos	-	0..1	The cryptogram is returned if the i.EKA is a cryptogram ready for the cash register and not yet sent.

9.4.5.7 SubmitFiscalDayResponse structure

Name	Type	Length	Cardinality	Description
operationStatus	enum	-	1	Operation status. Possible values: - SUCCESS - fiscal day submitted successfully. - ERROR - Rejection error was found during the inspection of the fiscal day.
trackingNumber	string	36	1	i.EKA provide a tracking number to the file.
requestNumber	string	36	1	The unique request identifier of the data provider (the value returned in the request).
errors	Errors	-	0..1	Error list. The element is returned if operationStatus = ERROR.
packageErrors	Errors	-	0..1	List of errors related to general file and / or document data. The element is returned if operationStatus = SUCCESS and there are errors related to general file and / or document data.
settingsCryptogram	EKA002 Atsiskaitymo priemonės (su SM) tvarkymo žiniatinklio paslaugos	-	0..1	The cryptogram is returned if the i.EKA is a cryptogram ready for the cash register and not yet sent.

9.4.5.8 CheckStateResponse structure

Name	Type	Length	Cardinality	Description
operationStatus	enum	10	1	Operation status. Possible values: - SUCCESS - operation successful. - ERROR - operation unsuccessful.
errors	Errors	-	0..1	List of operation errors. The element is returned if operationStatus = ERROR.
state	enum	-	0..1	File state. Possible values: - UPLOADED. - UPLOAD_REJECTED. - PROCESSING. - ACCEPTED. - PROCESSED_WITH_ERRORS. - PROCESSED_WITH_REJECTS. - REJECTED. The element is returned if operationStatus = SUCCESS.
stateErrors	Errors	-	0..1	List of errors related to general file data.

Name	Type	Length	Cardinality	Description
				The element is returned if operationStatus = SUCCESS and there are errors related to general file data.
stateDate	dateTime	-	0..1	Date and time the file status changed. The element is returned if operationStatus = SUCCESS.
documentsStatuses	DocumentsStatuses	-	0..1	List of documents with creation / update statuses for individual documents in the file and rejected documents. If other related documents (not from the list of documents in the file) are additionally checked during the document file check, the method does not return data on the status and errors of such additional document documents. The element is returned if operationStatus = SUCCESS, and there is at least one saved document.
settingsCryptogram	EKA002 Atsiskaitymo priemonės (su SM) tvarkymo žiniatinklio paslaugos	-	0..1	The cryptogram is returned if the i.EKA is a cryptogram ready for the cash register and not yet sent.

9.4.5.9 StateHistoryResponse structure

Name	Type	Length	Cardinality	Description
operationStatus	enum	-	1	Operation status. Possible values: - SUCCESS - operation successful. - ERROR - operation unsuccessful.
errors	Errors	-	0..1	List of operation errors. The element is returned if operationStatus = ERROR.
stateHistory	StateHistory	-	0..1	History of file state changes. The element is returned if operationStatus = SUCCESS.
settingsCryptogram	EKA002 Atsiskaitymo priemonės (su SM) tvarkymo žiniatinklio paslaugos	-	0..1	The cryptogram is returned if the i.EKA is a cryptogram ready for the cash register and not yet sent.

9.4.5.10 GetDocumentsWithErrorsResponse structure

Name	Type	Length	Cardinality	Description
operationStatus	enum	-	1	Operation status. Possible values: - SUCCESS - operation successful. - ERROR - operation unsuccessful.
errors	Errors	-	0..1	List of operation errors. The element is returned if operationStatus = ERROR.
documentsWithErrors	DocumentsWithErrors	-	0..1	List of errors with the current status (latest version) of each document and the current list of errors. Data are selected according to the specified sampling parameters: - operationStatus = SUCCESS. - At least one document with errors was selected.
settingsCryptogram	EKA002 Atsiskaitymo priemonės (su SM) tvarkymo žiniatinklio paslaugos	-	0..1	The cryptogram is returned if the i.EKA is a cryptogram ready for the cash register and not yet sent.

9.4.5.11 DocumentsStatuses structure

Name	Type	Length	Cardinality	Description
documentStatus	DocumentStatus	-	1..1000	Document processing / upload status data. Provides data related to the document version of the processed file.

9.4.5.12 DocumentsWithErrors structure

Name	Type	Length	Cardinality	Description
documentStatus	DocumentStatus	-	1..1000	Document current status (latest version) data. The method lists documents of newest registration of cash register (i. e. record of cash register with the highest cashRegisterRegistrationID) that currently have at least one valid error. If the number of documents with errors is too large, the system returns 1000 oldest created / updated documents and returns the error in the error element of the operation 10008.

9.4.5.13 DocumentStatus structure

Name	Type	Length	Cardinality	Description
documentNumber	integer	-	1	A file identification number.
documentState	enum	-	1	A file state. Possible values: - ACCEPTED. - ACCEPTED_WITH_WARNINGS - PROCESSED_WITH_ERRORS. - REJECTED.
documentVersion	string	20	1	The version of the document being returned.
correctionReasonProvided	boolean	-	1	Indication whether the version of the document indicates the reason for the correction of the document (documentHeader/correctionReason). Possible values: - true - correction reason provided. - false - correction reason is not provided.
errors	Errors	-	0..1	The document error list. Returned if the document has errors.

9.4.5.14 StateHistory structure

Name	Type	Length	Cardinality	Description
historyItem	HistoryItem	-	1..3	File status data.

9.4.5.15 HistoryItem structure

Name	Type	Length	Cardinality	Description
state	enum	-	1	File state. Possible values: - UPLOADED. - UPLOAD_REJECTED. - PROCESSING. - ACCEPTED. - PROCESSED_WITH_ERRORS. - PROCESSED_WITH_REJECTS. - REJECTED.
stateDate	dateTime	-	1	Date and time changes in file state.

9.4.5.16 Errors structure

Name	Type	Length	Cardinality	Description
error	Error	-	1..10000	Error. If the number of errors is too high, the system returns the non-compliances in the last error element 10009.

9.4.5.17 Error structure

Name	Type	Length	Cardinality	Description
severity	enum	-	1	Significance of non-compliance by Catalog of errors: REJECT, ERROR, WARNING. - REJECT - rejection error. The system rejects fiscal and other receipt data due to significant errors and saves the errors to the file data. If documents were rejected they must be resubmitted. - ERROR - critical error. The system saves fiscal and other receipt data in the Elasticsearch storage but does not accept them due to

Name	Type	Length	Cardinality	Description
				significant errors. Critical errors need to be corrected and such documents are not considered accepted. Note: the main difference between rejection and critical error is that in the case of rejected documents, the documents are considered not to have been submitted, and in the case of documents with critical error, the obligation is considered fulfilled, but the data needs to be corrected. WARNING - minor error warning or additional information related to the submission of fiscal and other receipt data. The system stores fiscal and other receipt data in the Elasticsearch storage, and the documents are considered accepted.
systemCode	string	64	1	System error code.
detail	string	512	0..1	Error details (path to element with non-compliance).
errorCode	string	6	1	Error code.
descriptions	Descriptions	-	1	Error descriptions.

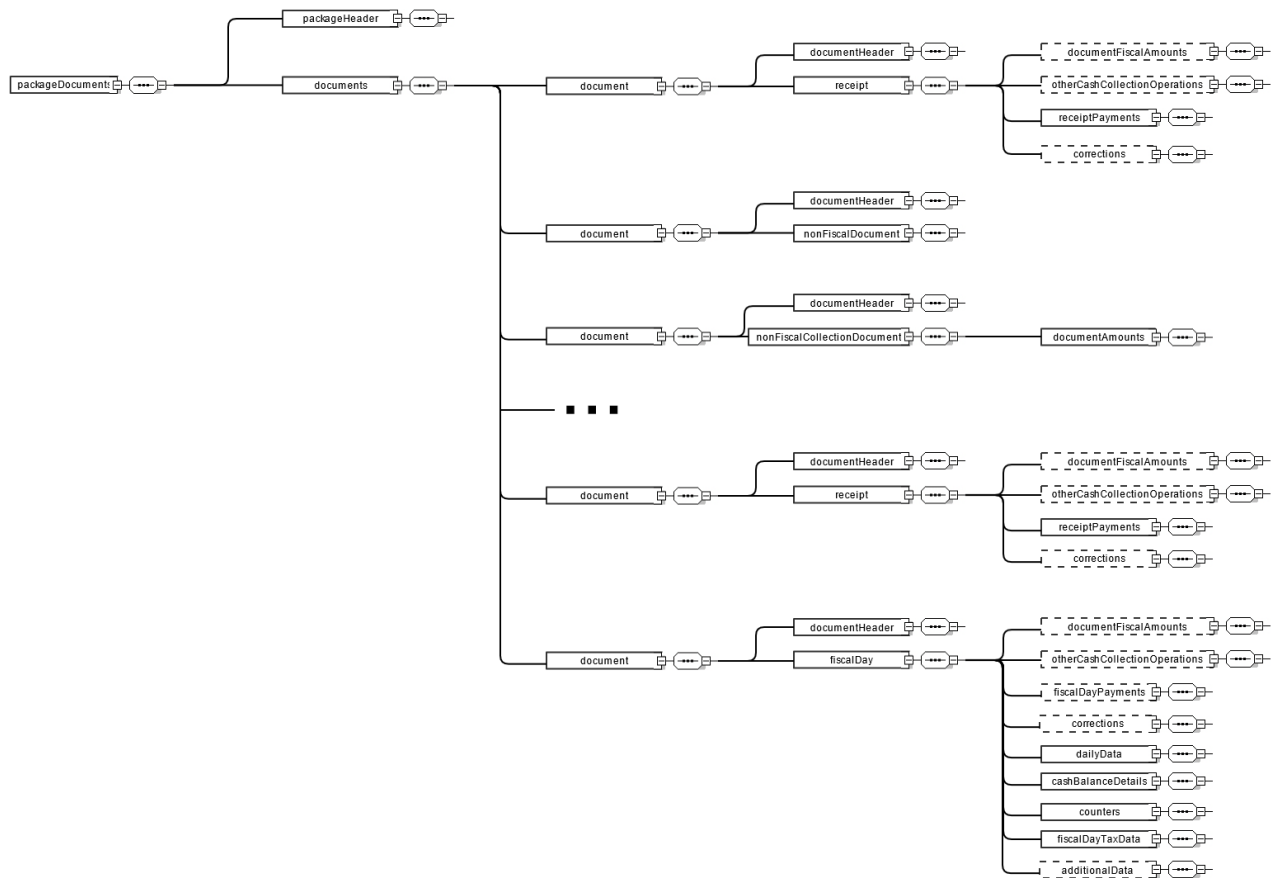
9.4.5.18 Descriptions structure

Name	Type	Length	Cardinality	Description
description	Description	-	1..2	Error descriptions from Catalog of errors.

9.4.5.19 Description structure

Name	Type	Length	Cardinality	Description
description	string	1024	1	Non - compliance report.
locale	enum	-	1	The language indicating attribute of the non-compliance report. Attribute values: - EN - non-compliance report in English. - LT - non-compliance report in Lithuanian.

9.4.6 PackageDocuments file data structure



9.4.6.1 PackageDocuments structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
packageHeader	PackageHeader	-	1	Header of the data file on payments for the sale of goods (or, in the case of purchase of goods, the goods to be purchased) and services (hereinafter referred to as the "Data File")	Data identifying the cash register, identifying the user of the cash register, the cash register, the security module (if the cash register works with a security module), certificates and other general data.	-
documents	Documents	-	1	List of documents	List of documents. Types of documents to be provided: Fiscal receipt, fiscal day, non-fiscal receipt (a non-fiscal receipt recording transactions that do not fall under other types of non-fiscal documents), non-fiscal receipt for cash insertion and withdrawal, non-fiscal receipt for cash register maintenance or repair operations, non-fiscal document for cancelled fiscal receipts, non-fiscal tax change document, non-fiscal refueling receipt, advance invoice,	-

Name	Type	Length	Cardinality	Short description	Description	Related errors
					non-fiscal return/refusal of goods/services document, non-fiscal receipt for other payment/disbursement transactions, non-fiscal receipt for information breach. Non-fiscal documents are divided into different types of documents, depending on the transactions carried out and the data they record.	

9.4.6.2 PackageHeader structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
registrationNumber	string	30	1	Entity identification number	Taxpayer code: for legal persons the company code is used and for natural persons the personal code.	12003
cashRegisterRegistrationNo	string	12	1	Number identifying the cash register	The number identifying the cash register, assigned by i.EKA during the registration procedure. E.g.: CR-223456789.	12002, 12004, 30000 The chain of verification: [12004 -> [12002, 30000]
securityModuleRegistrationNo	string	12	1	Number identifying the safety module	Unique number of the security module, assigned by i.EKA during the registration procedure.	12007, 12008 The chain of verification: [12007]; [12008]
certID	string	250	1	Certificate details	Serial number of the certificate used or previously used in the Security Module.	12009
VATRegistrationNumber	string	30	0..1	Value added tax (VAT) tax identification number of the entity	The VAT identification number of the economic operator. To be completed if the economic operator is a VAT taxable person.	12011, 12012, 12013 The chain of verification: [12013] -> [12012] -> [12011]
softwareCompanyName	string	30	1	Name of software developer	Name of the developer of the software that generated the data file.	-
softwareName	string	30	1	Name of the software	Name of the software that generated the data file.	-
softwareVersion	string	30	1	Software version	Version of the software that generated the data file.	-
fileVersion	string	20	1	Data file version	The version of the data file, which must match the version of the corresponding Extensible Markup Language (XML) Schema Definition (XSD) structure description of the data file.	12014

9.4.6.3 Documents structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
document	Document	-	1..1000	Document data	Document Data. Document Data. Documents shall be submitted sequentially, in ascending order of documentNumber.	-

9.4.6.4 Document structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
documentHeader	DocumentHeader	-	1	Document header information	Document header information.	-
receipt	Receipt	-	1	Fiscal receipt data	Fiscal receipt data.	-
fiscalDay	FiscalDay	-		Fiscal day data	Fiscal day data. Daily (shift) totals of fiscal and other data generated by the cash register.	-
nonFiscalDocument	NonFiscalDocument	-		Non-fiscal receipt data	Non-fiscal receipt data (non-fiscal receipt is used to register operations that do not fall under other types of non-fiscal documents).	-
nonFiscalCollectionDocument	NonFiscalCollectionDocument	-		Non-fiscal cash collection and withdrawal receipt data	Non-fiscal cash collection and withdrawal receipt data.	-
nonFiscalPIMaintenanceDocument	NonFiscalPIMaintenanceDocument	-		Non-fiscal receipt of maintenance or repair operations of cash register data	Non-fiscal receipt of maintenance or repair operations of cash register data.	-
nonFiscalCancelationDocument	NonFiscalCancelationDocument	-		Non-fiscal document of fiscal receipt	Non-fiscal document data that justifies	-

Name	Type	Length	Cardinality	Short description	Description	Related errors
				cancelation data	the cancelation of non-completed fiscal receipt.	
nonFiscalTaxChangeDocument	NonFiscalTaxChangeDocument	-		Non-fiscal tax change document data	Non-fiscal tax change document data.	-
nonFiscalTechnicalRefuelingDocument	NonFiscalTechnicalRefuelingDocument	-		Non-fiscal technical refueling receipt data	Non-fiscal technical refueling receipt data.	-
preOrderDocument	PreOrderDocument	-		Pre-order document data	Pre-order document data.	-
nonFiscalReturnDocument	NonFiscalReturnDocument	-		Non-fiscal good return and (or) service refusal document data	Good return and (or) service refusal operation data. Good return and (or) service refusal operation that is registered by cash register may only be executed as a non-fiscal transaction.	-
nonFiscalFinancialDocument	NonFiscalFinancialDocument	-		Non-fiscal other payment / disbursement operations receipt data	Non-fiscal other payment / disbursement operations receipt data. Other payment / disbursement operations that do not include sales and / or purchases of goods / services that	-

Name	Type	Length	Cardinality	Short description	Description	Related errors
					change the values of the aggregation counters of the fiscal data of the cash register. Also, the value of the element does not include deposit and withdrawal (e.g., collection) operations by the taxpayer using the cash register.	
gasStationOperationViolationDocument	GasStationOperationViolationDocument	-		Non-fiscal information transfer violation receipt data	Non-fiscal information transfer violation receipt data. Data is related to the blocking of the operation of a gas station system or a fuel filling station due to a violation of the transfer of information over the lines connecting the individual modules and stations.	-

9.4.6.5 DocumentHeader structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
documentDateTime	dateTime	-	1	Date and time of document	Date and time of the document. Note: the local time (Europe/Vilnius time zone) is used throughout the data structure.	11008, 21000, 21001, 21002, 21003, 21021 The chain of verification: [11008] -> [21000, 21001, 21002, 21003, 21021]
documentNumber	integer	-	1	Document identification number	Common document sequence number.	21004, 21019, 21022 The chain of verification: [21019] -> [21022] -> [21004]
linkedDocumentNumbers	LinkedDocumentNumbers	-	0..1	Identification numbers of related documents	Identifying numbers of related documents. Document related to a fiscal receipt - Advance Invoice. Fiscal day related documents: non-fiscal tax change document; non-fiscal refueling voucher; Advance invoice; Non-fiscal information transmission violation voucher.	-
specificDocumentTypeNumber	SpecificDocumentTypeNumber	-	1	Document identification number by type of document	Document sequence number by type of document (fiscal receipt, non-fiscal document, fiscal day).	-

Name	Type	Length	Cardinality	Short description	Description	Related errors
documentHash	base64/string	32	1	The meaning of document hash	SHA256 hash value of the text copy of the document from the electronic control tape (ECT), encoded in Base64 and transmitted to the security module.	-
previousDocumentHash	base64/string	32	1	Hash value of previous document	The SHA256 hash value of a Base64-encoded SHA256 hash of a previous Base64-encoded SHA256 hash of a text copy of the same type of document from the ECU. The first document of each type shall match the value of the "documentHash" element.	21005, 21006, 21007, 21008, 21009, 21010 The chain of verification: [21005] -> [21006]; [21007] -> [21008]; [21009] -> [21010]
documentSignature	base64/string	256	1	Safety module signature	The signature of the document information block (not encrypted) security module (RSASSA-PKCS1-v1_5 Signature Generation (SHA1withRSA)) shall be Base64 encoded.	21011
documentInfoBlockCrypto	base64/string	256	1	Document information block	The VMI public key encrypted (RSAES-PKCS1-v1_5 Encryption) data of the document information block shall be Base64 encrypted. Note: the structure of the information	22000, 22002, 22003, 22004, 22005, 22006, 22007, 22008, 22009, 22010, 22011, 22012, 22013, 22014,

Name	Type	Length	Cardinality	Short description	Description	Related errors
					block for fiscal receipt / fiscal day / non-fiscal document is different. The formats of the information block and the related elements of the i.EKA file is also different.	22015, 22016, 22017, 22018, 22019, 22020, 22021, 22022, 22023, 22024, 22026, 22027, 22028, 22029, 22030, 22031, 22032, 22033, 22034, 22035 The chain of verification: [22032] -> [22000] -> [22033, 22034, 22035] -> [22003] -> [22002, 22004, 22005, 22006, 22007, 22008, 22009, 22010, 22011, 22012, 22013, 22014, 22015, 22016, 22017, 22018, 22019, 22020, 22021, 22022, 22023, 22024, 22026, 22027, 22028, 22029, 22030, 22031]
documentCode	hex/string	16	0..1	Document code	Document code (part of document signature,	21012, 21013 The chain of

Name	Type	Length	Cardinality	Short description	Description	Related errors
					encrypted with an AES symmetric key from the security module and converted to readable form, that is printed in receipt). The symmetric key will be changed frequently (monthly or quarterly). Different AES keys are used for fiscal receipts and for forward invoices. This field is only to be filled in for fiscal receipts and advance invoices.	verification: [21012] -> [21013]
location	Location	-	1	Address of the cash register	Address of the cash register.	-
correctionReason	string	1024	0..1	Reason for correcting the document	Reason for correcting the document in free text. Must be specified when resubmitting the document. Not to be used for the first version of the document.	21015, 21016, 21017 The chain of verification: [21015] -> [21016, 21017]

9.4.6.6 LinkedDocumentNumbers structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
linkedDocumentNumber	integer	-	1..500	Identifying number of the related document	The identifying number of the linked document from the non-fiscal document (e.g. when closing a pre-invoice with a fiscal receipt, the fiscal receipt must contain the number of the pre-invoice, and if the pre-invoice has been split into several pre-invoices, then the fiscal receipt must contain both the number of the original pre-invoice and the split pre-invoice. These forward account numbers must be provided with the fiscal receipt data).	23000, 23001, 23002, 23003, 23004, 23005 The chain of verification: [23000] -> [23001] -> [23002, 23003, 23004, 23005]

9.4.6.7 SpecificDocumentTypeNumber structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
fiscalDayNumber	integer	-	1	Number of the daily/shift fiscal day (hereafter referred to as "Z report").	The number of the fiscal day related to the document to be submitted.	23100, 23101
receiptNumberInFiscalDay	integer	-	0..1	Fiscal receipt number of the cash register (hereinafter referred to as "fiscal receipt") in the fiscal day	The number of the fiscal receipt in the fiscal day. This element is mandatory if a fiscal receipt is provided.	23102, 23103, 23104, 23105 The chain of verification: [23102] -> [23103] -> [23104, 23105]
nonFiscalDocumentNumberInFiscalDay	integer	-	0..1	Number of the non-fiscal receipt (hereinafter referred to as "non-fiscal receipt") of the cash register in the fiscal day	Non-fiscal receipt number in the fiscal day. To be completed if a non-fiscal receipt is provided.	23106, 23107, 23108, 23109 The chain of verification: [23106] -> [23107] -> [23108, 23109]

9.4.6.8 Location structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
locationUID	string	20	0..1	Unique identification number of the address of the cash register	A unique identification number used for the address of the cash register at the State Tax Inspectorate (hereinafter referred to as "STI"). Mandatory for fixed-type cash registers, may be specified for mobile cash registers.	23200, 23201, 23202 The chain of verification: [23202] -> [23200, 23201]
locationLKSY	integer	-	0..1	LKS-94 coordinates of the address of the cash register on the X-axis	The address of the cash register shall have LKS-94 coordinates on the X-axis (e.g., 486622). Usually used for cash register with portable cash register mark (if device can provide corresponding data), but may be used for stationary cash register as well. If the cash register is portable and both address UID and coordinate data are provided, the coordinate data is more relevant.	23203, 23205 The chain of verification: [23203] -> [23205]
locationLKSY	integer	-	0..1	Y-axis coordinates of the address of the cash register in LKS-94	The LKS-94 coordinates of the address of the cash register on the Y-axis (e.g., 6141287). Usually used for cash register with portable cash register mark (if device can provide corresponding data), but may be used for stationary cash register as well. If the cash register is portable and both address UID and coordinate data are provided, the coordinate data is more relevant.	23204, 23206 The chain of verification: [23204] -> [23206]

9.4.6.9 Receipt structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
documentFiscalAmounts	DocumentFiscalAmounts	-	0..1	Fiscal amounts of the fiscal receipt	Fiscal amounts of a fiscal receipt.	24050
otherCashCollectionOperations	OtherCashCollectionOperations	-	0..1	Other payment/disbursement operations	Other payment/disbursement transactions. The value of the element does not include deposit and withdrawal operations (e.g., collection) by the taxpayer using the cash register.	-
receiptPayments	ReceiptPayments	-	1	Fiscal receipt payment information	Fiscal receipt payment information by method of payment.	-
corrections	Corrections	-	0..1	Corrections to a fiscal receipt	Corrections made to the fiscal receipt.	-

9.4.6.10 DocumentFiscalAmounts structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
salesOperationData	SalesOperationData	-	1	Sales transaction data	Details of sales operations.	-
discountsAdditions	DiscountsAdditions	-	0..1	Document discounts and mark-ups	Document discounts and mark-ups.	-

9.4.6.11 SalesOperationData structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
totalSalesAmount	decimal	(10,2)	1	Total amount of sales	The amount of sales, including taxes, reported in the document.	24000, 24001
totalSalesTaxAmount	decimal	(10,2)	1	Total amount of taxes on sales transactions	The document indicates the total amount of taxes applied to sales. If VAT is not applied, the value of the element is empty ("xs:nil = 'true'").	24002, 24003, 24004 The chain of verification: [24004] -> [24002, 24003]
salesOperationTaxDetails	SalesOperationTaxDetails	-	1	Sales transaction tax details	The tax detail of the sales transactions.	-

9.4.6.12 SalesOperationTaxDetails structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
salesOperationTaxLine	SalesOperationTaxLine	-	1..50	Sales transaction tax lines	Sales transaction tax lines (tax details: tax rate, tax amount, sales amount including tax).	-

9.4.6.13 SalesOperationTaxLine structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
taxRate	string	2	1	Tax rate	VAT rate according to the tax rate classification (TAX_RATE): 0 5 9 21 If VAT is not applied, the value of the element is empty.	24100
taxAmount	decimal	(10,2)	1	Tax amount	VAT amount for the VAT rate indicated. If VAT is not applied, the value of the element is empty ("xs:nil = "true").	24101, 24102, 24103 The chain of verification: [24103] -> [24101, 24102]
salesAmountAfterTax	decimal	(10,2)	1	Amount of sales including tax	The number of sales including VAT for the VAT rate indicated.	24104

9.4.6.14 DiscountsAdditions structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
totalSalesAmountWithoutDiscountAddition	decimal	(10,2)	1	Number of sales transactions on the document excluding discounts and mark-ups	The amount of sales transactions excluding discounts and mark-ups.	24200
totalSalesDiscountQuantity	integer	-	0..1	Number of discounts on sales transactions in the document	Number of discounts on document sales transactions. The field is filled only in case of fiscal day. In the case of a fiscal receipt, the field is left blank.	24201, 24202 The chain of verification: [24202] -> [24201]
totalSalesDiscountAmount	decimal	(10,2)	0..1	Sum of discounts on sales transactions in the document	Total amount of discounts on document sales transactions.	24203, 24204, 24205, 24206 The chain of verification: [24206] ->

Name	Type	Length	Cardinality	Short description	Description	Related errors
						[24204] - > [24203, 24205]
totalSalesAdditionQuantity	integer	-	0..1	Quantity of mark-ups on sales transactions	Amount of mark - ups on sales transactions. The field is filled in only for the fiscal day. In the case of a fiscal receipt, the field is left blank.	24207, 24208 The chain of verification: [24208] -> [24207]
totalSalesAdditionAmount	decimal	(10,2)	0..1	Sum of mark-ups on sales transactions	The total amount of mark - ups on the sale of a document.	24209, 24210 The chain of verification: [24210] - > [24209]

9.4.6.15 OtherCashCollectionOperations structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
otherCashCollectionOperation	OtherCashCollectionOperation	-	1..50	Other payment/disbursement operations	Other payment/disbursement transactions. The value of the element does not include deposit and withdrawal operations (e.g., collection) by the taxpayer using the cash register.	-

9.4.6.16 OtherCashCollectionOperation structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
collectionDirection	enum	-	1	Operation attribute	Operation attribute: payment operations – "IN", disbursement operations - "OUT".	24400
collectionType	string	2	1	Operation type	Type of transaction according to the classification of types of deposit/withdrawal transactions: 1 - Deposit. 2 - Other. 3 - Purchase. 4 - Refund. Is specified only in the non-fiscal refund and waiver document and fiscal day. OUT - return of goods, IN - applicable	24401, 24402, 24403, 24404, 24405, 24406, 24417 The chain of verification : [24401] - > [24402, 24403, 24404,

Name	Type	Length	Cardinality	Short description	Description	Related errors
					when the return is made in connection with a registered purchase of goods.	24405, 24406, 24417]
collectionAmount	decimal	(10,2)	1	Transaction amount	Total amount of the transaction by transaction attribute and type in the document.	24407
returnedDocumentCashRegisterRegistrationNo	string	12	0..1	Number identifying the cash register of the receipt on which the refund is made	The number of the receipt against which the repayment is made, identifying the means of payment, given by i.EKA during the registration procedure (cashRegisterRegistrationNo). May be returned via a different cash register than the original printed receipt. This field shall only be filled in case of a return operation where the document type is a non-fiscal return/refusal document and the details of the fiscal receipt on which the return is based are available.	24408, 24409, 24410, 24411, 24412, 24413 The chain of verification : [24413] - > [24411] - > [24412] - > [24410] - > [24408] - > [24409]
returnedDocumentNumber	integer	-	0..1	Document identification number of the receipt against which the return is made	Document identification number of the receipt against which the return is made (common document serial number). To be completed only in the case of a return operation where the document type is a non-fiscal return/refusal document and the details of the receipt against which the return is made are available.	24414, 24415 The chain of verification : [24415] - > [24414]
returnedOtherSalesDocumentNumber	string	20	0..1	Number of the sales document against which the return is made	Identifying number of the sales document against which the return is made. To be filled in only in the case of a return transaction where the document type is non-fiscal return/refusal document and the details of the fiscal receipt against which the return is made are not available (e.g. the product was sold online and only the account number of the product is available).	24416

9.4.6.17 ReceiptPayments structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
totalAmountToPay	decimal	(10,2)	1	Amount due on the document	The amount due for the document. The amount payable is negative if the buyer is paid money.	24500, 24501, 24502
paymentDetails	PaymentDetails	-	0..1	Details of the payment methods of the document	Details of the payment methods in the document.	-
payoutDetails	PayoutDetails	-	0..1	Details of the document's methods of payment	Details of the payment methods of the document.	-

9.4.6.18 PaymentDetails structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
paymentDetail	PaymentDetail	-	1..10	Details of the payment methods of the document	Details of the payment methods in the document.	-

9.4.6.19 PaymentDetail structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
paymentType	string	2	1	Payment method	The payment method according to the classification of payment and cash-out types (PAYMENT_PAYOUT_TYPE):1 - Cash.2 - Debit/credit card payment.3 - Other payment card (e.g. loyalty card).4 - Vouchers.5 - Money order.6 - Reimbursed by the Compulsory Health Insurance Fund budget.7 - Reimbursed by the state budget.8 - Cryptocurrency.9 - Other.10 - Rounding.	24600, 24601, 24602, 24603, 24604, 24611 The chain of verification: [24600] -> [24601] -> [24611] -> [24602] -> [24603] -> [24604]
paidAmountNatCur	decimal	(10,2)	1	Amount paid	Amount of document paid in euro by type of payment.	24605, 24606, 24607 The chain of verification: [24605] -> [24606, 24607]
paymentCurrency	string	3	0..1	Currency of payment	Currency of payment according to the currency classification (CURRENCY_CODE), e.g. USD - US Dollar. To be filled in if a currency other than euro was used.	24608
paidAmountPaymentCur	decimal	(15,3)	0..1	Amount paid in payment currency	Amount paid in a currency other than euro. To be filled in if a currency other than euro was used.	24609
exchangeRate	decimal	(15,4)	0..1	Payment currency exchange rate	Foreign currencies shall be converted according to the indicative euro/foreign currency conversion rate published by the	24610

Name	Type	Length	Cardinality	Short description	Description	Related errors
					European Central Bank, and in cases where the indicative euro/foreign currency conversion rate is not published by the European Central Bank, according to the indicative euro/foreign currency conversion rate published by the Bank of Lithuania. The value of the element shall be filled in if a currency other than the euro has been used.	

9.4.6.20 PayoutDetails structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
payoutDetail	PayoutDetail	-	1..10	Details of the document's methods of payment	Details of the payment methods of the document.	-

9.4.6.21 PayoutDetail structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
payoutType	string	2	1	Method of disbursement	The type of cash payment according to the classification (PAYMENT_PAYOUT_TYPE: 1 - Cash.2 - Debit/credit payment card.3 - Other payment card (e.g. loyalty card).4 - Vouchers.5 - Money order.6 - Reimbursed by the Compulsory Health Insurance Fund budget.7 - Reimbursed by the state budget.8 - Cryptocurrency.9 - Other.10 - Rounding.	24700, 24701, 24702, 24703, 24704, 24711 The chain of verification: [24700] -> [24701] -> [24711] -> [24702] -> [24703] -> [24704]
payoutAmountNatCur	decimal	(10,2)	1	Amount of money disbursed	Amount of money paid out in euro for the document, by type of payout.	24705, 24706, 24707 The chain of verification: [24705] -> [24706, 24707]
payoutCurrency	string	3	0..1	Currency of cash payment	Disbursement currency according to the currency classification (CURRENCY_CODE),), e.g. USD - US Dollar. To be filled in if a currency other than euro was used.	24708
payoutAmountPaymentCur	decimal	(15,3)	0..1	Amount disbursed in other currency	Amount paid out in a currency other than euro. To be completed if a currency other than euro was used.	24709
exchangeRate	decimal	(15,4)	0..1	Currency rate of payment of money	Foreign currencies shall be converted according to the indicative euro/foreign currency conversion rate	24710

Name	Type	Length	Cardinality	Short description	Description	Related errors
					published by the European Central Bank, and in cases where the indicative euro/foreign currency conversion rate is not published by the European Central Bank, according to the indicative euro/foreign currency conversion rate published by the Bank of Lithuania. The value of the element shall be filled in if a currency other than the euro has been used.	

9.4.6.22 Corrections structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
correctionsQuantity	integer	-	1	Number of corrections to the document	The number of corrections to the amounts recorded in the document.	24300
correctionsAmount	decimal	(10,2)	1	Total amount of corrections to the document	The total amount of corrections recorded in the document (absolute value).	24301

9.4.6.23 FiscalDay structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
documentFiscalAmounts	DocumentFiscalAmounts	-	0..1	Daily (shift) fiscal amounts	The fiscal amounts for the day (shift) indicated in the fiscal day.	-
otherCashCollectionOperations	OtherCashCollectionOperations	-	0..1	Daily (shift) other payment/disbursement transactions	Fiscal day shows the other payment/disbursement transactions of the day/shift. The value of the element does not include deposit and withdrawal (e.g. collection) operations by the taxpayer using the cash register. The information from the daily/shift fiscal receipts and non-fiscal financial receipts elements shall be aggregated.	-
fiscalDayPayments	FiscalDayPayments	-	0..1	Daily/shift payment totals	Fiscal day shall contain the sum of the daily/shift voucher payment information by payment method.	25050

Name	Type	Length	Cardinality	Short description	Description	Related errors
					The sum of information from daily/shift fiscal vouchers and non-fiscal financial voucher elements.	
corrections	Corrections	-	0..1	Day/shift corrections	Fiscal day shall contain other data for the day/shift.	-
dailyData	DailyData	-	1	Fiscal day other data	Daily data in fiscal day.	-
cashBalanceDetails	CashBalanceDetails	-	1	Cash details in cash register	Cash details in the cash register by each currency, including euro.	-
counters	Counters	-	1	Meter data	Counter data.	-
fiscalDayTaxData	FiscalDayTaxData	-	1	Data on applicable charges	Details of the charges applied in the cash register.	-
additionalData	AdditionalData	-	0..1	Additional data to be reported in fiscal day	Additional data in the fiscal day. The cash register shall be required to provide additional data if the legislation imposes an obligation on the user of the cash register to produce this data in the fiscal day.	-

9.4.6.24 FiscalDayPayments structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
totalAmountToPay	decimal	(10,2)	1	Amount payable per day/shift	The total amount payable for the day/shift. The amount may be negative if more money has been paid out by the cash register than received during the day/shift.	25000
paymentDetails	PaymentDetails	-	0..1	Details of the payment methods of the day/shift	Fiscal day shows details of the payment methods for the day/shift.	-
payoutDetails	PayoutDetails	-	0..1	Details of the daily (shift) cash disbursement methods	Fiscal day details the daily (shift) cash disbursement methods.	-

9.4.6.25 DailyData structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
periodStartDateTime	dateTime	-	1	Date and time of start of period of fiscal day	Date and time of the start of the period of fiscal day.	11008, 25100 The chain of verification

Name	Type	Length	Cardinality	Short description	Description	Related errors
						: [11008] -> [25100]
periodEndDateTime	dateTime	-	1	Date and time of the end of the period of fiscal day	Date and time of the end of the period of fiscal day.	11008, 25101, 25102 The chain of verification : [11008] -> [25101, 25102]
receiptQuantity	integer	-	1	Number of fiscal receipts	Number of fiscal receipts linked to fiscal day. If no fiscal receipts have been generated during the day/shift, the value of the element shall be 0.	25103
otherDocumentsQuantity	integer	-	1	Number of non-fiscal receipts	Number of non-fiscal receipts linked to the fiscal day. If no non-fiscal receipts have been generated during the day/shift, the value of the element shall be 0.	25104
canceledReceiptsDocumentsQuantity	integer	-	1	Number of fiscal receipts cancelled	Number of fiscal receipts cancelled during the period of the fiscal day. The total number of non-fiscal fiscal receipt documents cancelled. If no fiscal receipts have been cancelled	25105

Name	Type	Length	Cardinality	Short description	Description	Related errors
					during the day/shift, the value of the element shall be 0.	
canceledReceiptsDocumentsAmount	decimal	(10,2)	1	Amount of cancelled fiscal receipts	Sum of fiscal receipts cancelled during the period of fiscal day.	25106
gasStationOperationViolationDocumentsQuantity	integer	-	0..1	Number of infringements of petrol station information lines	Number of non-fiscal information receipts in the period of fiscal day due to breaches of petrol station information lines. The cash register shall be obliged to report the number of breaches of petrol station information lines if the legislation obliges the user of the cash register to generate this data in the fiscal day.	25107, 25108 The chain of verification : [25107] -> [25108]

9.4.6.26 CashBalanceDetails structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
cashBalanceDetail	CashBalanceDetail structure	-	1..50	Cash details in cash register	Cash details in the cash register by each currency, including euro.	-

9.4.6.27 CashBalanceDetail structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
cashCurrency	string	3	1	Currency of cash operations	The currency of cash operations according to the currency classification (CURRENCY_CODE), e.g. USD - US dollars.	25200
cashAmount	decimal	(15,3)	1	Cash balance amount in currency	Amount of cash balance in currency.	25201
insertionOperationCashAmount	decimal	(15,3)	1	Inserted cash amount in currency	Inserted cash amount in currency.	25202
insertionOperationCashQuantity	integer	-	1	Inserted cash quantity in currency	Inserted cash quantity in currency.	25203
withdrawalOperationCashAmount	decimal	(15,3)	1	Withdrew cash amount in currency	Withdrew cash amount in currency.	25204
withdrawalOperationCashQuantity	integer	-	1	Withdrew cash quantity in currency	Withdrew cash quantity in currency.	25205

9.4.6.28 Counters structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
GTSales	decimal	(15,2)	1	Global counter for sales transactions	The total amount of sales recorded by the cash register (GT counter) in the fiscal day.	25300
GTSalesTaxAmount	decimal	(15,2)	1	Sales transaction tax amount global counter	Total amount of sales taxes recorded by the cash register (GT counter) in the fiscal day.	25301
GTBuying	decimal	(15,2)	0..1	Global counter for purchase transactions	Total amount paid for goods purchased recorded in the cash register (GT counter) in fiscal day.	25302

9.4.6.29 FiscalDayTaxData structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
lastTaxChangeDateTime	dateTime	-	1	The date and time of the last tax setting or change	Date and time of the last tax determination or modification.	11008, 25400 The chain of verification: [11008] -> [25400]
taxChangeNumber	string	20	1	Tax exchange sequence number	Sequence number of the tax change.	-
fiscalDayTaxTables	FiscalDayTaxTables structure	-	1	Table of applicable taxes	Tax table (all taxes shall be listed).	25401

9.4.6.30 FiscalDayTaxTables structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
fiscalDayTaxTable	FiscalDayTaxTable	-	1..50	Table of applicable taxes	Tax table (all taxes shall be listed).	-

9.4.6.31 FiscalDayTaxTable structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
taxRate	string	2	1	Tax rate	VAT rate according to the tax rate classification (TAX_RATE):0 5 9 21 If VAT is not taxable, the value of the element shall be null.	24100
taxDescription	string	128	1	Tax description	Description of the VAT (e.g. purpose of the tax, code from the tax notation table).	-

9.4.6.32 AdditionalData structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
specialGoodsSales	SpecialGoodsSales structure	-	0..1	Details of sales of goods groups reported in the fiscal day	Details of the sales of goods groups reported in the fiscal day. For the product group alcoholic beverages, one aggregated detailed data record is provided.	25500
preOrderDocuments	PreOrderDocuments structure	-	0..1	Accounting of advance invoices	Accounting of advance invoices.	-
technicalRefuelings	TechnicalRefuelings structure	-	0..1	Technical fuel fills in fiscal day	Technical refueling in fiscal day.	-

9.4.6.33 SpecialGoodsSales structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
specialGoodsSale	SpecialGoodsSale structure	-	1..100	Details of sales of goods groups reported in the fiscal day	Details of the sales of goods groups reported in the fiscal day. For the product group alcoholic beverages, one aggregated detailed data record is provided.	-

9.4.6.34 SpecialGoodsSale structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
goodsGroup	string	3	1	Group of the commodity reported in fiscal day	The fiscal day shall specify the product group according to the Special Accounting Group Classification (SPECIAL_GOOD_GROUP).B1 - Petrol. B2 - Automotive ethanol fuel. D1 - Diesel fuel. D2 - Fatty acid methyl ester (FAME). DZ - Designated diesel fuel for agricultural and fishery use. GD - Natural gas for transport. LPG - Liquefied petroleum gas for transport. CT - Fuel for transport not	25600

Name	Type	Length	Cardinality	Short description	Description	Related errors
					elsewhere classified. AG - Alcoholic beverages.	
goods	string	128	0..1	Name of the commodity in fiscal day	The fiscal day shall contain the name of the commodity from the means of payment in free text. The value of the element for the product group alcoholic beverages is not filled in.	25601
goodsTotalSalesQuantity	decimal	(10,2)	0..1	Sales quantity of the commodity in fiscal day	The fiscal day shall indicate the quantity of sales of the commodity per day (shift) in litres. The value of the element for the product group alcoholic beverages is not filled in.	25602, 25603 The chain of verification: [25602] -> [25603]
goodsTotalSalesAmount	decimal	(10,2)	1	Fiscal day the number of sales of the item	Fiscal day shall indicate the number of sales of the commodity per day/shift, including taxes.	25604

9.4.6.35 PreOrderDocuments structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
preOrderTotalQuantity	integer	-	1	Invoice quantity in fiscal day	The quantity of pre-order invoices in the fiscal day. If no preorders were generated during the day/shift, the value of the element shall be 0.	25700, 25701 The chain of verification: [25700] -> [25701]
preOrderTransfToAccomodInvQuantity	integer	-	1	Quantity of forward invoices carried forward in the fiscal day	The quantity of prepayments transferred to the hotel in the fiscal day. If there were no prepayments transferred to the hotel during the day/shift, the value of the element shall be 0.	25702, 25703 The chain of verification: [25702] -> [25703]
preOrderTotalUnpaidQuantity	integer	-	1	Number of unpaid prepayments in fiscal day	The quantity of unpaid advance bills in the fiscal day. If there were no unpaid prepayments during the day/shift, the value of the element is reported as 0.	25704, 25705 The chain of verification: [25704] -> [25705]
preOrderTotalAmount	decimal	(10,2)	1	Total amount of prepayments in fiscal day	The total amount of advances in the fiscal day. If there were no prepayments generated during the day/shift, the value of the element shall be 0.	25706, 25707 The chain of verification: [25706] -> [25707]

Name	Type	Length	Cardinality	Short description	Description	Related errors
preOrderTransfToAccomodInvAmount	decimal	(10,2)	1	Total amount of carried forward accounts in the fiscal day	Total amount of advances transferred to the hotel in the fiscal day. If there were no prepayments transferred to the hotel during the day/shift, the value of the element is reported as 0.	25708
preOrderTotalUnpaidAmount	decimal	(10,2)	1	Number of unpaid advances in the fiscal day	The number of outstanding prepayments in the fiscal day. If there were no unpaid advances during the day/shift, the value of the element is reported as 0.	25709

9.4.6.36 TechnicalRefuelings structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
technicalRefueling	TechnicalRefueling structure	-	1..100	Technical fuel fills in fiscal day	Technical refueling in fiscal day.	-

9.4.6.37 TechnicalRefueling structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
fuelType	string	3	1	Group of fuels reported in fiscal day	The fiscal day shall contain the fuel group according to the Special Accounting Commodity Group Classification (SPECIAL_GOOD_GROUP): B1 - Petrol. B2 - Automotive ethanol fuel. D1 - Diesel fuel. D2 - Fatty acid methyl ester (FAME). DZ - Designated diesel fuel for agricultural and fishery use. GD - Natural gas for transport. LPG - Liquefied petroleum gas for transport. CT - Fuel for transport not elsewhere classified.	25800, 25801 The chain of verification: [25800] -> [25801]
fuel	string	128	1	Name of the fuel reported in fiscal day	The fiscal day shall contain the name of the fuel from the cash register in free text, e.g. 95 petrol.	-
fuelQuantity	decimal	(10,2)	1	Quantity of fuels for maintenance fills reported in fiscal day	The fiscal day shall indicate the quantity of fuel for refueling in litres.	25802

9.4.6.38 NonFiscalDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
operationName	string	256	0..1	Description of the non-fiscal transaction	Description of a non-fiscal transaction.	-

9.4.6.39 Struktūra NonFiscalCollectionDocument

Name	Type	Length	Cardinality	Short description	Description	Related errors
documentAmounts	DocumentAmounts	-	1	Amounts of non-fiscal cash-in and cash-out receipts	Non-fiscal cash insertion and withdrawal receipt amounts.	-

9.4.6.40 DocumentAmounts structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
PICashDetailsBeforeOperations	PICashDetailsBeforeOperations	-	1	Details of the cash amounts of the cash register before cash insertion and withdrawal transactions	Details of the cash amounts of the cash register before cash insertion and withdrawal transactions (by currency, including euro).	-
PICashOperationDetails	PICashOperationDetails	-	1	Details of cash register cash transactions	Details of cash transactions of the cash register (transaction direction, currency).	-
PICashDetailsAfterOperations	PICashDetailsAfterOperations	-	1	Cash register details of cash amounts after cash insertion and withdrawal transactions	Details of cash amounts of the cash register after cash insertion and withdrawal operations (by currency, including euro).	-

9.4.6.41 PICashDetailsBeforeOperations structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
PICashDetailsBeforeOperation	PICashDetailsBeforeOperation	-	1..50	Details of the cash amounts of the cash register before cash insertion and withdrawal transactions	Details of the cash amounts of the cash register before cash insertion and withdrawal transactions (by currency, including euro).	-

9.4.6.42 PICashDetailsBeforeOperation structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
cashCurrency	string	3	1	Cash register cash amounts before cash insertion and withdrawal operations, currency	The currency of the cash register's cash amounts before cash insertion and withdrawal operations, according to the currency classification (CURRENCY_CODE), e.g. USD - US dollar.	25200
initialCashAmount	decimal	(15,3)	1	Cash register cash amount in a specific currency before cash insertion and withdrawal operations	The cash amount of the cash register in a specific currency, including euro, before cash insertion and withdrawal operations.	27000

9.4.6.43 PICashOperationDetails structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
PICashOperationDetail	PICashOperationDetail	-	1..50	Details of cash register cash transactions	Details of cash transactions of the cash register (transaction direction, currency).	-

9.4.6.44 PICashOperationDetail structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
operationDirection	enum	-	1	Transaction attribute	Operation attribute: cash in - IN; cash out - OUT.	24400
cashCurrency	string	3	1	Currency of the cash transaction	The currency of the cash transaction according to the currency classification (CURRENCY_CODE), e.g., USD - US dollar.	25200
operationCashAmount	decimal	(15,3)	1	Amount of cash transaction by specific currency	Amount of cash transaction by specific currency, including euro.	27100

9.4.6.45 PICashDetailsAfterOperations structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
PICashDetailsAfterOperation	PICashDetailsAfterOperation	-	1..50	Cash register details of cash amounts after cash insertion and withdrawal transactions	Details of cash amounts of the cash register after cash insertion and withdrawal operations (by currency, including euro).	-

9.4.6.46 PICashDetailsAfterOperation structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
cashCurrency	string	3	1	Currency of the cash amount of the cash register after the cash insertion and withdrawal operations	The currency of the cash register's cash amount after cash insertion and withdrawal operations, according to the currency classification (CURRENCY_CODE), e.g., USD - US dollar.	25200
finalCashAmount	decimal	(15,3)	1	Cash register cash amount in specific currency after cash insertion and withdrawal operations	The cash amount of the cash register in a specific currency, including euro, after cash insertion and withdrawal operations.	27200

9.4.6.47 NonFiscalPIMaintenanceDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
maintenanceDescription	string	1024	1	Description of the maintenance or repair operation on the cash register	A description of the maintenance or repair operation of the cash register. The description shall be in free text. This text will be contained in the electronic technical passport of the cash register.	-

9.4.6.48 NonFiscalCancellationDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
canceledAmount	decimal	(10,2)	1	Amount of the document that has been cancelled	The amount of the document that has been cancelled.	27300

9.4.6.49 NonFiscalTaxChangeDocument structure

Pavadinimas	Type	Length	Cardinality	Short description	Description	Related errors
taxTable	TaxTables	-	1	Table of applicable charges	Table of applicable taxes (all taxes after the change).	-

9.4.6.50 TaxTables structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
taxTable	TaxTable	-	1..50	Table of applicable charges	Table of applicable taxes (all taxes after the change).	-

9.4.6.51 TaxTable structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
taxRate	string	2	1	Tax rate	VAT rate according to the tax rate classification (TAX_RATE):0 5 9 21 If VAT is not applied, the value of the element is empty.	24100
taxDescription	string	128	1	Description of the tax	Description of the VAT (e.g., purpose of the tax, code from the tax notation table).	-

9.4.6.52 NonFiscalTechnicalRefuelingDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
nonFiscalTechnicalRefueling	NonFiscalTechnicalRefueling	-	1	Details of the refueling	Technical refueling detail data.	-

9.4.6.53 NonFiscalTechnicalRefueling structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
nozzleNumber	string	20	0..1	Number of the refueling hose	Number of the refueling hose.	-
fuelType	string	3	1	Fuel group	The non-fiscal document for technical refueling shall contain the fuel group according to the Special Accounting Commodity Group Classification (SPECIAL_GOOD_GROUP).B1 - Petrol. B2 - Automotive ethanol fuel. D1 - Diesel fuel. D2 - Fatty acid methyl ester (FAME). DZ - Designated diesel fuel for agricultural and fishery use. GD - Natural gas for transport. LPG - Liquefied petroleum gas for transport. CT - Fuel for transport not elsewhere classified.	25800, 25801 The chain of verification: [25800] -> [25801]
fuel	string	128	1	Fuel name	The non-fiscal technical refueling receipt shall contain the name of the fuel from the means of payment in free text, e.g., 95 petrol.	-
fuelQuantity	decimal	(10,2)	1	Refueling fuel quantity	The non-fiscal receipt for refueling of technical fuels shall indicate the quantity of technical refueling fuel in litres.	25802

9.4.6.54 PreOrderDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
preSaleAmount	decimal	(10,2)	1	Total amount of pre-invoice	The total amount to be paid in the pre-invoice.	27400

9.4.6.55 NonFiscalReturnDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
otherCashCollectionOperations	OtherCashCollectionOperations	-	1	Details of the return/refuse operation	Details of a goods return and/or service cancellation transaction. The payment/disbursement transactions specified in the non-fiscal document for the goods return/service withdrawal transaction.	-
receiptPayments	ReceiptPayments	-	1	Payment details for the non-fiscal return/refusal document	Information on non-fiscal refund and/or waiver payments by payment method.	-

9.4.6.56 NonFiscalFinancialDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
otherCashCollectionOperations	OtherCashCollectionOperations	-	0	Other payment/disbursement transactions	Other payment/disbursement transactions. The value of the element does not include deposit and withdrawal (e.g., collection) operations by the taxpayer using the cash register.	-
receiptPayments	ReceiptPayments	-	1	Payment details of non-fiscal receipt for other payment/disbursement transactions	Payment information by mode of payment for the non-fiscal receipt for other payment/disbursement transactions.	-

9.4.6.57 GasStationOperationViolationDocument structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
violationDescription	string	1024	1	Violation description	Free form text description of the violation (e.g., lost connection).	-

9.4.6.58 Additional information about provided data

Attributes with "xs:nil = "true"" values:

- salesOperationData/totalSalesTaxAmount;
- salesOperationTaxLine/taxAmount.

Attributes (string) with possible null values:

- salesOperationTaxLine/taxRate;
- fiscalDayTaxTable/taxRate;
- taxTable/taxRate.

9.4.7 FiscalDayDocument file data structure

Name	Type	Length	Cardinality	Short description	Description	Related errors
packageHeader	PackageHeader	-	1	File header	Cash register identification data - data identifying the user of the cash register, the cash register, the safety module, certificates and other common data.	-
documentHeader	DocumentHeader	-	1	Document header information	Document header information.	-
fiscalDay	FiscalDay	-	1	Fiscal day data.	Fiscal day data.	-

9.4.8 Examples of filling in data for fiscal receipts, non-fiscal goods return and/or service refusal documents, non-fiscal receipts for payment/disbursement of other funds



No.		Case description																																	
	totalSalesTaxAmount	1,74	1,74		3,47	1,74	1,74		3,47		1,74		nil = "true"	0,48	0,48	0,95	1,74	0,64	0,64	8,39	8,39		1,74	1,91	3,12	1,56	0	3,73		5,21	0,87	1,74	4,34	0,87	
	salesOperationTaxDetails																																		
	salesOperationTaxLine																																		
	taxRate	21	21		21	21	21		21		21			5	5	5	21	21	21	21	21	21	21	21	21	21			21	21	21	21	21		
	taxAmount	1,74	1,74		3,47	1,74	1,74		3,47		1,74		nil = "true"	0,48	0,48	0,95	1,74	0,64	0,64	8,39	8,39		1,74	1,91	3,12	1,56	0	3,73		5,21	0,87	1,74	4,34	0,87	
	salesAmountAfterTax	10	10		20	10	10		20		10		1	10	10	20	10	3,71	3,69	48,32	48,32		10	11	18	9	0	21,48		30	5	10	25	5	
	discountsAdditions																																		
	totalSalesAmountWithoutDiscountAddition																							20	10	10	10				25				
	totalSalesDiscountAmount																							9		9	10				20				
	totalSalesAdditionAmount																								8	8									
otherCashCollectionOperations																																			
otherCashCollectionOperation																																			
	collectionDirection			OUT	OUT	OUT	OUT	OUT	IN	IN							IN						OUT	OUT					OUT	IN			IN		
	collectionType			1 (Deposit)	1 (Deposit)	1 (Deposit)	2 (Other)	2 (Other)	2 (Other)	2 (Other)							1 (Deposit)						3 (Purchase)	3 (Purchase)					4 (Return)	4 (Return)			2 (Other)		
	collectionAmount			10	10	10	10	10	10	10							10						10	10					10	5			20		
	returnedDocumentCashRegisterRegistrationNo																												CR-00000000111	CR-000000002222					
	returnedDocumentNumber																																		
	returnedOtherSalesDocumentNumber																																		
receiptPayments																																			



No.	Case description																																	
	totalAmountToPay	10	10	-10	10	0	-10	10	10	20	0	1	10	10	20	3,71	3,69	48,32	48,32	-10	0	11	18	9	0	21,48	-10	5	30	5	30	25	5	
	paymentDetails																																	
	paymentDetail																																	
	paymentType	1 (Cash)	1 (Cash)		1 (Cash)				1 (Cash)	2 (Deb. card)	2 (Deb. card)	2 (Deb. card)	1 (Cash)	6 (PSDKomp.)	1 (Cash)	6 (PSDKomp.)	1 (Cash)	1 (Cash)	10 (Round off)	1 (Cash)	1 (Cash)	2 (Deb. card)	2 (Deb. card)	1 (Cash)	1 (Cash)	1 (Cash)	2 (Deb. card)		1 (Cash)	1 (Cash)	1 (Cash)	4 (Voucher)	2 (Deb. card)	
	paidAmountNatCur	10	10		10				10	10	10	11	10	10	10	20	3,70	20	28,32	28,30	28,02					21,48		5	30	5	30	5	20	20
	paymentCurrency																									PLN								
	paidAmountPaymentCur																									1000								
	exchangeRate																									4,6552								
	payoutDetails																																	
	payoutDetail																																	
	payoutType			1 (Cash)					1 (Cash)	1 (Cash)									10 (Round off)								1 (Cash)						1 (Cash)	
	payoutAmountNatCur			10					10	10									0,01								10						15	
	payoutCurrency																																	
	payoutAmountPaymentCur																																	
	exchangeRate																																	

[illegible]

9.4.9 Examples of completion of the data for fiscal day documents

No.	Case description															
01	The first fiscal day is being submitted when the cash register is brand new. The following VAT rates apply to cash register: 21, 5.															
02	The first fiscal day is being submitted when the cash register is used. Global counters are non-zero. The following VAT rates apply to the cash register: 21.															
03	The first fiscal day is being submitted when the cash register is brand new. The following VAT rates apply to the cash register: VAT is not applied.															
04	Zero fiscal day (without operations) is being submitted after fiscal day No. 02. The following VAT rates apply to the cash register: 21.															
05	Fiscal day is being submitted after fiscal day No. 04, these documents were submitted between fiscal day documents: 01, 02. The following VAT rates apply to the cash register: 21.															
06	Fiscal day is being submitted after fiscal day No. 05, these documents were submitted between fiscal day documents: 03. The following VAT rates apply to the cash register: 21.															
07	Fiscal day is being submitted after fiscal day No. 06, these documents were submitted between fiscal day documents: 04, 05, 06. The following VAT rates apply to the cash register: 21.															
08	Fiscal day is being submitted after fiscal day No. 07, these documents were submitted between fiscal day documents: 07, 08, 09, 10. The following VAT rates apply to the cash register: 21.															
09	Fiscal day is being submitted after fiscal day No. 03, these documents were submitted between fiscal day documents: 12. The following VAT rates apply to the cash register: VAT is not applied.															
10	Fiscal day is being submitted after fiscal day No. 09, these documents were submitted between fiscal day documents: 13. The following VAT rates apply to the cash register: VAT is not applied.															
11	Fiscal day is being submitted after fiscal day No. 01, these documents were submitted between fiscal day documents: 14, 15, 16. The following VAT rates apply to the cash register: 21, 5.															
12	Fiscal day is being submitted after fiscal day No. 08, these documents were submitted between fiscal day documents: 18, 19, 20, 21. The following VAT rates apply to the cash register: 21.															
13	Fiscal day is being submitted after fiscal day No. 12, these documents were submitted between fiscal day documents: 22, 23. The following VAT rates apply to the cash register: 21.															
14	Fiscal day is being submitted after fiscal day No. 13, these documents were submitted between fiscal day documents: 24, 25, 26, 27. The following VAT rates apply to the cash register: 21.															
15	Fiscal day is being submitted after fiscal day No. 14, these documents were submitted between fiscal day documents: 31, 32, 33, 34. The following VAT rates apply to the cash register: 21.															
16	Fiscal day is being submitted after fiscal day No. 15, these documents were submitted between fiscal day documents: 35. The following VAT rates apply to the cash register: 21.															
Case No.	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Document type	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)	Fiscal day (fiscalDay)
documentFiscalAmounts																
salesOperationData																
totalSalesAmount																
totalSalesTaxAmount																
salesOperationTaxDetails																
salesOperationTaxLine																
taxRate																
taxAmount																
salesAmountAfterTax																
discountsAdditions																
totalSalesAmountWithoutDiscountAddition																
totalSalesDiscountQuantity																
totalSalesDiscountAmount																
totalSalesAdditionQuantity																
totalSalesAdditionAmount																
otherCashCollectionOperations																
otherCashCollectionOperation																
collectionDirection																
collectionType																
collectionAmount																
fiscalDayPayments																

No.	Case description																						
	totalAmountToPay						20	-10	0	30	0	1	40	104,04			-10	38	90		5		
	paymentDetails																						
	paymentDetail																						
	paymentType						1 (Cash)		1 (Cash)	1 (Cash)	2 (Deb. card)	2 (Deb. card)	1 (Cash)	6 (PSD komp.)	1 (Cash)	2 (Deb. card)	10 (Round off)		1 (Cash)	1 (Cash)	4 (Vouchers)	2 (Deb. card)	
	paidAmountNatCur						20		10	10	30	10	11	20	20	55,70	48,32	0,03		38	70	20	20
	paymentCurrency																						
	paidAmountPaymentCur																						
	exchangeRate																						
	payoutDetails																						
	payoutDetail																						
	payoutType						1 (Cash)	1 (Cash)	1 (Cash)	1 (Cash)	1 (Cash)			10 (Round off)			1 (Cash)				1 (Cash)		
	payoutAmountNatCur						10	10	10	10	10			0,01			10				15		
	payoutCurrency									USD	USD												
	payoutAmountPaymentCur									11	11												
	exchangeRate									1.1000	1.1000												
corrections																							
	correctionsQuantity																	4					
	correctionsAmount																	27					
cashBalanceDetails																							
	cashBalanceDetail																						
	cashCurrency		EUR	EUR	EUR	USD	EUR	EUR	EUR	EUR	EUR	EUR	USD	USD	EUR	EUR	EUR	EUR	EUR	EUR	EUR		
	cashAmount		0	0	0	100	0	20	10	10	10	0	89	0	78	20	65,70	55,70	93,70	163,70	148,70		
counters																							
	GTSales		0	121000	0	121000	121020	121020	121060	121090	0	1	40	121194,04			121204,04	121242,04	121312,04	121317,04			
	GTSalesTaxAmount		0	21000	0	21000	21003,48	21003,48	21010,43	21015,64	0	0	1,91	21033,70			21035,44	21042,03	21054,19	21055,06			
	GTBuying			10000		10000	10000	10000	10000	10000				10000			10020	10020	10020	10020			
fiscalDayTaxData																							
	lastTaxChangeDateTime		2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00	2022-04-06T 8:00:00+03:00			
	taxChangeNumber		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
fiscalDayTaxTables																							
	fiscalDayTaxTable																						
	taxRate		21	5	21		21	21	21	21	21			21	5	21	21	21	21	21			

9.4.10 Catalog of errors

Note: some errors are related to each other, e.g. if error that some data is missing in registry is found then it does not make sense to check other error that appropriate data has some property in this registry. Therefore the chains of verification are indicated in the list of related errors of elements and these chains define the priority of verification. The chains of verification are provided only if errors are related to each other.

The example of chain of verification: [1, 2] -> [3, 4] -> [5, 6]. According to this chain errors must be checked this way:

- Errors 1 and 2 are checked.
 - If at least one error is found, then other errors related to the element ([3, 4] -> [5, 6]) are not checked.
 - If no error is found, then errors 3 and 4 are checked:
 - If at least one error is found, then other errors related to the element ([5, 6]) are not checked.
 - If no error is found, then errors 5 and 6 are checked.

In some cases one element could have several chains of verification that are not related to each other. In this case each chain of verification is processed separately. E.g.: [11] -> [12]; [13] -> [14]. According to this chain errors must be checked this way:

- Error 11 is checked.
 - If error is found, then other errors of chain of verification ([12]) are not checked.
 - If error is not found, then error 12 is checked.
- Despite of checking results of chain of verification [11] -> [12], error 13 is checked.
 - If error is found, then other errors of chain of verification ([14]) are not checked.
 - If error is not found, then error 14 is checked.

Note: attribute "Should error be provided to controlling institutions?" is used in service EKA004 Data provision of cash registers that provides data to i.EKA and e-register of cash register operations.

Note: application area shall be defined for each error in catalog of errors and this property is used in error verification processes of document modification and related documents re-verification:

- "Common error" – the error is verified for documents which initial version was created from cash register that uses security module as well as documents which initial version was created from cash register that uses virtual fiscalization. This application area is applied to error if it is defined in EKA001 Catalog of errors as well as Virtual fiscalization Catalog of errors. Note: the application area of these errors shall be "Common error" though they are not defined in Virtual fiscalization Catalog of errors: 22006, 22007, 22008, 22009, 22014, 22015, 22016, 22017, 22021, 22022, 22023, 22024, 22026, 22027, 22028, 22029, 22032.
- "Error of cash registers that use security module" – the error is verified only for documents which initial version was created from cash register that uses security module. This application area is applied to error if it is defined in EKA001 Catalog of errors, but not defined in Virtual fiscalization Catalog of errors.

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
10000	SYSTEM_ERROR	System error. Please try again later.	-	-	A system error of unspecified type occurs.	Rejection error	Rejection error	No	No
10001	REQUEST_DENIED_SHORT_CHECK_STATE	The frequency of the method call has been exceeded, the method can only be called up to a maximum of \${MAXIMUM_NUMBER_OF_REQUESTS} times per \${TIME_DURATION} min.	{MAXIMUM_NUMBER_OF_REQUESTS} – the maximum number of requests of CheckState() method per defined time duration. {TIME_DURATION} – the time duration which limits the maximum number of requests of CheckState() method (min.).	Request (CheckStateRequest)	The CheckState() method invocation frequency has been exceeded, which is defined by the following parameters: <value>, <value>.	Rejection error	Rejection error	No	No
10002	REQUEST_DENIED_SHORT_STATE_HISTORY	The frequency of the method call has been exceeded, the method can only be called up to a maximum of \${MAXIMUM_NUMBER_OF_REQUESTS} times per \${TIME_DURATION} min.	{MAXIMUM_NUMBER_OF_REQUESTS} – the maximum number of requests of StateHistory() method per defined time duration. {TIME_DURATION} – the time duration which limits the maximum number of requests of StateHistory() method (min.).	Request (StateHistoryRequest)	The frequency of the StateHistory() method call has been exceeded, which is defined by the following parameters: <value>, <value>.	Rejection error	Rejection error	No	No
10003	REQUEST_DENIED_SHORT_GET_DOCUMENT_WITH_ERRORS	The frequency of the method call has been exceeded, the method can only be called up to a maximum of \${MAXIMUM_NUMBER_OF_REQUESTS} times per \${TIME_DURATION} min.	{MAXIMUM_NUMBER_OF_REQUESTS} – the maximum number of requests of GetDocumentsWithErrors() method (min.).	Request (GetDocumentsWithErrorsRequest)	The frequency of the GetDocumentsWithErrors() method call has been exceeded, which is defined by	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		REQUESTS} times per \${TIME_DURATION} min.	method per defined time duration. {TIME_DURATION} – the time duration which limits the maximum number of requests of GetDocumentsWithErrors() method (min.).		the following parameters: <value>.				
10004	SERVICE_NO_RESULTS_FOUNDED	No data was found according to the specified search criteria.	-	Request (CheckStateRequest, StateHistoryRequest, GetDocumentsWithErrorsRequest)	No data were found using the search criteria specified.	Warning	Warning	No	No
10005	IDENTICAL_DATA_ALREADY_PROVIDED	Identical data has already been provided.	-	Request (SubmitDocumentsRequest/requestNumber, SubmitFiscalDayRequest/requestNumber)	Based on the received requestNumber, the cash register has already submitted data to i.EKA	Rejection error	Rejection error	No	No
10006	INVALID_DOCUMENT_DATE_TIME_PERIOD	Invalid period to select i.EKA documents with errors. The period can't be longer than 1 month.	-	Request (GetDocumentsWithErrorsRequest/document DateTimePeriodStart, GetDocumentsWithErrorsRequest/document DateTimePeriodEnd)	The received documentDateTimePeriodStart - the received documentDateTimePeriodEnd > 1 month.	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
10008	DOCUMENT_LIMIT_REACHED	The number of documents with errors that are selected according to the specified search criteria is too high, therefore 1000 oldest documents by creation / update date are returned.	-	Request (GetDocumentsWithErrorsRequest)	More than 1000 documents with errors were found according to the specified search criteria.	Warning	Warning	No	No
10009	ERROR_LIMIT_REACHED	The number of operation or document errors is too high, therefore the maximum number of errors (10000) is returned.	-	Request (SubmitDocumentsRequest, SubmitFiscalDayRequest, CheckStateRequest, StateHistoryRequest, GetDocumentsWithErrorsRequest)	More than 9999 transaction or document errors found.	Warning	Warning	No	No
10010	TRANSPORT_CERTIFICATE_NOT_VALID	The transport certificate is not valid or certificate is not assigned to any cash register.	-	Request (SubmitDocumentsRequest, SubmitFiscalDayRequest, CheckStateRequest, StateHistoryRequest, GetDocumentsWithErrorsRequest)	The transport certificate was not valid on package upload date and time or certificate is not assigned to any cash register.	Rejection error	Rejection error	No	No
10011	REQUEST_NUMBER_DUPLICATE	There are several requests related to provided requestNumber. Please call	{TRACKING_NUMBER} – trackingNumber's that match the provided requestNumber.	Request (CheckStatesRequest/requestNumber,	There are several requests of cash register related to provided requestNumber.	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		by trackingNumber: \${TRACKING_NUMBER}.		StateHistoryRequest/requestNumber)					
10012	REQUEST_TIME_OUT	Request execution time is too long (\${TIMEOUT} s).	{TIMEOUT} – allowed execution time of request .	Request (SubmitDocumentsRequest, SubmitFiscalDayRequest, CheckStateRequest, StateHistoryRequest, GetDocumentsWithErrorsRequest)	Request was not completed within allowed time.	Rejection error	Rejection error	No	No
11000	FILE_INVALID_MIME_TYPE	Incorrect file type. XML file types are allowed.	-	File	The file type does not match the allowed type (XML).	Rejection error	Rejection error	No	No
11001	FILE_SIZE_LIMIT_EXCEEDED	The file size exceeds the maximum allowed.	-	File	The file size exceeds the allowed size.	Rejection error	Rejection error	No	No
11002	XSD_VALIDATION_FAILED	The file does not conform to the XML Structure Description (XSD). Please forward the error message to the programmers who developed the XML file formatting functionality you are using.	-	File	The file does not conform to the rules of the XML Structure Profile: structure, data format, binding.	Rejection error	Rejection error	No	No
11003	IDENTICAL_FILE_ALREADY_UPLOADED	Identical file was already uploaded.	-	File	According to binary hash identical file was already uploaded.	Rejection error	Rejection error	No	No
11004	ELEMENT_REQUIRED_BY_XSD_IS_EMPTY	Element that is required by XSD is empty.	-	File	Element that is required by XSD is empty.	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
11005	FILE_EMPTY	The file cannot be empty.	-	File	The file is empty.	Rejection error	Rejection error	No	No
11006	FILE_INVALID_ENCODING	A character not matching the encoding was found in the file.	-	File	A character not matching the encoding was found in the file.	Rejection error	Rejection error	No	No
11007	SYSTEM_ERROR_ON_UPLOAD	The file could not be uploaded. Please try again later.	-	File	A system file upload error of unspecified type occurs.	Rejection error	Rejection error	No	No
11008	DATETIME_FORMAT_INVALID	Date and time does not match the defined format: YYYY-MM-DDThh:mm:ssZ (e.g. 2022-11-13T13:13:13Z), YYYY-MM-DDThh:mm:ss.SSSZ (e.g. 2022-11-13T13:13:13.113Z), YYYY-MM-DDThh:mm:ss±hh:mm (e.g. 2022-11-13T13:13:13+02:00) or YYYY-MM-DDThh:mm:ss.SSS±hh:mm (e.g. 2022-11-13T13:13:13.113+02:00).	-	File	Invalid date and time format.	Rejection error	Rejection error	No	No
12002	CASH_REGISTER_NOT_VALID	The cash register is cancelled in the i.EKA CR Register.	-	packageHeader/cashRegisterRegistrationNo	The cash register status = "Cancelled" according to the cashRegisterRegistrationNo received.	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
12003	CASH_REGISTER_NOT_ASSIGNED_TO_TAX_PAYER1	Business entity identification No. does not match the user data of cash register that is provided in transport certificate.	-	packageHeader/registrationNumber	The received registrationNumber did not match the taxpayer code of cash register registration in i.EKA. Note: the cash register registration is selected according to the data that is provided in transport certificate (cashRegisterId).	Rejection error	Rejection error	No	No
12004	TRANSPORT_CERTIFICATE_NOT_ASSIGNED_TO_CASH_REGISTER	The value of "Cash registration unique No." does not match the data of cash register that is provided in the transport certificate. The following data shall be provided: \${CASH_REGISTER_REGISTRATION_NO}.	{CASH_REGISTER_REGISTRATION_NO} – cash register identification number that is selected according to the data that is provided in the transport certificate.	packageHeader/cashRegisterRegistrationNo	The received cashRegisterRegistrationNo does not match the identification number of cash register registration in i.EKA. Note: the cash register registration is selected according to the data that is provided in transport certificate (cashRegisterId).	Rejection error	Rejection error	No	No
12007	SECURITY_MODULE_NOT_ASSIGNED_TO_CASH_REGISTER	The value of "Security module identification No." does not match the data of security module of cash register that is provided in the transport certificate. The following data shall be provided:	{SECURITY_MODULE_REGISTRATION_NO} – security module identification number that is selected according to the data that is provided in the transport certificate.	packageHeader/securityModuleRegistrationNo	The received securityModuleRegistrationNo does not match the identification number of security module of cash register registration in i.EKA. Note: the cash register registration is selected	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		$\{SECURITY\_MODULE\_REGISTRATION\_NO\}$.			according to the data that is provided in transport certificate (cashRegisterId).				
12008	SECURITY_MODULE_REGISTRATION_NO_INFOBLOCK_MISMATCH	The value of "Security module identification No." does not match the value of "Security module identification number" in the information block of the document: $\{DOCUMENT\_NUMBER\}$. The data in the information block: $\{ASN\_SECURITY\_MODULE\_REGISTRATION\_NO\}$.	$\{DOCUMENT\_NUMBER\}$ – document identification number (documentInfoBlockCrypto/documentNumber). $\{ASN\_SECURITY\_MODULE\_REGISTRATION\_NO\}$ – value of security module identification number in the information block.	packageHeader/securityModuleRegistrationNo	The received securityModuleRegistrationNo data does not match the documentHeader/documentInfoBlockCrypto/securityModuleRegistrationNo data of the document(s) information block. The description of the information block data and the related elements of the i.EKA file is provided: Calculation and encryption of checksums. Note: the structure of the information block for fiscal receipt / fiscal day / non-fiscal documents is different. The formats of the information block and the related elements of the i.EKA file is also different. Note: securityModuleRegistrationNo is verified only with the documents which information block decryption was	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
12009	CERTIFICATE_NOT_VALID_OR_ASSIGNED_TO_SECURITY_MODULE	The certificate is not assigned to cash register registration or was not activated at time of "Date and time of document" of each document of the file.	-	packageHeader/certId	successful (i. e. that don't have error: 22032). The certificate that is selected by received certId was not activated for cash register registration. Note: the cash register registration is selected according to the data that is provided in transport certificate (cashRegisterId) for each document on documentHeader/documentDate date and time. I. e. document and certificate dates shall satisfy these conditions (if not satisfied – an error is returned): certID activation_date AND valid_from ≤ documentHeader/documentDateTime < certID cancellation_date AND ≤ certID valid_to. Note: if type of received document is fiscal day , then it is possible to sign it before	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					certificate of security module activation. I. e. fiscal day and certificate dates shall satisfy these conditions (if not satisfied – an error is returned): certID valid_from ≤ documentHeader/documentDateTime < certID cancellation_date AND ≤ certID valid_to.				
12011	VAT_REGISTRATION_NUMBER_NOT_VALID	The business entity that is selected according to the value of "Business entity VAT registration No." is not valid in the VAT register at time of "Date and time of document" of each document of the file.	-	packageHeader/VATRegistrationNumber	The VAT taxable person that is selected by received VATRegistrationNumber was not included in MMR group No. 12 or was not valid in the VAT register (KDT_KODAI). Note: the validity of the VAT payer is verified at the time specified in documentHeader/documentDateTime for each document.	Critical error	Rejection error	No	No
12012	VAT_REGISTRATION_NUMBER_NOT_ASSIGNED_TO_TAX_PAYER_IN_VR	"Business entity VAT registration No." is not assigned to the business entity in the VAT register at	-	packageHeader/VATRegistrationNumber	The taxpayer code selected from the VAT register based on the VATRegistrationNumber received did not match the	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		time of "File submission date".			registrationNumber received. Note: the VAT identification number validity is verified on package upload time.				
12013	MISSING_VAT_REGISTRATION_NUMBER_ELEMENT	The file metadata does not contain the data of "Business entity VAT registration No.", although there is a document that contains applied taxes.	-	packageHeader/VATRegistrationNumber	There is at least one document in the file with salesOperationData/totalSalesTaxAmount != "xs:nil = "true"" and no VATRegistrationNumber.	Warning	Warning	No	No
12014	INVALID_FILE_VERSION	Invalid value of "File version".	-	packageHeader/fileVersion	The received fileVersion does not match the XML Structure Description (XSD) version of the file.	Rejection error	Rejection error	No	No
21000	DOCUMENT_TIME_LATER_THAN_CURRENT_TIME	The time of "Date and time of document" can't be later than the time of "File submission date". Note: an error is detected in the first version of the document, but it persists in the later versions of the document as well, even if those versions no longer meet the condition of an error.	-	documentHeader/documentDateTime	Based on the received documentInfoBlockCrypto/documentNumber and packageHeader/cashRegisterRegistrationNo, no document was found in the i.EKA (i.e. the first version of the document is being provided), and the received documentDateTime <= package upload date and time - the time of the cash register	Critical error	Critical error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					submission in the CR register of the i.EKA <Display form i.EKA System Settings "#Security module allows for the duration (in hours) of signed receipts to be signed and not transmitted to the i.EKA system Initial value: 72 hours> (i.e. the transmitted document is older than the cash register set accordingly). Note: the cash register shall be selected on the basis of the cashRegisterRegistrationNo received. It should be appreciated that the new cash register data submission time only starts to apply to economic transactions executed from the time of the modification action. For transactions that occurred earlier, the previous reporting time applies. The time change from summertime to winter				



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					time must also be taken into account in the verification. Note: if an error is identified, it should persist in subsequent versions of the document, even if those versions no longer meet the error condition.				
21001	CASH_REGISTER_DOCUMENT_UPLOAD_TIME_EXCEEDED	The limit of document upload time has been exceeded. The documents must be uploaded within the time limit that is permitted to the cash register according to i.EKA CR cryptogram / i.EKA settings: \${RECEIPTS_TO_SIGN_AND_NOT_TRANSFER_DURATION_IN_HOURS} hours. Note: an error is detected in the first version of the document, but it persists in the later versions of the document as well, even if those versions no longer meet the condition of an error.	{RECEIPTS_TO_SIGN_AND_NOT_TRANSFER_DURATION_IN_HOURS} – the smaller value of these values is used: 1) the permitted document upload time of CR according to cryptogram that was valid at documentDateTime time, 2) the permitted document upload time parameter of i.EKA setting that was valid at documentDateTime time.	documentHeader/documentDateTime	Based on the received documentInfoBlockCrypto/documentNumber and packageHeader/cashRegisterRegistrationNo, no document was found in the i.EKA (i.e. the first version of the document is being provided), and the received documentDateTime < (package upload date and time - document provision time of cash register according to i.EKA cryptogram <Display form i.EKA System Settings "#Security module allows for the duration (in hours) of signed receipts to be signed and not transmitted	Warning	Warning	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					to the i.EKA system Initial value: 72 hours> (i.e. the provided document must not be older than it was set according to i.EKA cryptogram that was valid at documentDateTime time)). Note: the cash register shall be selected based on the cashRegisterRegistrationNo received. For documents that were created earlier other document provision time shall be used according to i.EKA cryptogram that was valid at documentDateTime time. The time change from summertime to wintertime must also be taken into account in the verification. Note: if an error is identified, it should persist in subsequent versions of the document, even if those versions no longer meet the error condition.				

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
21002	DOCUMENT_TIME_EARLIER_THAN_LAST_DOCUMENT_TIME	The time of "Date and time of document" must be later than the time of "Date and time of document" of the previous document.	-	documentHeader/documentDateTime	i.EKA found a former document and received documentDateTime <= documentDateTime of the former document (i.e. the date and time of the document operation must be later than the operation date and time of the former document). Note: the former document shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and from package documents that are not rejected (the document with documentInfoBlockCrypto/documentNumber exactly one number less than the received documentInfoBlockCrypto/documentNumber shall be taken). The time change from daylight saving time to	Critical error	Rejection error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					standard time shall also be considered in the check.				
21003	DOCUMENT_CORRECTION_PERIOD_EXCEEDED	The limit of document correction period has been exceeded. Documents can be corrected within the period of \${DOCUMENT_ALLOWED_REVISION_PERIOD_IN_MINUTE S} years.	{DOCUMENT_ALLOWED_REVISION_PERIOD_IN_MINUTE S} – permitted document correction period in years. Documents are not accepted when the period is over.	documentHeader/documentDateTime	The received documentDateTime < (year from package upload date - available document revision period <value >)-01-01-01 00:00:00. The time change from summer to wintertime shall also be considered in the check.	Rejection error	Rejection error	No	No
21004	DOCUMENTS_CHAIN_ERROR	Document that has the value of "Document identification number" exactly one number lower than the received value of "Document identification number" is not found (i.e. the numbers must be consecutive and must not be skipped).	-	documentInfoBlockCrypto/documentNumber	The document that has documentInfoBlockCrypto/documentNumber < received documentInfoBlockCrypto/documentNumber is found (i.e. the received document is not the first cash register document), but the document that has documentInfoBlockCrypto/documentNumber exactly one number lower than the received documentInfoBlockCrypto/documentNumber is not found (i.e. the numbers must be	Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					consecutive and must not be skipped). Note: documents shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegisterRegistrationNo and from package documents that are not rejected.				
21005	FIRST_RECEIPT_PREVIOUS_DOCUMENTHASH_ERROR	The values of "Document hash" and "Previous document hash" in the first fiscal receipt must be identical.	-	documentHeader/previousDocumentHash	The received document type = Fiscal receipt (receipt) and the document with type = Fiscal receipt (receipt) and documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber is not found (i.e. the received document is the first cash register fiscal receipt) and the received previousDocumentHash does not match the received documentHash. Note: the document shall be selected from the documents stored in i.EKA based on the received	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
21006	RECEIPT_PREVIOUS_DOCUMENTHASH_MISMATCH	The value of "Previous document hash" must be identical to the value of "Document hash" in the previous fiscal receipt.	-	documentHeader/previousDocumentHash	packageHeader/cashRegister RegistrationNo and from package documents that are not rejected. The received document type = Fiscal receipt (receipt) and former fiscal receipt is found and the received previousDocumentHash does not match the documentHash of the former fiscal receipt. Note: the former fiscal receipt shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and from package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber, with documentInfoBlockCrypto/documentNumber < received documentInfoBlockCrypto/documentNumber and document type = Fiscal	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					receipt (receipt) shall be taken).				
21007	FIRST_FISCALDAY_PREVIOUS_DOCUMENTHASH_ERROR	The values of "Document hash" and "Previous document hash" in the first fiscal day must be identical.	-	documentHeader/previousDocumentHash	The received document type = Fiscal day (fiscalDay) and the document with type = Fiscal day (fiscalDay) and documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber is not found (i.e. the received document is the first cash register fiscal day) and the received previousDocumentHash does not match the received documentHash. Note: the document shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and from package documents that are not rejected.	Critical error	Critical error	No	No
21008	FISCALDAY_PREVIOUS_DOCUMENTHASH_MISMATCH	The value of "Previous document hash" must be identical to the value of	-	documentHeader/previousDocumentHash	The received document type = Fiscal day (fiscalDay) and former fiscal day is found and	Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		"Document hash" in the previous fiscal day.			the received previousDocumentHash does not match the documentHash of the former fiscal day. Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and from package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber is taken, with the documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber, and the documentType = Fiscal day (fiscalDay)).				
21009	FIRST_NONFISCALDOCUMENT_PREVIOUS_DOCUMENT_HASH_ERROR	The values of "Document hash" and "Previous document hash" in the first	-	documentHeader/previousDocumentHash	The received document type != (Fiscal receipt (receipt) or Fiscal day (fiscalDay)) and the document with type != Fiscal	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		non-fiscal document must be identical.			receipt (receipt) or Fiscal day (fiscalDay) and documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber is not found (i.e. the received document is the first cash register non-fiscal document) and the received previousDocumentHash is not equal to the received documentHash. Note: the document shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegisterRegistrationNo and from package documents that are not rejected.				
21010	NONFISCALDOCUMENT_PREVIOUS_DOCUMENTHASH_MISMATCH	The value of "Previous document hash" must be identical to the value of "Document hash" in the previous non-fiscal document.	-	documentHeader/previousDocumentHash	The received document type != (Fiscal receipt (receipt) or Fiscal day (fiscalDay)) and former non-fiscal document is found and the received previousDocumentHash does	Critical error	Rejection error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					not match the documentHash of the former non-fiscal receipt. Note: the former non-fiscal document shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegisterRegistrationNo and from package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber, with documentInfoBlockCrypto/documentNumber < received documentInfoBlockCrypto/documentNumber, and with the documentType != Fiscal receipt (receipt) or Fiscal day (fiscalDay))) is taken.				
21011	DOCUMENT_SIGNATURE_VERIFICATION_FAILED	The verification of the data of "Document signature" with the decrypted data of document information block failed.	-	documentHeader/documentSignature	The verification of the received documentSignature according to the received public key certificate packageHeader/certId of security module of cash	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					register with the private key of the VMI decrypted by the received documentInfoBlockCrypto data failed.				
21012	MISSING_DOCUMENT_CODE_ELEMENT	The data of "Document code" is missing. It is mandatory to provide it in fiscal receipts and pre-order documents.	-	documentHeader/documentCode	Type of document received = (Fiscal receipt (receipt) or Pre-order document (preOrderDocument)) and documentCode is not filled in.	Critical error	Rejection error	No	No
21013	DOCUMENT_CODE_MISMATCH	The value of "Document code" does not match the data of "Document signature" that is encrypted with the AES symmetric key of the security module and converted to readable form that is printed in the receipt.	-	documentHeader/documentCode	The received documentCode does not match the received documentSignature, encrypted with the AES symmetric key of the security module and converted to readable form that is printed in receipt.	Critical error	Rejection error	No	No
21015	MISSING_CORRECTION_REASON_ELEMENT	The value of "Document correction reason" is missing. It is mandatory to provide it in the second or later version of the document.	-	documentHeader/correctionReason	Based on the received documentInfoBlockCrypto/documentNumber and packageHeader/cashRegisterRegistrationNo, document in i.EKA was found (i.e. a document with the same number has already been saved in i.EKA) and no	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					correctionReason was provided.				
21016	MISMATCHED_CORRECTION_REASON_ELEMENT	The data of "Document correction reason" is provided in the document. It shall not be provided in the first version of the document.	-	documentHeader/correctionReason	Based on the received documentInfoBlockCrypto/documentNumber and packageHeader/cashRegisterRegistrationNo, document in i.EKA was not found (i.e. the first version of the document is being provided) and correctionReason was provided.	Warning	Warning	No	No
21017	CORRECTION_REASON_INVALID	The value of "Document correction reason" must be at least 4 characters long.	-	documentHeader/correctionReason	The length of the received correctionReason is < 4 characters.	Warning	Warning	No	No
21019	DOCUMENT_NUMBER_DUPLICATE	The document with identical value of "Document identification number" is already provided in the file. Document identification number must be unique in the file.	-	documentInfoBlockCrypto/documentNumber	Other document with the same documentInfoBlockCrypto/documentNumber is found in the same package.	Rejection error	Rejection error	No	No
21021	CASH_REGISTER_NOT_VALID_ON_DOCUMENT_TIME	The status of the cash register was not valid on the time of "Date and time of	-	packageHeader/documentDateTime	The cash register status = "Suspended", "Submitted to register", "Deregistered"	Critical error	Critical error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		document" in the i.EKA CR Register.			according to the cashRegisterRegistrationNo received. Note: the cash register status is verified on documentHeader/documentDateTime date and time.				
21022	INVALID_CASH_REGISTER_REGISTRATION	It is forbidden to change the document if it does not belong to the current registration of cash register.	-	documentInfoBlockCrypto/documentNumber	According to the received documentInfoBlockCrypto/documentNumber and packageHeader/cashRegisterRegistrationNo document in i.EKA was found (i.e, the second or later version of document is being provided) and registration of cash register that is related to document is not current. Note: this error is not verified if version of document is being provided through user interface.	Rejection error	Rejection error	No	No
22000	DOCUMENT_INFOBLOCK_CHANGE_DETECTED	The information block does not match the information block of the first version of the document. It is forbidden to change the data of the information block.	-	documentHeader/documentInfoBlockCrypto	Based on the received documentInfoBlockCrypto/documentNumber and packageHeader/cashRegisterRegistrationNo a document was found in i.EKA (i.e. a	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					document with the same number has already been saved in i.EKA) and the received information block does not match the information block of the first saved version of the document (i.e. the data in the information block cannot be modified).				
22002	CURRENT_DOCUMENT_NUMBER_INFOBLOCK_MISMATCH	The value of "Document identification number" does not match the corresponding data in the information block. The data in the information block: \${DOCUMENT_NUMBER}.	{DOCUMENT_NUMBER} – the value of document identification number in the information block.	documentHeader/documentInfoBlockCrypto/documentNumber	The data in the received information block does not match the corresponding fields in the document. The description of the information block data and the related elements of the i.EKA file is provided: Calculation and encryption of checksums. Note: the structure of the information block for fiscal receipt / fiscal day / non-fiscal documents is different. The formats of the information block and the related elements of the i.EKA file is also different.	Critical error	Critical error	No	No
22003	CURRENT_DOCUMENT_TYPE_INFOBLOCK_MISMATCH	Document type: \${DOCUMENT_TYPE_NAME} that is provided in the structure does not match the data of "Document type" in the information block. The data in the information block: \${DOCUMENT_TYPE}. Note: if "Document type" = 0 (Fiscal receipt), then Fiscal	{DOCUMENT_TYPE_NAME} – the name of document type, e.g. Fiscal receipt. {DOCUMENT_TYPE} – the value of document type in the information block.	documentHeader/documentInfoBlockCrypto/documentType		Critical error	Critical error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		receipt must be provided, if "Document type" = 1 (Fiscal day), then Fiscal day must be provided, if "Document type" = 2, then one of these documents must be provided: Non-fiscal receipt, Non-fiscal cash collection and withdrawal receipt, Non-fiscal receipt of maintenance or repair operations of cash register, Non-fiscal document of fiscal receipt cancelation, Non-fiscal tax change document, Non-fiscal technical refueling receipt, Pre-order document, Non-fiscal good return and (or) service refusal document, Non-fiscal other payment / disbursement operations receipt, Non-fiscal information transfer violation receipt.							
22004	CURRENT_RECEIPT_NUMBER_INFOBLOCK_MISMATCH	The value of "Receipt number in fiscal day" does not match the corresponding	{RECEIPT_NUMBER_IN_FISCAL_DAY} – the value of	documentHeader/documentInfoBlockCrypto/r		Critical error	Critical error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		data in the information block. The data in the information block: \${RECEIPT_NUMBER_IN_FISCAL_DAY}.	receipt number in fiscal day in the information block.	eceiptNumberInFiscalDay					
22005	CURRENT_DOCUMENT_TIME_INFOBLOCK_MISMATCH	The value of "Date and time of document" does not match the corresponding data in the information block. The data in the information block: \${DOCUMENT_DATE_TIME}.	{DOCUMENT_DATE_TIME} – the value of date and time of the document in the information block.	documentHeader/documentInfoBlockCrypto/documentDateTime		Critical error	Critical error	No	No
22006	CURRENT_TOTAL_SALES_TAX_AMOUNT_INFOBLOCK_MISMATCH	The value of "Total sales tax amount, EUR" does not match the value of "Total sales tax amount, cents" in the information block. The data in the information block: \${TOTAL_SALES_TAX_AMOUNT}.	{TOTAL_SALES_TAX_AMOUNT} – the value of total sales tax amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/totalSalesTaxAmount. Note: if IB totalSalesTaxAmount = 0, then salesOperationData/totalSalesTaxAmount matches IB data both when its value is "0" and when its value is not provided.		Critical error	Critical error	No	No
22007	CURRENT_TOTAL_SALES_AMOUNT_INFOBLOCK_MISMATCH	The value of "Total sales amount, EUR" does not match the value of "Total	{TOTAL_SALES_AMOUNT} – the value of total sales amount including taxes,	documentHeader/documentInfoBlockCrypto/totalSalesAmount. Note:		Critical error	Critical error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		sales amount including taxes, cents" in the information block. The data in the information block: \${TOTAL_SALES_AMOUNT}.	cents in the information block.	if IB totalSalesAmount = 0, then salesOperationData/totalSalesAmount matches IB data both when its value is "0" and when its value is not provided.					
22008	CURRENT_COLLECTION_AMOUNT_INFOBLOCK_MISMATCH1	The total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payout operations and "Collection type": 3 (Purchase) does not match the value of "Total payout amount, cents" in the information block. The data in the information block: \${TOTAL_PAYOUT_AMOUNT}.	{TOTAL_PAYOUT_AMOUNT} – the value of total payout amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/totalPayoutAmount		Critical error	Critical error	No	No
22009	CURRENT_COLLECTION_AMOUNT_INFOBLOCK_MISMATCH2	Other cash collection operation with "Collection direction": Payout operations and "Collection type": 3 (Purchase) is provided in the document,	{TOTAL_PAYOUT_AMOUNT} – the value of total payout amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/totalPayoutAmount		Critical error	Critical error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		although the value of "Total payout amount, cents" is 0 in the information block. The data in the information block: \${TOTAL_PAYOUT_AMOUNT}.							
22010	DOCUMENTHASH_INFOBLOCK_MISMATCH	The value of "Document hash" does not match the corresponding data in the information block. The data in the information block: \${DOCUMENT_HASH}.	{DOCUMENT_HASH} – the value of document hash in the information block.	documentHeader/documentInfoBlockCrypto/documentHash		Critical error	Critical error	No	No
22011	LAST_DOCUMENT_NUMBER_INFOBLOCK_MISMATCH	The value of "Document identification number" in the previous same type document does not match the value of "Document hash of previous document" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_NUMBER}.	{PREVIOUS_DOCUMENT_NUMBER} – the value of document hash of previous document in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentNumber. Note: if IB previousDocumentNumber = 0, then the error is identified, if previous same type document is found: fiscal receipt, fiscal day or non-fiscal document.		Critical error	Critical error	No	Yes
22012	LAST_RECEIPT_NUMBER_IN_FOBLOCK_MISMATCH	The value of "Receipt number in fiscal day" in the	{PREVIOUS_DOCUMENT_RECEIPT_NUMBER_IN_FISCAL_	documentHeader/documentInfoBlockCrypto/p		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		previous fiscal receipt does not match the value of "Previous receipt number in fiscal day" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_RECEIPT_NUMBER_IN_FISCAL_DAY}.	DAY} – the value of previous receipt number in fiscal day in the information block.	previousDocumentReceiptNumberInFiscalDay. Note: if IB previousDocumentReceiptNumberInFiscalDay = 0, then the error is identified, if previous fiscal receipt is found.					
22013	LAST_DOCUMENT_TIME_IN_FOBLOCK_MISMATCH	The value of "Date and time of document" in the previous same type document does not match the value of date and time of previous document in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_DOCUMENT_DATE_TIME}.	{PREVIOUS_DOCUMENT_DOCUMENT_DATE_TIME} – the value of date and time of previous document in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentDocumentDateTime. Note: if IB previousDocumentDocumentDateTime = 0, then the error is identified, if previous document of the same kind is found: fiscal receipt, fiscal day or non-fiscal document.		Critical error	Critical error	No	Yes
22014	LAST_TOTAL_SALES_TAX_AMOUNT_INFOBLOCK_MISMATCH1	The value of "Total sales tax amount, EUR" in the previous fiscal receipt does not match the value of "Total sales tax amount of previous	{PREVIOUS_DOCUMENT_TOTAL_SALES_TAX_AMOUNT} – the value of total sales tax amount of previous	documentHeader/documentInfoBlockCrypto/previousDocumentTotalSalesTaxAmount. Note: if IB		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		document, cents" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_SALES_TAX_AMOUNT}.	document, cents in the information block.	previousDocumentTotalSalesTaxAmount = 0, then salesOperationData/totalSalesTaxAmount matches IB data both when its value is "0" and when its value is not provided.					
22015	LAST_TOTAL_SALES_AMOUNT_INFOBLOCK_MISMATCH1	The value of "Total sales amount, EUR" in the previous fiscal receipt does not match the value of "Total sales amount including taxes of previous document, cents" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_SALES_AMOUNT}.	{PREVIOUS_DOCUMENT_TOTAL_SALES_AMOUNT} – the value of total sales amount including taxes of previous document, cents in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentTotalSalesAmount. Note: if IB previousDocumentTotalSalesAmount = 0, then salesOperationData/totalSalesAmount matches IB data both when its value is "0" and when its value is not provided.		Critical error	Critical error	No	Yes
22016	LAST_COLLECTION_AMOUNT_INFOBLOCK_MISMATCH1	The total value of "Collection amount, EUR" of other cash collection operations with "Collection direction":	{PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT} – the value of total payout amount of previous	documentHeader/documentInfoBlockCrypto/previousDocumentTotalPayoutAmount		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		Payout operations and "Collection type": 3 (Purchase) in the previous fiscal receipt does not match the value of "Total payout amount of previous document, cents" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT}.	document, cents in the information block.						
22017	LAST_COLLECTION_AMOUNT_INFOBLOCK_MISMATCH2	Other cash collection operation with "Collection direction": Payout operations and "Collection type": 3 (Purchase) is provided in the previous fiscal receipt, although the value of "Total payout amount of previous document, cents" is 0 in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT}.	{PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT} – the value of total payout amount of previous document, cents in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentTotalPayoutAmount		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
22018	PREVIOUS_DOCUMENTHASH_INFOBLOCK_MISMATCH1	The value of "Previous document hash" does not match the value of "Document hash of previous document" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_HASH}.	{PREVIOUS_DOCUMENT_HASH} – the value document hash of previous document in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentHash		Critical error	Critical error	No	No
22019	CURRENT_FISCALDAY_NUMBER_INFOBLOCK_MISMATCH	The value of "Fiscal day number" does not match the value of "Current fiscal day number" in the information block. The data in the information block: \${FISCAL_DAY_NUMBER}.	{FISCAL_DAY_NUMBER} – the value of current fiscal day number in the information block.	documentHeader/documentInfoBlockCrypto/fiscalDayNumber		Critical error	Critical error	No	No
22020	LAST_FISCALDAY_NUMBER_INFOBLOCK_MISMATCH	The value of "Fiscal day number" in the previous fiscal day does not match the value of "Previous fiscal day number" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_FISCAL_DAY_NUMBER}.	{PREVIOUS_DOCUMENT_FISCAL_DAY_NUMBER} – the value of previous fiscal day number in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentFiscalDayNumber		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
22021	LAST_TOTAL_SALES_TAX_AMOUNT_INFOBLOCK_MISMATCH2	The value of "Total sales tax amount, EUR" in the previous fiscal day does not match the value of "Total sales tax amount of previous document, cents" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_SALES_TAX_AMOUNT}.	{PREVIOUS_DOCUMENT_TOTAL_SALES_TAX_AMOUNT} – the value of total sales tax amount of previous document, cents in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentTotalSalesTaxAmount. Note: if IB previousDocumentTotalSalesTaxAmount = 0, then salesOperationData/totalSalesTaxAmount matches IB data both when its value is "0" and when its value is not provided.		Critical error	Critical error	No	Yes
22022	LAST_TOTAL_SALES_AMOUNT_INFOBLOCK_MISMATCH2	The value of "Total sales amount, EUR" in the previous fiscal day does not match the value of "Total sales amount including taxes of previous document, cents" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_SALES_AMOUNT}.	{PREVIOUS_DOCUMENT_TOTAL_SALES_AMOUNT} – the value of total sales amount including taxes of previous document, cents in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentTotalSalesAmount. Note: if IB previousDocumentTotalSalesAmount = 0, then salesOperationData/totalSalesAmount matches IB data both when its value is "0" and when		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
				its value is not provided.					
22023	LAST_COLLECTION_AMOUNT_INFOBLOCK_MISMATCH3	The total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payout operations and "Collection type": 3 (Purchase) in the previous fiscal day does not match the value of "Total payout amount of previous document, cents" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT}.	{PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT} – the value of total payout amount of previous document, cents in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentTotalPayoutAmount		Critical error	Critical error	No	Yes
22024	LAST_COLLECTION_AMOUNT_INFOBLOCK_MISMATCH4	Other cash collection operation with "Collection direction": Payout operations and "Collection type": 3 (Purchase) is provided in the previous fiscal day, although the value of "Total payout amount of previous document, cents" is 0 in the information block.	{PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT} – the value of total payout amount of previous document, cents in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentTotalPayoutAmount		Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		The data in the information block: \${PREVIOUS_DOCUMENT_TOTAL_PAYOUT_AMOUNT}.							
22026	CURRENT_DOCUMENT_GT_SALES_INFOBLOCK_MISMATCH	The value of "Global total sales amount" does not match the value of "Global total sales amount, cents" in the information block. The data in the information block: \${GT_SALES}.	{GT_SALES} – the value of global total sales amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/gtSales		Critical error	Critical error	No	No
22027	CURRENT_DOCUMENT_GT_SALES_TAX_AMOUNT_INFOBLOCK_MISMATCH	The value of "Global total sales tax amount" does not match the value of "Global total sales tax amount, cents" in the information block. The data in the information block: \${GT_SALES_TAX_AMOUNT}.	{GT_SALES_TAX_AMOUNT} – the value of global total sales tax amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/gtSalesTaxAmount		Critical error	Critical error	No	No
22028	CURRENT_DOCUMENT_GT_BUYING_INFOBLOCK_MISMATCH1	The value of "Global total payout amount" does not match the value of "Global total payout amount, cents" in the information block. The data in the information block: \${GT_BUYING}.	{GT_BUYING} – the value of global total payout amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/gtBuying		Critical error	Critical error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
22029	CURRENT_DOCUMENT_GT_BUYING_INFOBLOCK_MISMATCH2	The data of "Global total payout amount" is provided in the document although the value of "Global total payout amount, cents" is 0 in the information block. The data in the information block: \${GT_BUYING}.	{GT_BUYING} – the value of global total payout amount, cents in the information block.	documentHeader/documentInfoBlockCrypto/gtBuying		Critical error	Critical error	No	No
22030	CURRENT_NONFISCALDOCUMENT_NUMBER_INFOBLOCK_MISMATCH	The value of "Non-fiscal receipt number in fiscal day" does not match the corresponding data in the information block. The data in the information block: \${NON_FISCAL_DOCUMENT_NUMBER_IN_FISCAL_DAY}.	{NON_FISCAL_DOCUMENT_NUMBER_IN_FISCAL_DAY} – the value of non-fiscal receipt number in fiscal day in the information block.	documentHeader/documentInfoBlockCrypto/nonFiscalDocumentNumberInFiscalDay		Critical error	Critical error	No	No
22031	LAST_NONFISCALDOCUMENT_NUMBER_INFOBLOCK_MISMATCH	The value of "Non-fiscal receipt number in fiscal day" in the previous non-fiscal document does not match the value of "Previous non-fiscal receipt number in fiscal day" in the information block. The data in the information block: \${PREVIOUS_DOCUMENT_NUMBER_IN_FISCAL_DAY}.	{PREVIOUS_DOCUMENT_NUMBER_IN_FISCAL_DAY} – the value of previous non-fiscal receipt number in fiscal day in the information block.	documentHeader/documentInfoBlockCrypto/previousDocumentNumberInFiscalDay		Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
22032	DOCUMENT_INFOBLOCK_DECRYPTION_FAILED	Document information block data decryption failed.	-	documentHeader/documentInfoBlockCrypto	The received documentInfoBlockCrypto data decryption with VMI private key that was valid at package upload date and time failed.	Rejection error	Rejection error	No	No
22033	RECEIPT_STRUCTURE_INFOBLOCK_MISMATCH	Document type: Fiscal receipt is specified in the structure, however the information block does not match the data structure of fiscal receipt.	-	documentHeader/documentInfoBlockCrypto	The received element is document/receipt and the received information block structure does not match the receipt data structure. Note: information block matches the receipt data structure if these and only these elements are provided: - securityModuleRegistrationNo. - documentNumber. - documentType. - receiptNumberInFiscalDay. - documentDateTime. - totalSalesTaxAmount. - totalSalesAmount. - totalPayoutAmount. - documentHash.	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					- previousDocumentNumber. - previousDocumentReceiptNumberInFiscalDay. - previousDocumentDocumentDateTime. - previousDocumentTotalSalesTaxAmount. - previousDocumentTotalSalesAmount. - previousDocumentTotalPayoutAmount. - previousDocumentHash.				
22034	FISCALDAY_STRUCTURE_INFORMATION_BLOCK_MISMATCH	Document type: Fiscal day is specified in the structure, however the information block does not match the data structure of fiscal day.	-	documentHeader/documentInfoBlockCrypto	The received element is document/fiscalDay and the received information block structure does not match the fiscal day data structure. Note: information block matches the fiscal day data structure if these and only these elements are provided: - securityModuleRegistrationNo. - documentNumber.	Rejection error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					• documentType. • fiscalDayNumber. • documentDateTime. • totalSalesTaxAmount. • totalSalesAmount. • totalPayoutAmount. • documentHash. • previousDocumentNumber. • previousDocumentFiscalDayNumber. • previousDocumentDocumentDateTime. • previousDocumentTotalSalesTaxAmount. • previousDocumentTotalSalesAmount. • previousDocumentTotalPayoutAmount. • previousDocumentHash. • gtSales. • gtSalesTaxAmount. • gtBuying.				



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
22035	NONFISCALDOCUMENT_STRUCTURE_INFOBLOCK_MISMATCH	Document type: \${DOCUMENT_TYPE_NAME} is specified in the structure, however the information block does not match the data structure of non-fiscal document.	{DOCUMENT_TYPE_NAME} – the name of document type, e.g. Pre-order document.	documentHeader/documentInfoBlockCrypto	The received element is one of these elements: document/nonFiscalDocument, document/nonFiscalCollectionDocument, document/nonFiscalPIMaintenanceDocument, document/nonFiscalCancellationDocument, document/nonFiscalTaxChangeDocument, document/nonFiscalTechnicalRefuelingDocument, document/preOrderDocument, document/nonFiscalReturnDocument, document/nonFiscalFinancialDocument, document/gasStationOperationViolationDocument and the received information block structure does not match the non-fiscal document data structure. Note: information block	Rejection error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					matches the non-fiscal document data structure if these and only these elements are provided: - securityModuleRegistrationNo. - documentNumber. - documentType. - nonFiscalDocumentNumberInFiscalDay. - documentDateTime. - documentHash. - previousDocumentNumber. - previousDocumentNumberInFiscalDay. - previousDocumentDocumentDateTime. - previousDocumentHash.				
23000	MISSING_LINKED_DOCUMENT	The linked document is not found.	-	linkedDocumentNumbers/linkedDocumentNumber	Based on the received linkedDocumentNumber and packageHeader/cashRegisterRegistrationNo document is not found in i.EKA and among package documents that are	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					not rejected. Note: the received linkedDocumentNumber shall be selected by documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected.				
23001	LINKED_DOCUMENT_TO_SELF	The document is linked to itself.	-	linkedDocumentNumbers/linkedDocumentNumber	The received linkedDocumentNumber = the received documentInfoBlockCrypto/documentNumber (i.e. link to the same document id being provided).	Critical error	Rejection error	No	No
23002	INVALID_LINKED_DOCUMENT_NUMBER	The linked document has a higher document identification number than the provided document. Only older documents can be linked.	-	linkedDocumentNumbers/linkedDocumentNumber	The received linkedDocumentNumber > the received documentInfoBlockCrypto/documentNumber (i.e. the linked document number is greater than the received document number).	Critical error	Rejection error	No	No
23003	INVALID_LINKED_DOCUMENT_TYPE1	The linked document type is invalid. Document types that	-	linkedDocumentNumbers/linkedDocumentNumber	The received document type = Fiscal receipt (receipt) and the i.EKA document / package	Critical error	Rejection error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		can be linked to a fiscal receipt: Pre-order document.			document that is not rejected type selected by linkedDocumentNumber and packageHeader/cashRegister RegistrationNo is not in the defined set of possible linked document types for a fiscal receipt: Pre-order document (preOrderDocument). Note: the received linkedDocumentNumber shall be checked with the documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected.				
23004	INVALID_LINKED_DOCUMENT_TYPE2	The linked document type is invalid. Document types that can be linked to a fiscal day: Non-fiscal tax change document, Non-fiscal technical refueling receipt, Pre-order document, Non-fiscal information transfer violation receipt.	-	linkedDocumentNumbers/linkedDocumentNumber	The document type = Fiscal day (fiscalDay) and the i.EKA document / package document that is not rejected type selected by linkedDocumentNumber and packageHeader/cashRegister RegistrationNo is not from the defined set of possible linked document types in	Critical error	Rejection error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					fiscal day: Non-fiscal tax change document (nonFiscalTaxChangeDocument), Non-fiscal technical refueling receipt (nonFiscalTechnicalRefuelingDocument), Pre-order document (preOrderDocument), Non-fiscal information transfer violation receipt (gasStationOperationViolationDocument). Note: the received linkedDocumentNumber shall be checked with the documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected.				
23005	INVALID_LINKED_DOCUMENT_FISCALDAY_NUMBER	The linked document is related to other fiscal day. Only documents from the same fiscal day can be linked.	-	linkedDocumentNumbers/linkedDocumentNumber	The received document type = Fiscal day (fiscalDay) and the specificDocumentTypeNumber/fiscalDayNumber of the selected i.EKA document /	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					package document that is not rejected based on the received linkedDocumentNumber and the packageHeader/cashRegisterRegistrationNo does not match the specificDocumentTypeNumber/fiscalDayNumber of the received document (i.e. a reference to the document of another fiscal day is provided). Note: the received linkedDocumentNumber shall be checked with the documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected.				
23100	FISCALDAY_CHAIN_ERROR	Fiscal day that has the value of "Fiscal day number" exactly one number lower than the received value of "Fiscal day number" is not found (i.e. the numbers must	-	specificDocumentTypeNumber/fiscalDayNumber	The former fiscal day is found and the received fiscalDayNumber does not meet the condition that it must be exactly one number higher than the	Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		be consecutive and must not be skipped).			fiscalDayNumber of the document of the former fiscal day (i.e. the numbers must be consecutive and must not be skipped). Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber, with documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber and document type = Fiscal day (fiscalDay)). Note: this error is verified for all types of documents, not only fiscal day.				



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
23101	FISCALDAY_NUMBER_DUPLICATE	The document with identical value of "Fiscal day number", but different value of "Document identification number" is found. Fiscal day number must be unique.	-	specificDocumentType Number/fiscalDayNumber	Document type = Fiscal day (fiscalDay) and document is found in iEKA or among package documents that are not rejected based on the received fiscalDayNumber and packageHeader/cashRegister RegistrationNo so that documentInfoBlockCrypto/documentNumber != the received documentInfoBlockCrypto/documentNumber received (i.e. the document with the same fiscal day number, but a different document number is already stored in i.EKA or is processed in a file).	Critical error	Rejection error	No	No
23102	MISSING_RECEIPT_NUMBER_IN_FISCAL_DAY	The fiscal receipt is provided, however the data of "Receipt number in fiscal day" is missing.	-	specificDocumentType Number/receiptNumberInFiscalDay	Receipt type = Fiscal receipt (receipt) and receiptNumberInFiscalDay is not filled.	Critical error	Rejection error	No	No
23103	REDUNDANT_RECEIPT_NUMBER_IN_FISCAL_DAY	The data of "Receipt number in fiscal day" is provided in the document. It can be	-	specificDocumentType Number/receiptNumberInFiscalDay	Receipt type != Fiscal receipt (receipt) and receiptNumberInFiscalDay is filled.	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		provided only for a fiscal receipt.							
23104	RECEIPT_CHAIN_ERROR	Fiscal receipt that has the value of "Receipt number in fiscal day" exactly one number lower than the received value of "Receipt number in fiscal day" is not found (i.e. the numbers must be consecutive and must not be skipped).	-	specificDocumentType Number/receiptNumberInFiscalDay	The former fiscal day receipt is found and the receiptNumberInFiscalDay does not meet the condition that it must be exactly one number higher than the receiptNumberInFiscalDay than the former fiscal day receipt (i.e. the numbers must be consecutive and must not be skipped). Note: the former fiscal day receipt shall be selected from the documents stored in i.EKA and package documents that are not rejected based on the received the receipt fiscalDayNumber and the packageHeader/cashRegister RegistrationNo (the document with the highest documentInfoBlockCrypto/documentNumber, with documentInfoBlockCrypto/documentNumber < receipt	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					documentInfoBlockCrypto/documentNumber, and with documentType = Fiscal receipt (receipt) shall be taken).				
23105	RECEIPT_NUMBER_DUPLICATE	The document with identical value of "Receipt number in fiscal day" and "Fiscal day number", but different value of "Document identification number" is found. The combination of receipt number in fiscal day and fiscal day number must be unique.	-	specificDocumentType Number/receiptNumberInFiscalDay	The document is found in iEKA or among package documents that are not rejected based on the received receiptNumberInFiscalDay, fiscalDayNumber and packageHeader/cashRegisterRegistrationNo so that documentInfoBlockCrypto/documentNumber != the received documentInfoBlockCrypto/documentNumber (i.e. the document with the same fiscal receipt number in the fiscal day and the current fiscal day number, but with a different document number is already stored in i.EKA of is processed in a file).	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
23106	MISSING_NONFISCALDOCUMENT_NUMBER_IN_FISCAL_DAY	The non-fiscal document is provided, however the data of "Non-fiscal receipt number in fiscal day" is missing.	-	specificDocumentType Number/nonFiscalDocumentNumberInFiscalDay	The received document type != (Fiscal receipt (receipt) or Fiscal day (fiscalDay)) and nonFiscalDocumentNumberInFiscalDay is not filled.	Critical error	Rejection error	No	No
23107	REDUNDANT_NONFISCALDOCUMENT_NUMBER_IN_FISCAL_DAY	The data of "Non-fiscal receipt number in fiscal day" is provided in the document. It can be provided only for a non-fiscal document.	-	specificDocumentType Number/nonFiscalDocumentNumberInFiscalDay	Type of document received = (Fiscal receipt (receipt) or Fiscal day (fiscalDay)) and nonFiscalDocumentNumberInFiscalDay is filled.	Critical error	Rejection error	No	No
23108	NONFISCALDOCUMENT_CHAIN_ERROR	Non-fiscal document that has the value of "Non-fiscal receipt number in fiscal day" exactly one number lower than the received value of "Non-fiscal receipt number in fiscal day" is not found (i.e. the numbers must be consecutive and must not be skipped).	-	specificDocumentType Number/nonFiscalDocumentNumberInFiscalDay	The former fiscal day non-fiscal document is found and the received nonFiscalDocumentNumberInFiscalDay does not meet the condition that it must be exactly one number higher than the nonFiscalDocumentNumberInFiscalDay of the former daily non-fiscal document (i.e. the numbers must be consecutive and must not be skipped). Note: the former fiscal day non-fiscal document shall be selected	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					from the the documents stored in i.EKA and package documents that are not rejected based on the received fiscalDayNumber and the packageHeader/cashRegister RegistrationNo (the document with the highest documentInfoBlockCrypto/documentNumber is taken, with the documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber, and the documentType !=Fiscal receipt (receipt) or Fiscal day (fiscalDay))).				
23109	NONFISCALDOCUMENT_NUMBER_DUPLICATE	The document with identical value of "Non-fiscal receipt number in fiscal day" and "Fiscal day number", but different value of "Document identification number" is found. The combination of	-	specificDocumentType Number/nonFiscalDocumentNumberInFiscalDay	The document is found in iEKA or among package documents that are not rejected based on the received nonFiscalDocumentNumberInFiscalDay, fiscalDayNumber	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		non-fiscal receipt number in fiscal day and fiscal day number must be unique.			and packageHeader/cashRegisterRegistrationNo so that documentInfoBlockCrypto/documentNumber != the received documentInfoBlockCrypto/documentNumber (i.e. the document with the same non-fiscal document number in the fiscal day and the current fiscal day number, but with a different document number is already stored in i.EKA of is processed in a file).				
23200	MISSING_LOCATION_UID	The cash register is stationary, however the data of "Address of the cash register" is missing.	-	location/locationUID	The cash register is stationary and the received document does not contain locationUID data. Note: the cash register is selected based on the received packageHeader/cashRegisterRegistrationNo.	Warning	Warning	No	No
23201	MISSING_LOCATION_DATA	The cash register is mobile, however the address data is missing. It is mandatory to	-	location/locationUID	The cash register is mobile, and the received document does not contain locationUID,	Warning	Warning	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		provide the data of "Address of the cash register" and / or "LKS-94 coordinates of the cash register".			locationLKSX or locationLKSY data. Note: the cash register shall be selected based on the received packageHeader/cashRegister RegistrationNo.				
23202	LOCATION_UID_NOT_ASSIGNED_TO_CASH_REGISTER	The unique identification number of the cash register address is not assigned to the cash register in the i.EKA CR Register.	-	location/locationUID	The received locationUID has not been assigned to the cash register in i.EKA. Note: the cash register shall be selected based on the received packageHeader/cashRegister RegistrationNo. The validity of the locationUID assignment shall be checked at the time specified in documentHeader/documentDateTime.	Warning	Warning	No	No
23203	MISSING_LOCATION_LKSX	The value of LKS-94 coordinates in Y axis is provided, however LKS-94 coordinates in X axis is missing. These elements must be provided together or not provided at all.	-	location/locationLKSX	The received document does not contain locationLKSX data, although locationLKSY data has been received.	Warning	Warning	No	No
23204	MISSING_LOCATION_LKSY	The value of LKS-94 coordinates in X axis is	-	location/locationLKSY	The received document does not contain locationLKSY	Warning	Warning	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		provided, however LKS-94 coordinates in Y axis is missing. These elements must be provided together or not provided at all.			data, although locationLKSX data have been received.				
23205	INVALID_LOCATION_LKSX	The value of LKS-94 coordinates in X axis is invalid. The range of acceptable values: [298000..681000].	-	location/locationLKSX	The received locationLKSX < 298000 or locationLKSX > 681000.	Warning	Warning	No	No
23206	INVALID_LOCATION_LKSY	The value of LKS-94 coordinates in Y axis is invalid. The range of acceptable values: [5970000..6270000].	-	location/locationLKSY	The received locationLKSY < 5970000 or locationLKSY > 6270000.	Warning	Warning	No	No
24000	TOTAL_SALES_AMOUNT_VALUE_INVALID	The value of "Total sales amount, EUR" must be positive or equal to zero.	-	salesOperationData/totalSalesAmount	TotalSalesAmount < 0.	Critical error	Rejection error	No	No
24001	TOTAL_SALES_AMOUNT_VALUE_MISMATCH	The value of "Total sales amount, EUR" must be equal to the sum of "Sales amount including tax, EUR" of all sales operation tax details.	-	salesOperationData/totalSalesAmount	The received totalSalesAmount != sum of all lines of the received document salesOperationTaxDetails/salesOperationTaxLine salesAmountAfterTax.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
24002	TOTAL_SALES_TAX_AMOUNT_VALUE_INVALID	The value of "Total sales tax amount, EUR" must be positive or equal to zero.	-	salesOperationData/totalSalesTaxAmount	The received totalSalesTaxAmount != "xs:nil = "true"" and totalSalesTaxAmount < 0.	Critical error	Rejection error	No	No
24003	TOTAL_SALES_TAX_AMOUNT_VALUE_MISMATCH	The value of "Total sales tax amount, EUR" must be equal to the sum of "Tax amount, EUR" of all sales operation tax details.	-	salesOperationData/totalSalesTaxAmount	At least one of the rows of the received document salesOperationTaxDetails/salesOperationTaxLine received taxRate != "" (null value) and totalSalesTaxAmount != the sum of all the rows of the received document salesOperationTaxDetails/salesOperationTaxLine, where taxRate != "" (null value), taxAmount. Possible rounding error: <value (cent) initial value: 50 cents>, <value(cent) initial value: 50 cents>.	Critical error	Rejection error	No	No
24004	REDUNDANT_TOTAL_SALES_TAX_AMOUNT	The value of "Total sales tax amount, EUR" must be empty, because corresponding data is provided in "Tax amount, EUR" in sales operation tax details.	-	salesOperationData/totalSalesTaxAmount	For all rows of the received document salesOperationTaxDetails/salesOperationTaxLine, the received taxRate = "" (null value) and the received totalSalesTaxAmount != "xs:nil = "true"".	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
24050	MISSING_DOCUMENT_FISCAL_AMOUNTS_OR_BUYING_DATA	The data of "Document fiscal amounts" and / or purchase must be provided in the fiscal receipts. If this data is missing, then a non-fiscal document must be provided.	-	receipt/documentFiscalAmounts	The received document type = Fiscal receipt (receipt) and no otherCashCollectionOperation/collectionType with collectionType = 3 (Purchase) and no documentFiscalAmounts (i.e., the fiscal receipt must contain the document's fiscal amounts and/or purchase data).	Critical error	Rejection error	No	No
24100	INVALID_TAX_RATE	The value of "Tax rate" is invalid. Acceptable values: 0%, 5%, 9%, 21%. If VAT is not applied, then value "TAX-FREE" must be provided.	-	salesOperationTaxLine/taxRate, fiscalDayTaxTable/taxRate, taxTable/taxRate	The received taxRate != "" (empty value) and the received taxRate is not from the defined set of valid TAX_RATE records.	Critical error	Rejection error	No	No
24101	TAX_AMOUNT_VALUE_INVALID	The value of "Tax amount, EUR" must be positive or equal to zero.	-	salesOperationTaxLine/taxAmount	The received taxRate != "" (null value) and received taxAmount < 0.	Critical error	Rejection error	No	No
24102	TAX_AMOUNT_VALUE_MISMATCH	The value of "Tax amount, EUR" must be equal to the value of "Sales amount including tax, EUR" multiplied by the value of "Tax rate".	-	salesOperationTaxLine/taxAmount	The received taxRate != "" (null value) and received taxAmount != (salesAmountAfterTax - taxAmount) * the rate value in the classifier is selected	Warning	Warning	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					based on the received taxRate. Note: Rounding according to arithmetic rules to 2 decimal places. Possible rounding error: <value initial value: 1 cent>, <value; initial value: 500 cents>.				
24103	REDUNDANT_TAX_AMOUNT	The value of "Tax amount, EUR" must be null, because corresponding data is provided in "Tax rate".	-	salesOperationTaxLine/taxAmount	The received taxRate = "" (null value) and received taxAmount != "xs:nil = "true"".	Critical error	Rejection error	No	No
24104	SALES_AMOUNT_AFTER_TAX_VALUE_INVALID	The value of "Sales amount including tax, EUR" must be positive or equal to zero.	-	salesOperationTaxLine/salesAmountAfterTax	The received salesAmountAfterTax < 0.	Critical error	Rejection error	No	No
24200	TOTAL_SALES_AMOUNT_WITHOUT_DISCOUNT_ADDITION_VALUE_INVALID	The value of "Total sales amount without discounts and additions, EUR" must be positive.	-	discountsAdditions/totalSalesAmountWithoutDiscountAddition	TotalSalesAmountWithoutDiscountAddition <= 0.	Critical error	Rejection error	No	No
24201	TOTAL_SALES_DISCOUNT_QUANTITY_VALUE_INVALID	The value of "Total sales discount quantity" must be positive.	-	discountsAdditions/totalSalesDiscountQuantity	The received document type = Fiscal day (fiscalDay) and received totalSalesDiscountQuantity <= 0.	Critical error	Rejection error	No	No
24202	MISSING_TOTAL_SALES_DISCOUNT_QUANTITY	The value of "Total sales discount amount, EUR" is provided, however the data of "Total sales discount	-	discountsAdditions/totalSalesDiscountQuantity	The received document type = Fiscal day (fiscalDay) and received totalSalesDiscountAmount	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		quantity" is missing. These elements must be provided together or not provided at all in the fiscal day.			and totalSalesDiscountQuantity are not filled in (i.e. in the case of fiscal day, the field is mandatory if the amount of discounts on sales transactions is specified).				
24203	TOTAL_SALES_DISCOUNT_AMOUNT_VALUE_INVALID1	The value of "Total sales discount amount, EUR" must be positive.	-	discountsAdditions/totalSalesDiscountAmount	TotalSalesDiscountAmount <= 0.	Critical error	Rejection error	No	No
24204	MISSING_TOTAL_SALES_DISCOUNT_AMOUNT	The value of "Total sales discount quantity" is provided, however the data of "Total sales discount amount, EUR" is missing. These elements must be provided together or not provided at all in the fiscal day.	-	discountsAdditions/totalSalesDiscountAmount	The received document type = Fiscal day (fiscalDay) and received totalSalesDiscountQuantity and totalSalesDiscountAmount are not filled in (i.e. for fiscal day, the field is mandatory if the number of discounts on sales transactions is specified).	Critical error	Rejection error	No	No
24205	TOTAL_SALES_DISCOUNT_AMOUNT_VALUE_INVALID2	The value of "Total sales discount amount, EUR" must be less than or equal to the value "Total sales amount without discounts and	-	discountsAdditions/totalSalesDiscountAmount	The received totalSalesDiscountAmount > received totalSalesAmountWithoutDiscountAddition.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		additions, EUR".							
24206	MISSING_DISCOUNT_ADDITIONS_DATA	The value of "Total sales discount amount, EUR" and / or the value of "Total sales addition amount, EUR" must be provided in "Discounts and additions".	-	discountsAdditions/totalSalesDiscountAmount	Neither totalSalesDiscountAmount nor totalSalesAdditionAmount data are received (i.e., in the discounts and mark-ups element it is mandatory to specify the number of discounts and/or the amount of mark-ups of the sales transactions).	Critical error	Rejection error	No	No
24207	TOTAL_SALES_ADDITION_QUANTITY_VALUE_INVALID	The value of "Total sales addition quantity" must be positive.	-	discountsAdditions/totalSalesAdditionQuantity	The received document type = Fiscal day (fiscalDay) and received totalSalesAdditionQuantity <= 0.	Critical error	Rejection error	No	No
24208	MISSING_TOTAL_SALES_ADDITION_QUANTITY	The value of "Total sales addition amount, EUR" is provided, however the data of "Total sales addition quantity" is missing. These elements must be provided together or not provided at all in the fiscal day.	-	discountsAdditions/totalSalesAdditionQuantity	The received document type = Fiscal day (fiscalDay) and received totalSalesAdditionAmount and totalSalesAdditionQuantity are not filled in (i.e. in the case of fiscal day, the field is mandatory if the amount of	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					markups on sales transactions is specified).				
24209	TOTAL_SALES_ADDITION_AMOUNT_VALUE_INVALID	The value of "Total sales addition amount, EUR" must be positive.	-	discountsAdditions/totalSalesAdditionAmount	TotalSalesAdditionAmount <= 0.	Critical error	Rejection error	No	No
24210	MISSING_TOTAL_SALES_ADDITION_AMOUNT	The value of "Total sales addition quantity" is provided, however the data of "Total sales addition amount, EUR" is missing. These elements must be provided together or not provided at all in the fiscal day.	-	discountsAdditions/totalSalesAdditionAmount	The received document type = Fiscal day (fiscalDay) and received totalSalesAdditionQuantity and received totalSalesAdditionAmount are not filled in (i.e., for fiscal day the field is mandatory if the number of markups on sales transactions is specified).	Critical error	Rejection error	No	No
24300	CORRECTIONS_QUANTITY_VALUE_INVALID	The value of "Corrections quantity" must be positive.	-	corrections/correctionsQuantity	The received correctionsQuantity <= 0.	Critical error	Rejection error	No	No
24301	CORRECTIONS_AMOUNT_VALUE_INVALID	The value of "Corrections amount, EUR" must be positive.	-	corrections/correctionsAmount	The received correctionsAmount <= 0.	Critical error	Rejection error	No	No
24401	INVALID_COLLECTION_TYPE	The value of "Collection type" is invalid. Acceptable values: 1 (Deposit), 2 (Other), 3 (Purchase), 4 (Return).	-	otherCashCollectionOperation/collectionType	The received collectionType is not from a defined set of valid CASH_COLLECTION_TYPE records.	Critical error	Rejection error	No	No
24402	COLLECTION_TYPE_MISMATCH1	The provided value of "Collection type" is not applicable to payment	-	otherCashCollectionOperation/collectionType	The received collectionDirection = IN and the received collectionType	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		operations. Acceptable values: 1 (Deposit), 2 (Other), 4 (Return).			are not applicable to collected contribution transactions.				
24403	COLLECTION_TYPE_MISMATCH2	The provided value of "Collection type" is not applicable to payout operations. Acceptable values: 1 (Deposit), 2 (Other), 3 (Purchase), 4 (Return).	-	otherCashCollectionOperation/collectionType	The received collectionDirection = OUT and the received collectionType are not applicable to payout transactions.	Critical error	Rejection error	No	No
24404	COLLECTION_TYPE_DOCUMENT_TYPE_MISMATCH1	Purchase operations can be provided only in these document types: Fiscal receipt, Fiscal day.	-	otherCashCollectionOperation/collectionType	The received document type != (Fiscal receipt (receipt) or Fiscal day (fiscalDay)) and collectionType = 3 (Purchase) (i.e. purchase transactions must be in the fiscal documents as they increase the global counters).	Critical error	Rejection error	No	No
24405	COLLECTION_TYPE_DOCUMENT_TYPE_MISMATCH2	Return operations can be provided only in these document types: Fiscal day, Non-fiscal good return and (or) service refusal document.	-	otherCashCollectionOperation/collectionType	Type of document received != (Fiscal day (fiscalDay) or Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument)) and collectionType = 4 (Refund).	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
24406	COLLECTION_TYPE_DOCUMENT_TYPE_MISMATCH3	Only these values of "Collection type" can be provided in the Non-fiscal good return and (or) service refusal document: 1 (Deposit), 2 (Other), 4 (Return).	-	otherCashCollectionOperation/collectionType	The received document type = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and collectionType != (1 (Deposit), 2 (Other) or 4 (Return)).	Critical error	Rejection error	No	No
24407	COLLECTION_AMOUNT_VALUE_INVALID	The value of "Collection amount, EUR" must be positive.	-	otherCashCollectionOperation/collectionAmount	The received collectionAmount <= 0.	Critical error	Rejection error	No	No
24408	CASH_REGISTER_NOT_FOUND_IN_APR2	The value of "Cash register identification number of receipt on which return is based" is not found in the i.EKA CR register.	-	otherCashCollectionOperation/returnedDocumentCashRegisterRegistrationNo	Type of document received = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and the cash register was not found in i.EKA according to the received returnedDocumentCashRegisterRegistrationNo.	Warning	Warning	No	No
24409	CASH_REGISTER_NOT_ASSIGNED_TO_TAX_PAYER2	The cash register that is selected according to the value of "Cash register identification number of receipt on which return is based" is not assigned to the business entity in the i.EKA CR register.	-	otherCashCollectionOperation/returnedDocumentCashRegisterRegistrationNo	The received document type = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and the cash register selected according to the received returnedDocumentCashRegisterRegistrationNo is not	Warning	Warning	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					assigned to a taxable person in i.EKA. Note: the taxpayer is selected based on the registrationNumber received.				
24410	MISSING_RETURNED_DOCUMENT_DATA	Collection type: 4 (Return) is provided in the Non-fiscal good return and (or) service refusal document, however the data of the document on which the return is based is missing. It is mandatory to provide either the data of "Cash register identification number of receipt on which return is based", "Receipt identification number on which return is based" or the data of "Number of sales document on which return is based".	-	otherCashCollectionOperation/returnedDocumentCashRegisterRegistrationNo	The received document type = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and received collectionType = 4 (Return) and no returnedDocumentCashRegisterRegistrationNo, returnedDocumentNumber or returnedOtherSalesDocumentNumber data are available.	Critical error	Rejection error	No	No
24411	RETURNED_DOCUMENT_DATA_INVALID	The data of "Cash register identification number of receipt on which return is based", "Receipt identification number on which return is based" as well as the data of "Number	-	otherCashCollectionOperation/returnedDocumentCashRegisterRegistrationNo	The received document type = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and received collectionType = 4 (Return) and returnedDocumentCashRegister	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		of sales document on which return is based" is provided in the document. Either the data of "Cash register identification number of receipt on which return is based", "Receipt identification number on which return is based" or the data of "Number of sales document on which return is based" shall be provided, but not all data at once.			erRegistrationNo submitted and returnedDocumentNumber submitted and returnedOtherSalesDocument Number submitted.				
24412	MISSING_RETURNED_DOCUMENT_CASH_REGISTER_NO_ELEMENT	The value of "Receipt identification number on which return is based" is provided, however the data of "Cash register identification number of receipt on which return is based" is missing. These elements must be provided together or not provided at all.	-	otherCashCollectionOperation/returnedDocumentCashRegisterRegistrationNo	Type of document received = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and received collectionType = 4 (Return) and no returnedDocumentCashRegisterRegistrationNo data is received although returnedDocumentNumber data is received.	Critical error	Rejection error	No	No
24413	MISMATCHED_RETURNED_DOCUMENT_CASH_REGISTER_NO_ELEMENT1	The value of "Cash register identification number of receipt on which return is	-	otherCashCollectionOperation/returnedDocu	The received document type = Non-fiscal good return and (or) service refusal document	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		based" is provided, however it can be provided only if collection type: 4 (Return).		mentCashRegisterRegistrationNo	(nonFiscalReturnDocument) and received collectionType != 4 (Return) and returnedDocumentCashRegisterRegistrationNo submitted.				
24414	MISSING_RETURNED_DOCUMENT_NUMBER_ELEMENT	The value of "Cash register identification number of receipt on which return is based" is provided, however the data of "Receipt identification number on which return is based" is missing. These elements must be provided together or not provided at all.	-	otherCashCollectionOperation/returnedDocumentNumber	Type of document received = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and no returnedDocumentNumber data is received although returnedDocumentCashRegisterRegistrationNo data is received.	Critical error	Rejection error	No	No
24415	MISMATCHED_RETURNED_DOCUMENT_NUMBER_ELEMENT1	The value of "Receipt identification number on which return is based" is provided, however it can be provided only if collection type: 4 (Return).	-	otherCashCollectionOperation/returnedDocumentNumber	The received document type = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and received collectionType != 4 (Returns) and returnedDocumentNumber is provided.	Critical error	Rejection error	No	No
24416	MISMATCHED_RETURNED_OTHER_SALES_DOCUMENT_NUMBER_ELEMENT1	The value of "Number of sales document on which return is based" is provided, however it can be provided	-	otherCashCollectionOperation/returnedOtherSalesDocumentNumber	Document type received = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument)	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		only if collection type: 4 (Return).			and collectionType received != 4 (Return) and returnedOtherSalesDocument Number submitted.				
24417	MISSING_RETURN_OPERATION_DATA	It is mandatory to provide at least one operation of collection type: 4 (Return) in the Non-fiscal good return and (or) service refusal document.	-	otherCashCollectionOperation/collectionType	The received document type = Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) and no otherCashCollectionOperation data is received, where collectionType = 4 (Refund).	Critical error	Rejection error	No	No
24500	TOTAL_AMOUNT_VALUE_TO_PAY_VALUE_MISMATCH1	The value of "Total amount to pay, EUR" must be equal to: the total value of "Paid amount, EUR" of all payment details - the total value of "Payout amount, EUR" of all payout details.	-	receiptPayments/totalAmountToPay	The received document has paymentDetail or payoutDetail data and the received totalAmountToPay != (sum of all paymentDetail lines of the received document paidAmountNatCur - sum of all payoutDetail lines of the received document payoutAmountNatCur).	Critical error	Rejection error	No	No
24501	TOTAL_AMOUNT_VALUE_TO_PAY_GLOBAL_VALUE_MISMATCH1	The value of "Total amount to pay, EUR" must be equal to: the value of "Total sales amount, EUR" + the total	-	receiptPayments/totalAmountToPay	The received document type = Fiscal receipt (receipt) and received totalAmountToPay != received	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payment operations - the total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payout operations. Note: if some data is not provided, then it is assumed that the corresponding element is equal to 0.			salesOperationData/totalSalesAmount + sum of all rows of the received document otherCashCollectionOperation collectionAmount with collectionDirection = IN - sum of all rows of the received document otherCashCollectionOperation collectionAmount with collectionDirection = OUT. Note: if any data is not received, the corresponding element is assumed to be 0.				
24502	TOTAL_AMOUNT_VALUE_T O_PAY_GLOBAL_VALUE_MIS MATCH2	The value of "Total amount to pay, EUR" must be equal to: the total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payment operations - the total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payout operations. Note: if some	-	receiptPayments/totalAmountToPay	The received document type != Fiscal receipt (receipt) and received totalAmountToPay != sum of all rows of the received document otherCashCollectionOperation collectionAmount with collectionDirection = IN, - sum of all rows of the received document otherCashCollectionOperation collectionAmount with collectionDirection = OUT.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		data is not provided, then it is assumed that the corresponding element is equal to 0.			Note: if any data is not received, the corresponding element is assumed to be 0.				
24600	INVALID_PAYMENT_TYPE	The value of "Payment type" is invalid. Acceptable values: 1 (Cash), 2 (Debit / credit card), 3 (Another payment card (for example, a loyalty card)), 4 (Coupons), 5 (Assignment), 6 (Compensated from the budget funds of the Compulsory Health Insurance Fund), 7 (Compensation is paid from the state budget), 8 (Cryptocurrency), 9 (Other), 10 (Rounding; since 2025).	-	paymentDetail/paymentType	The received paymentType is not from the defined set of valid PAYMENT_PAYOUT_TYPE records.	Critical error	Rejection error	No	No
24601	PAYMENT_TYPE_MISMATCH	The provided value of "Payment type" is not applicable to payment operations. Acceptable values: 1 (Cash), 2 (Debit / credit card), 3 (Another payment card (for example, a loyalty card)), 4 (Coupons), 5	-	paymentDetail/paymentType	The received paymentType is not applied to payment transactions.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		(Assignment), 6 (Compensated from the budget funds of the Compulsory Health Insurance Fund), 7 (Compensation is paid from the state budget), 8 (Cryptocurrency), 9 (Other), 10 (Rounding; since 2025).							
24602	PAYMENT_TYPE_ROUNDING_NOT_VALID	Cash rounding requirements are not in force, therefore the value of "Payment type": 10 (Rounding) is not acceptable.	-	paymentDetail/paymentType	The cash rounding requirements were not valid on the date and time of the received documentHeader/documentDateTime (<"i.EKA System Settings "#Cash Rounding Effective Date; initial value: 2025-01-01>) and the received paymentType = 10 (Rounding) (i.e. rounding can only be applied if valid).	Critical error	Rejection error	No	No
24603	PAYMENT_TYPE_ROUNDING_CURRENCY_INVALID	Rounding operations are applicable only to operations in euro.	-	paymentDetail/paymentType	The cash rounding requirements were valid on the date and time of the received documentHeader/documentDateTime (<Screen form "i.EKA	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					System Settings "#Cash Rounding Effective Date; initial value: 2025-01-01>) and the received paymentType = 10 (Rounding) and the received paymentCurrency != EUR (i.e. rounding can only be applied to transactions in EUR).				
24604	PAYMENT_TYPE_ROUNDING_APPLICATION_INVALID	Rounding operations are applicable only if cash operations in euro are provided in the document.	-	paymentDetail/paymentType	The net rounding requirements were valid on the date and time of the received documentHeader/documentDate and received paymentType = 10 (Rounding) and (the received document does not contain a paymentDetail line with paymentType = 1 (Cash) and (paymentCurrency = EUR or paymentCurrency is not available) or a payoutDetail line with payoutType = 1 (Cash) and (payoutCurrency = EUR or payoutCurrency is not available)) (i.e. rounding can	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					only be applied if the document contains cash transactions in EUR).				
24605	PAID_AMOUNT_NAT_CUR_VALUE_INVALID	The value of "Paid amount, EUR" must be positive.	-	paymentDetail/paidAmountNatCur	The received paidAmountNatCur <= 0.	Critical error	Rejection error	No	No
24606	PAID_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID 1	According to the rounding rules of the Bank of Lithuania, the value of "Paid amount, EUR" can be 1 or 2 cents for a rounding operation in the receipt.	-	paymentDetail/paidAmountNatCur	The net rounding requirements apply at the date and time of the received documentHeader/documentDate and received document type = (Fiscal receipt (receipt), Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) or Non-fiscal other payment / disbursement operations receipt (nonFiscalFinancialDocument)) and received paymentType = 10 (Rounding) and (received paymentCurrency = EUR or paymentCurrency is not available) and received paidAmountNatCur > 0,02 (i.e. according to the Bank of Lithuania rounding rules,	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					rounding in the receipt can be 1 or 2 cents).				
24607	PAID_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID2	According to the rounding rules of the Bank of Lithuania, the value of "Paid amount, EUR" must be rounded to the nearest multiple of 5 cents for a cash operation in the receipt.	-	paymentDetail/paidAmountNatCur	The net rounding requirements were valid on the date and time of the received documentHeader/documentDateTime and received documentType = (Fiscal receipt (receipt), Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) or Non-fiscal other payment / disbursement operations receipt (nonFiscalFinancialDocument)) and received paymentType = 1 (Cash) and (received paymentCurrency = EUR or paymentCurrency is not available) and received paidAmountNatCur > 0.05 and received paidAmountNatCur does not end in 0 or 5 cents (i.e., according to the Bank of	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					Lithuania's rounding rules, the amount of cash in the receipt must be rounded to the nearest multiple of 5 cents).				
24608	INVALID_PAYMENT_CURRENCY	The value of "Payment currency" is invalid. Acceptable values: according to ISO 4217.	-	paymentDetail/paymentCurrency	The received paymentCurrency is not from the defined set of valid CURRENCY_CODE records.	Critical error	Rejection error	No	No
24609	PAID_AMOUNT_PAYMENT_CUR_VALUE_INVALID	It is mandatory to provide the data of "Paid amount in payment currency" (if other currency than euro is provided in the value of "Payment currency"). The value of "Paid amount in payment currency" must be positive (if provided value is negative or equal to zero).	-	paymentDetail/paidAmountPaymentCur	The received paidAmountPaymentCur <= 0 or (received paymentCurrency != "" and received paymentCurrency != EUR and paidAmountPaymentCur is not provided).	Critical error	Rejection error	No	No
24610	PAYMENT_EXCHANGE_RATE_VALUE_INVALID	It is mandatory to provide the data of "Exchange rate" (if other currency than euro is provided in the value of "Payment currency"). The value of "Exchange rate" must be positive (if provided	-	paymentDetail/exchangeRate	The received exchangeRate <= 0 or (received paymentCurrency != "" and received paymentCurrency != EUR and exchangeRate is not provided).	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		value is negative or equal to zero).							
24611	PAYMENT_TYPE_DOCUMENT_TYPE_MISMATCH	The following values of "Payment type" are not applicable to the Non-fiscal good return and (or) service refusal document: 6 (It is compensated from the budget funds of the Compulsory Health Insurance Fund), 7 (Compensation is paid from the state budget).	-	paymentDetail/paymentType	The received document type = Non-fiscal other payment / disbursement operations receipt (nonFiscalFinancialDocument) and paymentType = (6 (Reimbursed by the Compulsory Health Insurance Fund budget) or 7 (Reimbursed by the state budget)).	Critical error	Rejection error	No	No
24700	INVALID_PAYOUT_TYPE	The value of "Payout type" is invalid. Acceptable values: 1 (Cash), 2 (Debit / credit card), 3 (Another payment card (for example, a loyalty card)), 4 (Coupons), 5 (Assignment), 6 (Compensated from the budget funds of the Compulsory Health Insurance Fund), 7 (Compensation is paid from the state budget), 8 (Cryptocurrency), 9	-	payoutDetail/payoutType	The received payoutType is not from the defined set of valid PAYMENT_PAYOUT_TYPE records.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		(Other), 10 (Rounding; since 2025).							
24701	PAYOUT_TYPE_MISMATCH	The provided value of "Payout type" is not applicable to payout operations. Acceptable values: 1 (Cash), 2 (Debit / credit card), 3 (Another payment card (for example, a loyalty card)), 4 (Coupons), 5 (Assignment), 6 (Compensated from the budget funds of the Compulsory Health Insurance Fund), 7 (Compensation is paid from the state budget), 8 (Cryptocurrency), 9 (Other), 10 (Rounding; since 2025).	-	payoutDetail/payoutType	The received payoutType is not applied to cash-in transactions.	Critical error	Rejection error	No	No
24702	PAYOUT_TYPE_ROUNDING_NOT_VALID	Cash rounding requirements are not in force, therefore the value of "Payout type": 10 (Rounding) is not acceptable.	-	payoutDetail/payoutType	The net rounding requirements were not valid at the date and time of the received documentHeader/documentDate and the received payoutType = 10 (Rounding)	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					(i.e., rounding can only be applied if valid).				
24703	PAYOUT_TYPE_ROUNDING_CURRENCY_INVALID	Rounding operations are applicable only to operations in euro.	-	payoutDetail/payoutType	The cash rounding requirements were valid on the date and time of the received documentHeader/documentDate and the received payoutType = 10 (Rounding) and the received payoutCurrency != EUR (i.e. rounding can only be applied to transactions in EUR).	Critical error	Rejection error	No	No
24704	PAYOUT_TYPE_ROUNDING_APPLICATION_INVALID	Rounding operations are applicable only if cash operations in euro are provided in the document.	-	payoutDetail/payoutType	The net rounding requirements were valid on the date and time of the received documentHeader/documentDate and received payoutType = 10 (Rounding) and (the received document does not contain a paymentDetail line with paymentType = 1 (Cash) and (paymentCurrency = EUR or paymentCurrency is not available) or a payoutDetail	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					line with payoutType = 1 (Cash) and (paymentCurrency = EUR or paymentCurrency is not available)) (i.e. rounding can only be applied if the document contains cash transactions in EUR).				
24705	PAYOUT_AMOUNT_NAT_CUR_VALUE_INVALID	The value of "Payout amount, EUR" must be positive.	-	payoutDetail/payoutAmountNatCur	The received payoutAmountNatCur <= 0.	Critical error	Rejection error	No	No
24706	PAYOUT_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID1	According to the rounding rules of the Bank of Lithuania, the value of "Payout amount, EUR" can be 1 or 2 cents for a rounding operation in the receipt.	-	payoutDetail/payoutAmountNatCur	The net rounding requirements were valid on the date and time of the received documentHeader/documentDate and the received document type = (Fiscal receipt (receipt), Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) or Non-fiscal other payment / disbursement operations receipt (nonFiscalFinancialDocument)) and the received payoutType = 10 (Rounding)	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					and (received payoutCurrency = EUR or payoutCurrency is not available) and the received payoutAmountNatCur > 0.02 (i.e. according to the Bank of Lithuania's rounding rules, the rounding in the receipt can be 1 or 2 cents).				
24707	PAYOUT_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID2	According to the rounding rules of the Bank of Lithuania, the value of "Payout amount, EUR" must be rounded to the nearest multiple of 5 cents for a cash operation in the receipt.	-	payoutDetail/payoutAmountNatCur	The net rounding requirements were valid on the date and time of the received documentHeader/documentDate and received document type = (Fiscal receipt (receipt), Non-fiscal good return and (or) service refusal document (nonFiscalReturnDocument) or Non-fiscal other payment / disbursement operations receipt (nonFiscalFinancialDocument)) and received payoutType = 1 (Cash) and (received payoutCurrency = EUR or	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					payoutCurrency is not available) and received payoutAmountNatCur > 0.05 and received payoutAmountNatCur does not end in 0 or 5 cents (i.e. according to the Bank of Lithuania's rounding rules, the cash amount in the receipt must be rounded to the nearest multiple of 5 cents).				
24708	INVALID_PAYOUT_CURRENCY	The value of "Payout currency" is invalid. Acceptable values: according to ISO 4217.	-	payoutDetail/payoutCurrency	The received payoutCurrency is not from the defined set of valid CURRENCY_CODE records.	Critical error	Rejection error	No	No
24709	PAYOUT_AMOUNT_PAYMENT_CUR_VALUE_INVALID	It is mandatory to provide the data of "Payout amount in payment currency" (if other currency than euro is provided in the value of "Payout currency"). The value of "Payout amount in payment currency" must be positive (if provided value is negative or equal to zero).	-	payoutDetail/payoutAmountPaymentCur	The received payoutAmountPaymentCur <= 0 or (received payoutCurrency != "" and received payoutCurrency != EUR and payoutAmountPaymentCur is not provided).	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
24710	PAYOUT_EXCHANGE_RATE_VALUE_INVALID	It is mandatory to provide the data of "Exchange rate" (if other currency than euro is provided in the value of "Payout currency"). The value of "Exchange rate" must be positive (if provided value is negative or equal to zero).	-	payoutDetail/exchangeRate	The received exchangeRate <= 0 or (received payoutCurrency != "" and received payoutCurrency != EUR and exchangeRate is not provided).	Critical error	Rejection error	No	No
24711	PAYOUT_TYPE_DOCUMENT_TYPE_MISMATCH	The following values of "Payout type" are not applicable to the Non-fiscal good return and (or) service refusal document: 6 (It is compensated from the budget funds of the Compulsory Health Insurance Fund), 7 (Compensation is paid from the state budget).	-	payoutDetail/payoutType	The received document type = (Fiscal receipt (receipt) or Non-fiscal other payment / disbursement operations receipt (nonFiscalFinancialDocument)) and payoutType = (6 (Reimbursed by the Compulsory Health Insurance Fund budget) or 7 (Reimbursed by the state budget)).	Critical error	Rejection error	No	No
25000	TOTAL_AMOUNT_VALUE_TO_PAY_VALUE_MISMATCH2	The value of "Total amount to pay, EUR" must be equal to: the total value of "Paid amount, EUR" of all payment details - the total value of	-	fiscalDayPayments/totalAmountToPay	The received document has paymentDetail or payoutDetail data and the received totalAmountToPay != (sum of all paymentDetail lines of the received	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		"Payout amount, EUR" of all payout details.			document paidAmountNatCur - sum of all payoutDetail lines of the received document payoutAmountNatCur).				
25001	TOTAL_AMOUNT_VALUE_T O_PAY_GLOBAL_VALUE_MIS MATCH2	The value of "Total amount to pay, EUR" must be equal to: the value of "Total sales amount, EUR" + the total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payment operations - the total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payout operations. Note: if some data is not provided, then it is assumed that the corresponding element is equal to 0.	-	fiscalDayPayments/totalAmountToPay	The received totalAmountToPay != received salesOperationData/totalSalesAmount + sum of all rows of the received document otherCashCollectionOperation collectionAmount with collectionDirection = IN - sum of all rows of the received document otherCashCollectionOperation collectionAmount with collectionDirection = OUT. Note: if any data is not received, the corresponding element is assumed to be 0.	Critical error	Rejection error	No	No
25050	MISSING_FISCAL_DAY_PAYMENTS_DATA	If the data "Sales operation data" and / or "Other cash collection operations" is provided in the fiscal day,	-	fiscalDay/fiscalDayPayments	documentFiscalAmounts/salesOperationData or fiscalDay/otherCashCollectionOperation data is received,	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		then it is mandatory to provide "Fiscal day payments" as well.			but fiscalDayPayments is not provided.				
25100	PERIOD_START_TIME_EARLIER_THAN_LAST_FISCALDAY_PERIOD_END_TIME	The time of "Date and time of period start of fiscal day" can't be earlier than the time of "Date and time of period end of fiscal day" in the previous fiscal day.	-	dailyData/periodStartDateTime	A former fiscal day is found (i.e. the received fiscal day is not the first fiscal day of cash register) and the received periodStartDateTime < periodEndDateTime of the former fiscal day (i.e. the start date and time of the fiscal day period must not be earlier than the end date and time of the former fiscal day period). Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegisterRegistrationNo and package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber shall be taken, that has documentInfoBlockCrypto/do	Critical error	Rejection error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					cumentNumber < the received documentInfoBlockCrypto/documentNumber, and document type = Fiscal day (fiscalDay)). The time change from summertime to wintertime shall also be taken into account in the check.				
25101	PERIOD_END_TIME_LATER_THAN_DOCUMENT_TIME	The time of "Date and time of period end of fiscal day" can't be later than the time of "Date and time of document".	-	dailyData/periodEndDateTime	The received periodEndDateTime > documentHeader/documentDateTime (i.e. the end date and time of the period of the fiscal day must not be later than the document date and time). Note: the time change from summer to wintertime must also be considered during the check.	Critical error	Rejection error	No	No
25102	PERIOD_END_TIME_EARLIER_THAN_PERIOD_START_TIME	The time of "Date and time of period end of fiscal day" can't be earlier than the time of "Date and time of period start of fiscal day".	-	dailyData/periodEndDateTime	The received periodEndDateTime < received periodStartDateTime. Note: the time change from summer to wintertime must be considered in the check.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
25103	RECEIPT_QUANTITY_VALUE_INVALID	The value of "Fiscal receipt quantity" must be positive or equal to zero.	-	dailyData/receiptQuantity	ReceiptQuantity < 0.	Critical error	Rejection error	No	No
25104	OTHER_DOCUMENTS_QUANTITY_VALUE_INVALID	The value of "Non-fiscal document quantity" must be positive or equal to zero.	-	dailyData/otherDocumentsQuantity	The received otherDocumentsQuantity < 0.	Critical error	Rejection error	No	No
25105	CANCELED_RECEIPTS_DOCUMENTS_QUANTITY_VALUE_INVALID	The value of "Canceled fiscal receipt quantity" must be positive or equal to zero.	-	dailyData/canceledReceiptsDocumentsQuantity	The received canceledReceiptsDocumentsQuantity < 0.	Critical error	Rejection error	No	No
25106	CANCELED_RECEIPTS_DOCUMENTS_AMOUNT_VALUE_INVALID	The value of "Canceled fiscal receipt amount, EUR" must be positive or equal to zero.	-	dailyData/canceledReceiptsDocumentsAmount	The received canceledReceiptsDocumentsAmount < 0.	Critical error	Rejection error	No	No
25107	GAS_STATION_VIOLATION_DOCUMENTS_QUANTITY_VALUE_INVALID	The value of "Gas station information transmission line violation quantity" must be positive or equal to zero.	-	dailyData/gasStationOperationViolationDocumentsQuantity	If gasStationOperationViolationDocumentsQuantity < 0.	Critical error	Rejection error	No	No
25108	MISSING_LINK_TO_GASSTATIONOPERATIONVIOLATIONDOCUMENT	Linked Non-fiscal information transfer violation receipt documents must be provided in "Linked document numbers" (if the value of "Gas station information transmission line violation quantity" is greater than 0). The quantity of linked documents must	-	dailyData/gasStationOperationViolationDocumentsQuantity	The gasStationOperationViolationDocumentsQuantity > 0 is received and such linkedDocumentNumbers/link edDocumentNumber is not received that based on which and on the received packageHeader/cashRegister RegistrationNo it could be	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		match the quantity that is provided in "Gas station information transmission line violation quantity". Linked Non-fiscal information transfer violation receipt documents shall not be provided in "Linked document numbers" (if the value of "Gas station information transmission line violation quantity" is equal to 0).			possible to select i.EKA document / package document that is of type: Non-fiscal information transfer violation receipt (gasStationOperationViolationDocument) (i.e. if gas station information transmission line violation quantity in the fiscal day is greater than 0, then the corresponding type of linked documents must be specified). Note: the received linkedDocumentNumber shall be checked with the documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected. The quantity of different linked documents shall correspond to the number of received gasStationOperationViolationDocumentsQuantity.				

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
25200	INVALID_CASH_CURRENCY	The value of "Cash currency" is invalid. Acceptable values: according to ISO 4217.	-	cashBalanceDetail/cashCurrency, PICashDetailsBeforeOperation/cashCurrency, PICashOperationDetail/cashCurrency, PICashDetailsAfterOperation/cashCurrency	The received cashCurrency is not from the defined set of valid CURRENCY_CODE records.	Critical error	Rejection error	No	No
25201	CASH_AMOUNT_VALUE_INVALID	The value of "Cash balance amount in currency" must be positive or equal to zero.	-	cashBalanceDetail/cashAmount	CashAmount < 0.	Critical error	Rejection error	No	No
25202	INSERTION_OPERATION_CASH_AMOUNT_VALUE_INVALID	The value of "Inserted cash amount in currency" must be positive or equal to zero.	-	cashBalanceDetail/insertionOperationCashAmount	insertionOperationCashAmount < 0.	Critical error	Rejection error	No	No
25203	INSERTION_OPERATION_CASH_QUANTITY_VALUE_INVALID	The value of "Cash insertion operation quantity" must be positive or equal to zero.	-	cashBalanceDetail/insertionOperationCashQuantity	insertionOperationCashQuantity < 0.	Critical error	Rejection error	No	No
25204	WITHDRAWAL_OPERATION_CASH_AMOUNT_VALUE_INVALID	The value of "Withdrawn cash amount in currency" must be positive or equal to zero.	-	cashBalanceDetail/withdrawalOperationCashAmount	withdrawalOperationCashAmount < 0.	Critical error	Rejection error	No	No
25205	WITHDRAWAL_OPERATION_CASH_QUANTITY_VALUE_INVALID	The value of "Withdrawal operation quantity" must be positive or equal to zero.	-	cashBalanceDetail/withdrawalOperationCashQuantity	withdrawalOperationCashQuantity < 0.	Critical error	Rejection error	No	No
25300	GT_SALES_VALUE_MISMATCH	The value of "Global total sales amount" must be equal to the sum of the value of	-	counters/GTSales	The former fiscal day is found (i.e. the received fiscal day is not the first fiscal day of cash	Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		"Global total sales amount" in the previous fiscal day and the value of "Total sales amount, EUR" in provided fiscal day.			register) and the received $GT_{Sales} \neq GT_{Sales}$ of former fiscal day + the received totalSalesAmount (i.e. the global counter of the sales transactions of fiscal day must be equal to the sum of the global counter of the sales transactions of the former fiscal day and the sales of current fiscal day). Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegisterRegistrationNo and package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber shall be taken, that has documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/do				

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					cumentNumber, and document type = Fiscal day (fiscalDay)).				
25301	GT_SALES_TAX_AMOUNT_VALUE_MISMATCH	The value of "Global total sales tax amount" must be equal to the sum of the value of "Global total sales tax amount" in the previous fiscal day and the value of "Total sales tax amount, EUR" in provided fiscal day.	-	counters/GTSalesTaxAmount	The former fiscal day is found (i.e. the received fiscal day is not the first fiscal day of cash register) and the received GTSalesTaxAmount != GTSalesTaxAmount of former fiscal day + the received totalSalesTaxAmount (i.e. the global counter of the amount of the sales transaction tax of fiscal day must be equal to the sum of the global counter of the amount of the sales transaction tax of the former fiscal day and the sum of the sales transaction tax of current fiscal day). Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and package documents that are not	Critical error	Critical error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					rejected (the document with the highest documentInfoBlockCrypto/documentNumber shall be taken, that has documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber, and document type = Fiscal day (fiscalDay)).				
25302	GT_BUYING_VALUE_MISMA TCH	The value of "Global total payout amount" must be equal to: the value of "Global total payout amount" in the previous fiscal day + the total value of "Collection amount, EUR" of other cash collection operations with "Collection direction": Payout operations and "Collection type": 3 (Purchase) in provided document.	-	counters/GTBuying	The former fiscal day is found (i.e. the received fiscal day is not the first fiscal day of cash register) and has received GTBuying != GTBuying of the former fiscal day + the sum of all the rows of the received document otherCashCollectionOperation in the collectionAmount, where collectionDirection = OUT and collectionType = 3 (Purchase) (i.e. the global counter of the purchases of fiscal day shall be equal to	Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					the sum of the global counter of the purchases of the former fiscal day and the purchases of the current fiscal day). Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegister RegistrationNo and package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber shall be taken, that has documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber, and document type = Fiscal day (fiscalDay)). Note: if some of the data is not received, the corresponding element shall be considered equal to 0.				

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
25400	LAST_TAX_CHANGE_TIME_LATER_THAN_DOCUMENT_TIME	The time of "Date and time of the last tax setting or change" can't be later than the time of "Date and time of document".	-	fiscalDayTaxData/lastTaxChangeDateTime	The received lastTaxChangeDateTime > documentHeader/documentDateTime. Note: the time change from summer to wintertime must also be taken into account when checking.	Critical error	Critical error	No	No
25401	MISSING_LINK_TO_NONFISCALTAXCHANGEDOCUMENT	If details of applied taxes do not match in provided fiscal day and in previous fiscal day, then linked Non-fiscal tax change document must be provided in "Linked document numbers".	-	fiscalDayTaxData/fiscalDayTaxTables	The former fiscal day is found (i.e. the received fiscal day is not the first fiscal day of cash register) and the received fiscalDayTaxTables data does not match the fiscalDayTaxTables data of the former fiscal day and such linkedDocumentNumbers/linkedDocumentNumber is not received that based on which and on the received packageHeader/cashRegisterRegistrationNo it could be possible to select i.EKA document / package document that is of type: Non-fiscal tax change document	Critical error	Critical error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					(nonFiscalTaxChangeDocument) (i.e. if the taxes applied in the current and the former fiscal day do not match, then the non-fiscal tax change document must be specified). Note: the former fiscal day shall be selected from the documents stored in i.EKA based on the received packageHeader/cashRegisterRegistrationNo and package documents that are not rejected (the document with the highest documentInfoBlockCrypto/documentNumber shall be taken, that has documentInfoBlockCrypto/documentNumber < the received documentInfoBlockCrypto/documentNumber, and document type = Fiscal day (fiscalDay)). Note: the received linkedDocumentNumber shall				



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					be checked with the documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected.				
25500	MISSING_ADDITIONAL_DATA_DATA	It is mandatory to provide one or more of the following elements in "Additional data in fiscal day": "Sales details of special good group in fiscal day", "Pre-order documents", "Technical refueling in fiscal day".	-	additionalData/specialGoodsSales	The received document does not contain specialGoodsSales, preOrderDocuments or technicalRefuelings data.	Critical error	Rejection error	No	No
25600	INVALID_GOODS_GROUP	The value of "Good group" is invalid. Acceptable values: B1 (Gasoline), B2 (Automotive ethanol fuel), D1 (Diesel), D2 (Fatty acid methyl ester (FAME)), DZ (Marked diesel for use in agriculture and fisheries), GD (Natural gas for transportation), LPG (Liquefied petroleum gas for transport), KT (Fuel intended for transport is not assigned	-	specialGoodsSale/goodsGroup	The received goodsGroup does not come from the defined set of valid SPECIAL_GOOD_GROUP records.	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		to other groups), AG (Alcoholic beverages).							
25601	MISSING_GOODS	The value of "Good name" is missing. It is mandatory to provide it if the value of "Good group" is the following: B1 (Gasoline), B2 (Automotive ethanol fuel), D1 (Diesel), D2 (Fatty acid methyl ester (FAME)), DZ (Marked diesel for use in agriculture and fisheries), GD (Natural gas for transportation), LPG (Liquefied petroleum gas for transport), KT (Fuel intended for transport is not assigned to other groups).	-	specialGoodsSale/goods	The goodsGroup group of the received goods relates to fuel and goods is not filled in (i.e., the field is mandatory for goods in fuel-related groups).	Critical error	Rejection error	No	No
25602	MISSING_GOODS_TOTAL_SALES_QUANTITY	The value of "Good sales amount, litres" is missing. It is mandatory to provide it if the value of "Good group" is the following: B1 (Gasoline), B2 (Automotive ethanol fuel), D1 (Diesel), D2 (Fatty acid methyl ester (FAME)), DZ (Marked diesel for use in	-	specialGoodsSale/goodsTotalSalesQuantity	The goodsGroup group of the received goodsGroup is related to fuel and goodsTotalSalesQuantity is not filled in (i.e., the field is mandatory for goods in fuel-related groups).	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		agriculture and fisheries), GD (Natural gas for transportation), LPG (Liquefied petroleum gas for transport), KT (Fuel intended for transport is not assigned to other groups).							
25603	GOODS_TOTAL_SALES_QUANTITY_VALUE_INVALID	The value of "Good sales amount, litres" must be positive or equal to zero.	-	specialGoodsSale/goodsTotalSalesQuantity	GoodsTotalSalesQuantity < 0.	Critical error	Rejection error	No	No
25604	GOODS_TOTAL_SALES_AMOUNT_VALUE_INVALID	The value of "Good sales amount, EUR" must be positive or equal to zero.	-	specialGoodsSale/goodsTotalSalesAmount	The received goodsTotalSalesAmount < 0.	Critical error	Rejection error	No	No
25700	PRE_ORDER_TOTAL_QUANTITY_VALUE_INVALID1	The value of "Pre-order document quantity in fiscal day" must be positive or equal to zero.	-	preOrderDocuments/preOrderTotalQuantity	The received preOrderTotalQuantity < 0.	Critical error	Rejection error	No	No
25701	PRE_ORDER_TOTAL_QUANTITY_VALUE_INVALID2	The value of "Pre-order document quantity in fiscal day" must not be less than the sum of the value of "Transferred pre-order document quantity in fiscal day" and the value of "Unpaid pre-order document quantity in fiscal day".	-	preOrderDocuments/preOrderTotalQuantity	The received preOrderTotalQuantity < the received preOrderTransferredQuantity + the received preOrderTotalUnpaidQuantity.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
25702	PRE_ORDER_TRANSF_TO_ACCOMOD_INV_QUANTITY_VALUE_INVALID	The value of "Transferred pre-order document quantity in fiscal day" must be positive or equal to zero.	-	preOrderDocuments/preOrderTransfToAccommodInvQuantity	The received preOrderTransfToAccommodInvQuantity < 0.	Critical error	Rejection error	No	No
25703	MISSING_LINK_TO_PREORDERDOCUMENT2	If the value of "Transferred pre-order document quantity in fiscal day" is greater than 0, then linked Pre-order documents must be provided in "Linked document numbers". The quantity of linked documents must match the sum of the value of "Transferred pre-order document quantity in fiscal day" and the value of "Unpaid pre-order document quantity in fiscal day".	-	preOrderDocuments/preOrderTransfToAccommodInvQuantity	The received preOrderTransfToAccommodInvQuantity > 0 and such linkedDocumentNumbers/link edDocumentNumber is not received that based on which and on the received packageHeader/cashRegister RegistrationNo it could be possible to select i.EKA document / package document that is of type: Pre-order document (preOrderDocument) (i.e. if the transferred pre-order document quantity in fiscal day is greater than 0, then the corresponding type of linked documents must be specified). Note: the received linkedDocumentNumber shall be checked with the documentInfoBlockCrypto/do	Critical error	Rejection error	No	Yes



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
					documentNumber of the documents stored in i.EKA and package documents that are not rejected. The number of different linked documents shall correspond to the number of received preOrderTransfToAccomodInvQuantity + preOrderTotalUnpaidQuantity.				
25704	PRE_ORDER_TOTAL_UNPAID_QUANTITY_VALUE_INVALID	The value of "Unpaid pre-order document quantity in fiscal day" must be positive or equal to zero.	-	preOrderDocuments/preOrderTotalUnpaidQuantity	preOrderTotalUnpaidQuantity < 0.	Critical error	Rejection error	No	No
25705	MISSING_LINK_TO_PREORDERDOCUMENT3	If the value of "Unpaid pre-order document quantity in fiscal day" is greater than 0, then linked Pre-order documents must be provided in "Linked document numbers". The quantity of linked documents must match the sum of the value of "Transferred pre-order document quantity in fiscal day" and the value of	-	preOrderDocuments/preOrderTotalUnpaidQuantity	The received preOrderTotalUnpaidQuantity > 0 and such linkedDocumentNumbers/linkedDocumentNumber is not received that based on which and on the received packageHeader/cashRegisterRegistrationNo it could be possible to select i.EKA document / package document that is of type: Pre-	Critical error	Rejection error	No	Yes

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		"Unpaid pre-order document quantity in fiscal day".			order document (preOrderDocument) (i.e. if the unpaid pre-order document quantity in fiscal day is greater than 0, then the corresponding type of linked documents must be specified). Note: the received linkedDocumentNumber shall be checked with the documentInfoBlockCrypto/documentNumber of the documents stored in i.EKA and package documents that are not rejected. The number of different linked documents shall correspond to the number of received preOrderTransfToAccomodInvQuantity + preOrderTotalUnpaidQuantity.				
25706	PRE_ORDER_TOTAL_AMOUNT_VALUE_INVALID1	The value of "Pre-order document amount in fiscal day, EUR" must be positive or equal to zero.	-	preOrderDocuments/preOrderTotalAmount	The received preOrderTotalAmount < 0.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
25707	PRE_ORDER_TOTAL_AMOUNT_VALUE_INVALID2	The value of "Pre-order document amount in fiscal day, EUR" must not be less than the sum of the value of "Transferred pre-order document amount in fiscal day, EUR" and the value of "Unpaid pre-order document amount in fiscal day, EUR".	-	preOrderDocuments/preOrderTotalAmount	The received preOrderTotalAmount < the received preOrderTransfToAccomodInvAmount + the received preOrderTotalUnpaidAmount.	Critical error	Rejection error	No	No
25708	PRE_ORDER_TRANSF_TO_ACCOMOD_INV_AMOUNT_VALUE_INVALID	The value of "Transferred pre-order document amount in fiscal day, EUR" must be positive or equal to zero.	-	preOrderDocuments/preOrderTransfToAccomodInvAmount	The received preOrderTransfToAccomodInvAmount < 0.	Critical error	Rejection error	No	No
25709	PRE_ORDER_TOTAL_UNPAID_AMOUNT_VALUE_INVALID	The value of "Unpaid pre-order document amount in fiscal day, EUR" must be positive or equal to zero.	-	preOrderDocuments/preOrderTotalUnpaidAmount	The received preOrderTotalUnpaidAmount < 0.	Critical error	Rejection error	No	No
25800	INVALID_FUEL_TYPE1	The value of "Fuel type" is invalid. Acceptable values: B1 (Gasoline), B2 (Automotive ethanol fuel), D1 (Diesel), D2 (Fatty acid methyl ester (FAME)), DZ (Marked diesel for use in agriculture and fisheries), GD (Natural gas for transportation), LPG	-	technicalRefueling/fuelType, nonFiscalTechnicalRefueling/fuelType	The received fuelType is not from the defined set of valid SPECIAL_GOOD_GROUP records.	Critical error	Rejection error	No	No

Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
		(Liquefied petroleum gas for transport), KT (Fuel intended for transport is not assigned to other groups).							
25801	INVALID_FUEL_TYPE2	The value of "Fuel type" is not related to a fuel. Acceptable values: B1 (Gasoline), B2 (Automotive ethanol fuel), D1 (Diesel), D2 (Fatty acid methyl ester (FAME)), DZ (Marked diesel for use in agriculture and fisheries), GD (Natural gas for transportation), LPG (Liquefied petroleum gas for transport), KT (Fuel intended for transport is not assigned to other groups).	-	technicalRefueling/fuelType, nonFiscalTechnicalRefueling/fuelType	The fuelType group of the received fuelType is not related to fuel.	Critical error	Rejection error	No	No
25802	FUEL_QUANTITY_VALUE_INVALID	The value of "Technical refueling fuel amount, litres" must be positive.	-	technicalRefueling/fuelQuantity, nonFiscalTechnicalRefueling/fuelQuantity	FuelQuantity <= 0.	Critical error	Rejection error	No	No
27000	INITIAL_CASH_AMOUNT_VALUE_INVALID	The value of "Initial cash amount in currency" must be positive or equal to zero.	-	PICashDetailsBeforeOperation/initialCashAmount	InitialCashAmount < 0.	Critical error	Rejection error	No	No



Error code	System code	Error text	Description of dynamic values	Related element	Conditions when error is detected	Criticality	Criticality of error in SubmitFiscalDay method	Should cash register be suspended if error is detected?	Should error be re-verified when related document is being verified?
27100	OPERATION_CASH_AMOUNT_VALUE_INVALID	The value of "Operation cash amount in currency" must be positive.	-	PICashOperationDetail/operationCashAmount	The received operationCashAmount <= 0.	Critical error	Rejection error	No	No
27200	FINAL_CASH_AMOUNT_VALUE_INVALID	The value of "Final cash amount in currency" must be positive or equal to zero.	-	PICashDetailsAfterOperation/finalCashAmount	The received finalCashAmount < 0.	Critical error	Rejection error	No	No
27300	CANCELED_AMOUNT_VALUE_INVALID	The value of "Canceled document amount, EUR" must be positive or equal to zero.	-	nonFiscalCancelationDocument/canceledAmount	The received canceledAmount < 0.	Critical error	Rejection error	No	No
27400	PRE_SALE_AMOUNT_VALUE_INVALID	The value of "Pre-order document total amount to pay, EUR" must be positive.	-	preOrderDocument/preSaleAmount	The received preSaleAmount <= 0.	Critical error	Rejection error	No	No
30000	INVALID_CASH_REGISTER_STATUS	Invalid status of the cash register. The method is intended only to provide the fiscal day documents of cash registers that have non-activated certificates of security module.	-	packageHeader/cashRegisterRegistrationNo	SubmitFiscalDay() method is called and the status of the newest certificate of security module of cash register that is selected by cashRegisterRegistrationNo is not "Deactivated".	Rejection error	Rejection error	No	No

9.5 Decisions/requirements changes/clarifications

Date	Description	Notes
-	-	-

10 EKA004 VIRTUAL FISCALIZATION WEB SERVICE DESCRIPTION

Content

- Description of the integration
 - Document registration process
 - The cashregister communication scheme with the Virtual Fiscalization component
 - The communication and security protocol
 - Addresses of environments
 - Other non-functional requirements
 - Document statuses
- Technical specification
 - SubmitDocument method
 - SubmitDocumentRequest structure
 - SubmitDocumentResponse structure
 - REST API protocol details
 - SOAP API protocol details
 - GetDocumentInfo method
 - GetDocumentInfoRequest structure
 - GetDocumentInfoResponse structure
 - REST API protocol details
 - SOAP API protocol details
 - GetFiscalDayInfo method
 - GetFiscalDayInfoResponse structure
 - REST API protocol details
 - SOAP API protocol details
 - DocumentInfo structure
 - FiscalDayInfo structure
 - Errors structure
 - Error structure
 - Descriptions structure
 - PackageDocument file data structure
 - PackageDocument structure
 - PackageHeader structure
 - Document structure
 - DocumentHeader structure
 - LinkedDocumentNumbers structure
 - SpecificDocumentTypeNumber structure

- Location structure
- Receipt structure
- DocumentFiscalAmounts structure
- SalesOperationData structure
- SalesOperationTaxDetails structure
- SalesOperationTaxLine structure
- DiscountsAdditions structure
- OtherCashCollectionOperations structure
- OtherCashCollectionOperation structure
- ReceiptPayments structure
- PaymentDetails structure
- PaymentDetail structure
- PayoutDetails structure
- PayoutDetail structure
- Corrections structure
- FiscalDay structure
- FiscalDayPayments structure
- DailyData structure
- CashBalanceDetails structure
- CashBalanceDetail structure
- Counters structure
- FiscalDayTaxData structure
- FiscalDayTaxTables structure
- FiscalDayTaxTable structure
- AdditionalData structure
- SpecialGoodsSales structure
- SpecialGoodsSale structure
- PreOrderDocuments structure
- TechnicalRefuelings structure
- TechnicalRefueling structure
- NonFiscalDocument structure
- NonFiscalCollectionDocument structure
- DocumentAmounts structure
- PICashDetailsBeforeOperations structure
- PICashDetailsBeforeOperation structure
- PICashOperationDetails structure

- PICashOperationDetail structure
- PICashDetailsAfterOperations structure
- PICashDetailsAfterOperation structure
- NonFiscalPIMaintenanceDocument structure
- NonFiscalCancellationDocument structure
- NonFiscalTaxChangeDocument structure
- TaxTables structure
- TaxTable structure
- NonFiscalTechnicalRefuelingDocument structure
- NonFiscalTechnicalRefueling structure
- PreOrderDocument structure
- NonFiscalReturnDocument structure
- NonFiscalFinancialDocument structure
- GasStationOperationViolationDocument structure
- Additional information about provided data
- Defects reference book

10.1 Description of the integration

This section describes the service "Virtual fiscalization for cashregisters and other points of sale" execution process, requirements for the communication of cashregisters with the Virtual Fiscalization service. The virtual fiscalization service is intended for cashregister via API to register fiscal receipts, non-fiscal documents and reports (Z) to i.EKA or receive a document signature, check the data of the last successfully registered document, and receive data for the report (Z).

The virtual fiscalization API provides three method:

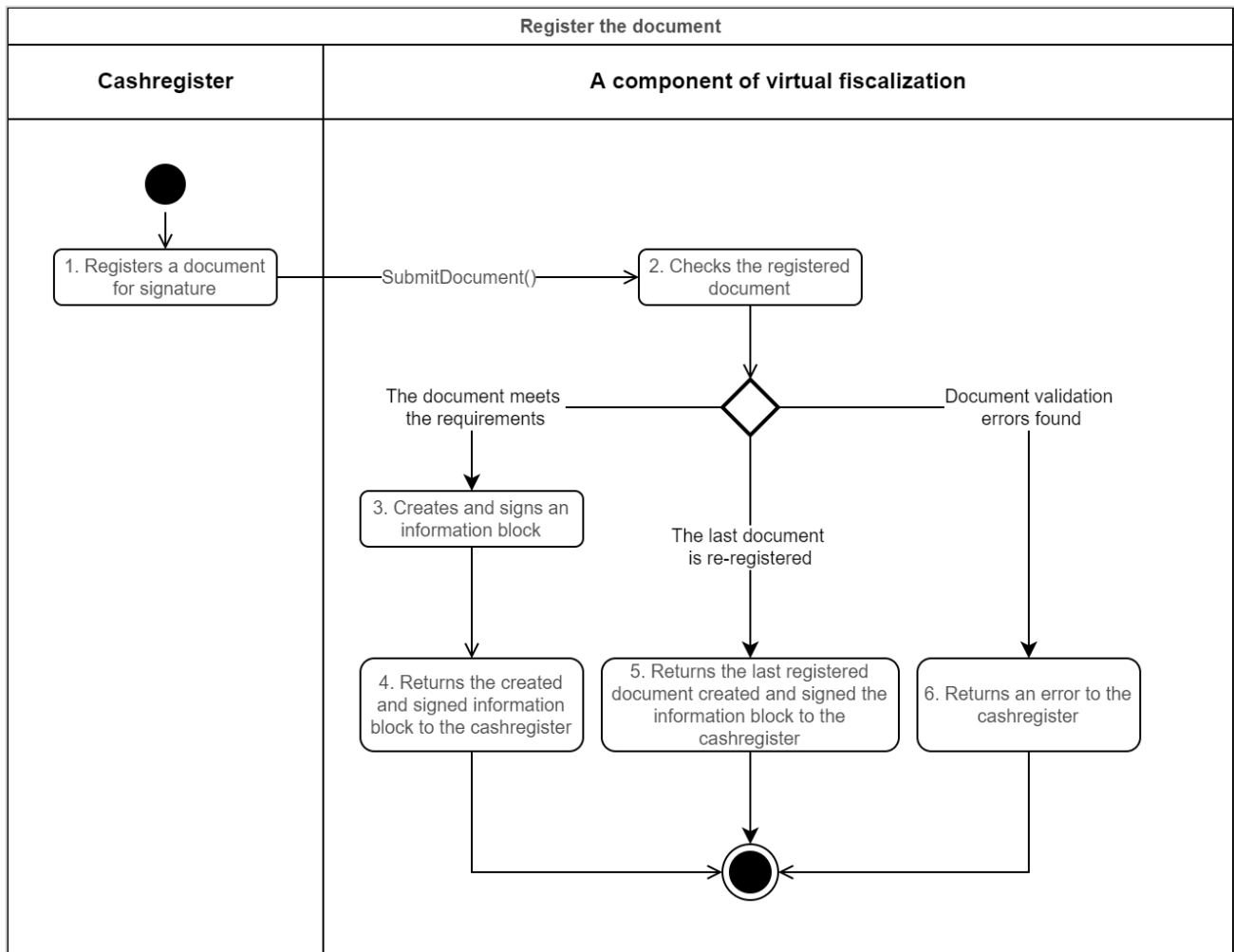
Method	Purpose
SubmitDocument()	Register a document for signing and get signing data.
GetDocumentInfo()	Get information about the last document registered and signed in the virtual fiscalization component
GetFiscalDayInfo()	Get reading data for a report (Z).

Note: Cashregister which works with the virtual fiscalization component must also use "Cashregister (with VF) registration data processing" the web service method GetCashRegisterWithVFState, which is intended for a payment instrument to receive information about its status from the register of payment instruments of the i.EKA system. This method should be called by the cashregister at least once a day (for example, at the start of a shift), to ensure that its status allows registration of fiscal and non-fiscal documents. If status does not allow it, the billing tool must not allow the user to start filling out the fiscal and non-fiscal document.

10.1.1 Document registration process

In the cashregister the document created for registration and signing is transferred to the Virtual Fiscalization component by calling the SubmitDocument() method of the web service. The transferred document is validated, signed, and the created and signed information block is returned to the cashregister (note: the signing of the document is considered compilation of the information block from the received document data and signing this compiled information block with the private key of the VMI i.EKA certificate for virtual fiscalization). Before registering

a report (Z) document, the cashregister can get read-out data stored in the Virtual Fiscalization component which are required by the report by calling the GetFiscalDayInfo() method of the web service. In case of communication failures during document registration, the cashregister can re-register the same document (with an identical data set) or check the information of the last successfully registered document by calling the GetDocumentInfo() method of the web service.



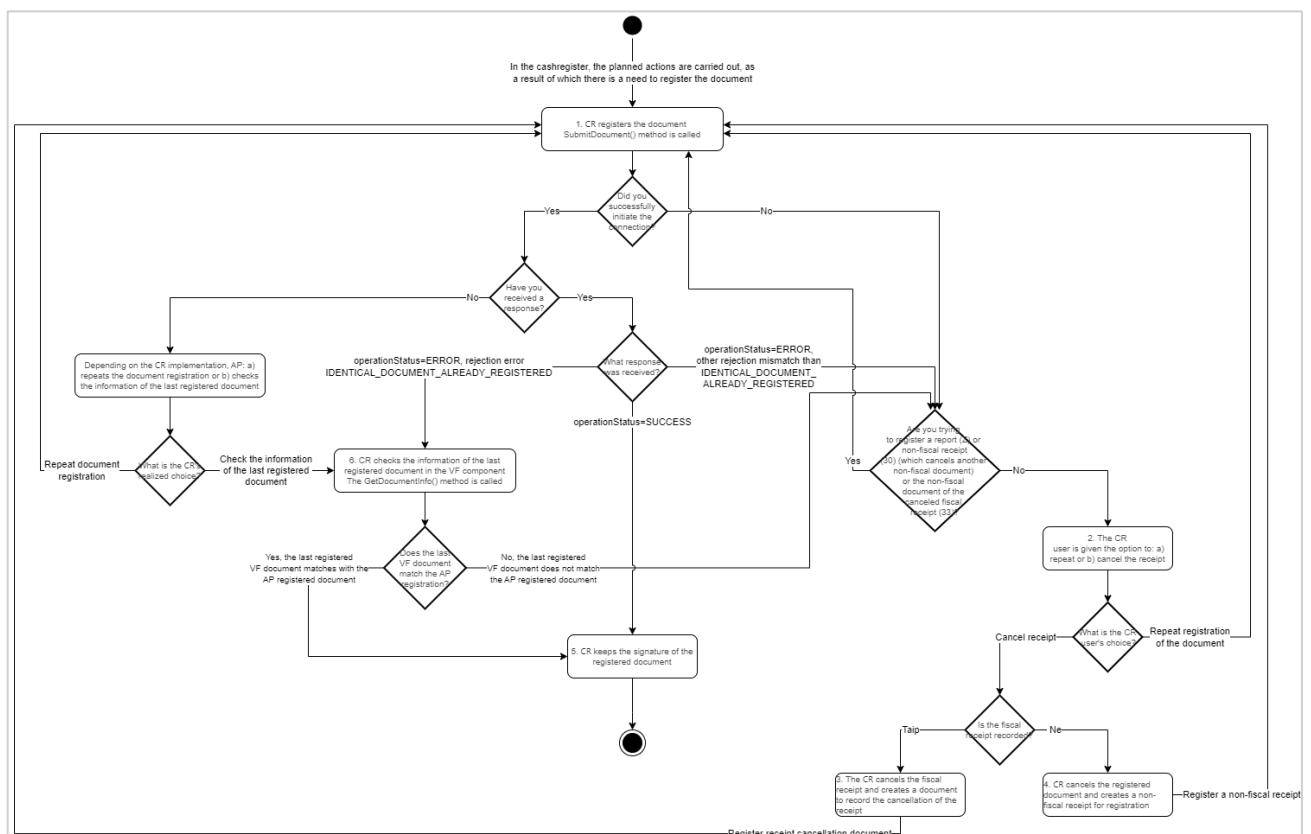
Process description:

Purpose:		Register the document for signing	
No.	Participant	Action	Description
Normal process "Document meets the requirements"			
1.	Cashregister	Registers the document for signature	Cashregister calls the SubmitDocument() document registration method of the web service and passes the data of the document to be registered. Note: in the case of an invalid transport certificate, service error is detected, and the document is not accepted.
2.	Virtual fiscalization component	Checks the document to be registered	The virtual fiscalization component checks being registered document whether it meets the structure and other requirements for the document.
3.	Virtual fiscalization component	Creates and signs an information block	The virtual fiscalization component creates and signs an information block, updates the values of the readings stored in the virtual fiscalization component (details about the accumulated readings and their updating are given in chapter 3.5. Rodmenys) and saves the document in the i.EKA subsystem.

4.	Virtual fiscalization component	Returns the created and signed information block to the cashregister	The virtual fiscalization component returns a successfully created and signed information block to the cashregister.
Alternative procedure "Re-registered document"			
5.	Virtual fiscalization component	Returns to the cashregister the last created and signed registered document information block.	During the verification of the registered document, if the Virtual Fiscalization component detects that the last document is re-registered, the Virtual Fiscalization component returns the information of the last successfully registered document to the cashregister. Note: A re-registered document is considered to be a document whose packageDocument element in the SubmitDocumentRequest structure is identical to the packageDocument parameter of the last registered document.
Alternative process "Document validation errors found"			
6.	Virtual fiscalization component	Returns an error to the cashregister	If inconsistencies in being registered document or data errors in the cashregister are detected during the inspection, The virtual fiscalization component returns an error to the cashregister.

10.1.2 The cashregister communication scheme with the Virtual Fiscalization component

The essential the function of the Virtual Fiscalization component provided to the cashregister is the registration of the document and the signing of the information block. This is done by the cashregister calling the SubmitDocument() method of the web service. The method is synchronous, and in case of successful registration, the cashregister will receive the created and signed information block of the document in the response data. However, in the event of communication failures when the cashregister calls the document registration method, the cashregister must follow the instructions described below:



Communication description:

No.	Action / condition	Description
1.	CR registers the document	Actions are performed at the cashregister, as a result of which there is a need to register a document to obtain a signature. This can be a fiscal receipt, a non-fiscal document or a report (Z). The cashregister registers the document, the SubmitDocument() method is called.. Further actions of the cashregister depend on whether the connection with the virtual fiscalization component was successfully initialized. • If the connection was successfully initialized, it checks the response: ○ After the cashregister receives a response, it is checked what response was received: ▪ If operationStatus=SUCCESS is received, it means the document has been successfully registered (go to step 5). This response will also be provided to the cashregister if the cashregister registers the same document repeatedly within the allowed number of repetitions. ▪ If operationStatus=ERROR and error IDENTICAL_DOCUMENT_ALREADY_REGISTERED is received, document registration failed because such a document has already been registered and the maximum number of re-registration attempts for the document has been exceeded (go to step 6). ▪ If operationStatus=ERROR and error other than IDENTICAL_DOCUMENT_ALREADY_REGISTERED is received, document registration failed (go to step 2). ○ If the cashregister initialized the connection but did not receive a response, it means that the SubmitDocument() method was called and the document could have been registered in the virtual fiscalization component. In this case, depending on the CR implementation, there are possible actions: a) repeat document registration (go to step 1); or b) check the information of the last registered document (go to step 6). Note: the cashregister manufacturer can choose which operating path to implement in this situation when implementing the operation logic of the cashregister. • If the cashregister did not even manage to initialize the connection and the SubmitDocument() method was not called (which means that the document could not be registered in the virtual fiscalization component), the next steps depend on the type of document you are trying to register: ○ If an attempt is made to register a report (Z) or a non-fiscal receipt (30), which is a cancellation of another non-fiscal document, or a non-fiscal document of a canceled fiscal receipt (33), then the CR must repeat the registration of the document (repeated, until successful registration, go to step 1) ○ If an attempt is made to register a fiscal receipt or a non-fiscal document (which is not a non-fiscal document of a canceled fiscal receipt (33) and is not a non-fiscal receipt (30) that cancels another non-fiscal document), further actions depend on the CR user's choice (go to step 2). Note no. 1: The cashregister when registering a document must ensure a consistent increase in document numbers even in the presence of communication errors with the virtual fiscalization component. This must be ensured either by means of a transaction (commit / rollback scheme), or the increase of the document numbers stored in the cashregister must be done only after receiving a successful document registration response. Example: When a cashregister tries to register a fiscal receipt and an error occurs, and the user decides to cancel the fiscal receipt, the cashregister must register a non-fiscal document of the canceled fiscal receipt. After these actions, the total serial number of documents and the serial number of non-fiscal documents in the report (Z) must increase by one unit in the cashregister. In the report of fiscal receipts (Z), the sequence number must remain unchanged. Note no. 2: If the cashregister fails to register the document, the user may be given the option to cancel the transaction in progress (the canceled transaction must be recorded in the electronic control tape). In case of cancellation of a fiscal receipt, a non-fiscal document of the canceled fiscal receipt is registered, in case of cancellation of a non-fiscal document, a non-fiscal receipt is registered (30). A report (Z) cannot be canceled in the cashregister. Cancellation of non-fiscal receipt (30) in the cashregister is allowed. For such cancellation, another non-fiscal receipt (30) with the same non-fiscal

No.	Action / condition	Description
		receipt number is created. The registration of such a non-fiscal receipt (30), which is formed as a cancellation in the cashregister, as well as the report (Z) must be attempted until it succeeds.
2.	CR the user is given a choice of: a) repeat or b) cancel the receipt	The cashregister gives the user a choice on how to proceed: a) try to repeat the registration of the current document again. If this option is selected, the cashregister retries the document registration by calling the SubmitDocument() method b) cancel the current document registration. When the user selects this option depending on the type of document, the cashregister behaves as follows: • If an attempt is made to register a fiscal receipt, then the fiscal receipt is canceled (go to step 3) • If an attempt was made to register a non-fiscal document, then the non-fiscal document is canceled (go to step 4).
3.	CR cancels the fiscal receipt and creates a receipt cancellation document for registration	CR user chooses to no longer register the fiscal receipt (cancel the receipt), the cashregister creates a receipt cancellation document with the same general document number (go to step 1, register the cancellation document).
4.	CR cancels the document to be registered and creates a non-fiscal receipt for registration	If the CR user chooses not to register a non-fiscal document, the cashregister creates a non-fiscal document with the same general document number (go to step 1, register a non-fiscal receipt).
5.	CR keeps the signature of the registered document	After successful registration of the document, CR saves the received document signature. The process is complete.
6.	CR checks the information of the last registered document	CR checks the information of the last successfully registered document, to compare whether the last document registered in the virtual fiscalization component matches the document CR is trying to register: • If the last document registered by VF coincides with the document CR is trying to register, it means document registration was successful (go to step 5). • If the last document registered by VF does not match the document that CR is trying to register, it means document registration failed.. Further actions depend on the type of document to be registered: ○ If an attempt is made to register a report (Z) or a non-fiscal receipt (30), then the CR must repeat the registration of the document (repeatedly, until registration is successful, go to step 1). ○ If an attempt is made to register a fiscal receipt or non-fiscal document (type other than non-fiscal receipt (30)), further actions depend on the CR user's choice (go to step 2).

10.1.3 The communication and security protocol

The Virtual Fiscalization component provides a SOAP and REST type API, where in both protocols the content of the request (document information to be registered) is transmitted in an XML format file. For the both protocols, the transmitted XML format files will have the same XSD schema. Requests sent must be signed with a transport certificate issued to the cashregister (Client Certificate Authentication is used).

REST protocol OpenAPI documentation:

- Virtual fiscalisation REST API EN.json

Virtual fiscalisation REST API EN.json

```
{
  "openapi": "3.0.1",
  "info": {
```

```

    "title": "VMI prie FM i.EKA the virtual fiscalization service",
    "description": "The virtual fiscalization service is intended for cashregister via API to register fiscal receipts, non-
fiscal documents and reports (Z) to i.EKA o receive a document signature, check the data of the last successfully
registered document, and receive data for the report (Z).",
    "version": "v1"
  },
  "paths": {
    "/Document": {
      "post": {
        "tags": [
          "VirtualFiscal"
        ],
        "summary": "The method is intended for the cashregister to register a document for signing in the virtual
fiscalization component.",
        "requestBody": {
          "content": {
            "application/json": {
              "schema": {
                "$ref": "#/components/schemas/SubmitDocumentRequest"
              }
            },
            "text/json": {
              "schema": {
                "$ref": "#/components/schemas/SubmitDocumentRequest"
              }
            },
            "application/*+json": {
              "schema": {
                "$ref": "#/components/schemas/SubmitDocumentRequest"
              }
            }
          }
        },
        "responses": {
          "200": {
            "description": "Success",
            "content": {
              "application/json": {
                "schema": {
                  "$ref": "#/components/schemas/SubmitDocumentResponse"
                }
              }
            }
          }
        }
      }
    },
    "/LatestDocument": {
      "get": {
        "tags": [
          "VirtualFiscal"
        ],

```

```

    "summary": "The method is intended for the cashregister to check the data of the last registered document in the
virtual fiscalization component.",
    "parameters": [
        {
            "name": "documentNumber",
            "in": "query",
            "schema": {
                "type": "integer",
                "format": "int32"
            }
        },
        {
            "name": "documentKind",
            "in": "query",
            "schema": {
                "$ref": "#/components/schemas/documentKind"
            }
        }
    ],
    "responses": {
        "200": {
            "description": "Success",
            "content": {
                "application/json": {
                    "schema": {
                        "$ref": "#/components/schemas/GetDocumentInfoResponse"
                    }
                }
            }
        }
    }
},
"/FiscalDay": {
    "get": {
        "tags": [
            "VirtualFiscal"
        ],
        "summary": "The method is intended for the cashregister to query the values of the readings stored in the virtual
fiscalization component.",
        "responses": {
            "200": {
                "description": "Success",
                "content": {
                    "application/json": {
                        "schema": {
                            "$ref": "#/components/schemas/GetFiscalDayInfoResponse"
                        }
                    }
                }
            }
        }
    }
}

```

```

    }
  }
},
"components": {
  "schemas": {
    "Descriptions": {
      "type": "object",
      "properties": {
        "description": {
          "maxLength": 1024,
          "minLength": 0,
          "type": "string",
          "description": "Error description.",
          "nullable": true
        },
      },
      "locale": {
        "$ref": "#/components/schemas/locale"
      }
    },
  },
  "additionalProperties": false,
  "description": "Error description form Defects reference book."
},
"DocumentInfo": {
  "type": "object",
  "properties": {
    "documentNumber": {
      "type": "integer",
      "description": "Document identification number.",
      "format": "int32"
    },
    "specificDocumentTypeNumber": {
      "$ref": "#/components/schemas/SpecificDocumentTypeNumber"
    },
    "documentInfoBlock": {
      "maxLength": 198,
      "minLength": 0,
      "type": "string",
      "description": "An information block created in the virtual fiscalization component, which is signed and the signature is returned in the documentSignature field.",
      "nullable": true
    },
    "documentSignature": {
      "maxLength": 344,
      "minLength": 0,
      "type": "string",
      "description": "Document signature of VMI (the signed information block is base64 coded). The cashregister must save this field in the electronic control tape.",
      "nullable": true
    },
    "signatureDateTime": {
      "type": "string",
      "description": "Date and time of signing the document.",

```

```

        "format": "date-time"
    },
    "documentType": {
        "$ref": "#/components/schemas/documentType"
    }
},
"additionalProperties": false,
"description": "A document information element that contains the generated and signed information block,
document number, and other fields. An element is returned if operationStatus = SUCCESS."
},
"Error": {
    "type": "object",
    "properties": {
        "severity": {
            "maxLength": 10,
            "minLength": 0,
            "type": "string",
            "description": "Error importance. Possible values: REJECT - rejection error, when the document is not registered
and signed due to essential errors. WARNING - a warning about a minor error or additional information related to the
submission of fiscal and other receipt data. In case of this error, the document is still registered and signed.",
            "nullable": true
        },
        "systemCode": {
            "maxLength": 64,
            "minLength": 0,
            "type": "string",
            "description": "System error code. Possible values are given Defects reference book.",
            "nullable": true
        },
        "detail": {
            "maxLength": 512,
            "minLength": 0,
            "type": "string",
            "description": "Location of the error. If the error is related to a specific element in the transferred file, the path
to a specific element is specified, for which the error has been identified, eg:
document/documentHeader/documentNumber",
            "nullable": true
        },
        "errorCode": {
            "maxLength": 6,
            "minLength": 0,
            "type": "string",
            "description": "Error code. Possible values are given Defects reference book.",
            "nullable": true
        },
        "descriptions": {
            "type": "array",
            "items": {
                "$ref": "#/components/schemas/Descriptions"
            }
        },
        "nullable": true
    }
}

```



```

    },
    "additionalProperties": false,
    "description": "Error."
  },
  "Errors": {
    "type": "object",
    "properties": {
      "error": {
        "type": "array",
        "items": {
          "$ref": "#/components/schemas/Error"
        },
        "nullable": true
      }
    }
  },
  "additionalProperties": false,
  "description": "List of rejection and/or warning errors. The element is returned if there are rejection and/or
warning errors."
},
"FiscalDayInfo": {
  "type": "object",
  "properties": {
    "gtSales": {
      "type": "number",
      "description": "The total sales amount (including tax).",
      "format": "double"
    },
    "gtSalesTaxAmount": {
      "type": "number",
      "description": "The total amount of sales taxes accounted for.",
      "format": "double"
    },
    "gtBuying": {
      "type": "number",
      "description": "The total accounted amount paid for purchased goods.",
      "format": "double"
    },
    "totalReceiptQuantity": {
      "type": "integer",
      "description": "Total number of signed fiscal receipts.",
      "format": "int32"
    },
    "totalOtherDocumentsQuantity": {
      "type": "integer",
      "description": "Total number of signed non-fiscal receipts.",
      "format": "int32"
    },
    "totalFiscalDayDocumentsQuantity": {
      "type": "integer",
      "description": "Total number of signed reports (Z).",
      "format": "int32"
    }
  },

```

```

    "lastDocumentNumber": {
      "type": "integer",
      "description": "Number of the last signed document.The element is returned if there is at least one registered
document.",
      "format": "int32"
    },
    "lastReceiptNumber": {
      "type": "integer",
      "description": "Number of the last signed fiscal receipt.The item is returned if there is at least one registered
fiscal receipt document.",
      "format": "int32"
    },
    "lastOtherDocumentNumber": {
      "type": "integer",
      "description": "Number of the last signed non-fiscal receipt.The element is returned if there is at least one
registered non-fiscal document.",
      "format": "int32"
    },
    "lastFiscalDayDocumentNumber": {
      "type": "integer",
      "description": "Number of the last signed report (Z).The element is returned if there is at least one registered
report (Z) document.",
      "format": "int32"
    }
  },
  "additionalProperties": false,
  "description": "The data of the readings are stored in the virtual fiscalization component of the cashregisters.An
element is returned if operationStatus = SUCCESS."
},
"GetDocumentInfoResponse": {
  "type": "object",
  "properties": {
    "operationStatus": {
      "maxLength": 36,
      "minLength": 0,
      "type": "string",
      "description": "Status of the operation. Possible values:SUCCESS - the operation is successful, the document is
successfully registered and signed.ERROR - operation failed, document not registered.",
      "nullable": true
    },
    "documentInfo": {
      "$ref": "#/components/schemas/DocumentInfo"
    },
    "errors": {
      "$ref": "#/components/schemas/Errors"
    }
  },
  "additionalProperties": false
},
"GetFiscalDayInfoResponse": {
  "type": "object",
  "properties": {

```

```

"operationStatus": {
  "maxLength": 10,
  "minLength": 0,
  "type": "string",
  "description": "Status of the operation. Possible values: •\tSUCCESS - the operation is successful, the document
is successfully registered and signed. •\tERROR - operation failed, document not registered.",
  "nullable": true
},
"fiscalDayInfo": {
  "$ref": "#/components/schemas/FiscalDayInfo"
},
"errors": {
  "$ref": "#/components/schemas/Errors"
}
},
"additionalProperties": false
},
"SpecificDocumentTypeNumber": {
  "type": "object",
  "properties": {
    "fiscalDayNumber": {
      "type": "integer",
      "description": "The number of the report (Z) related to the document to be submitted.",
      "format": "int32"
    },
    "receiptNumberInFiscalDay": {
      "type": "integer",
      "description": "The number of the fiscal receipt in the report (Z).This element is mandatory if a fiscal receipt is
provided.",
      "format": "int32",
      "nullable": true
    },
    "nonFiscalDocumentNumberInFiscalDay": {
      "type": "integer",
      "description": "Non-fiscal receipt number in the report (Z).To be completed if a non-fiscal receipt is provided.",
      "format": "int32",
      "nullable": true
    }
  },
  "additionalProperties": false,
  "description": "Number of a specific document type."
},
"SubmitDocumentRequest": {
  "required": [
    "packageDocument",
    "requestDateTime",
    "requestNumber"
  ],
  "type": "object",
  "properties": {
    "packageDocument": {
      "minLength": 1,

```

```

        "type": "string",
        "description": "base64 encoded registered document. The description of the structure is given in the
description of the packageDocument structure."
    },
    "requestNumber": {
        "maxLength": 36,
        "minLength": 0,
        "type": "string",
        "description": "Unique request identifier of the cashregister."
    },
    "requestDateTime": {
        "type": "string",
        "description": "Request submission time.",
        "format": "date-time"
    }
},
"additionalProperties": false
},
"SubmitDocumentResponse": {
    "type": "object",
    "properties": {
        "operationStatus": {
            "maxLength": 10,
            "minLength": 0,
            "type": "string",
            "description": "Status of the operation. Possible values: SUCCESS - the operation is successful, the document is
successfully registered and signed.ERROR - operation failed, document not registered.",
            "nullable": true
        },
        "requestNumber": {
            "maxLength": 36,
            "minLength": 0,
            "type": "string",
            "description": "The unique request identifier of the cashregister (the value provided in the request is
returned).",
            "nullable": true
        },
        "documentInfo": {
            "$ref": "#/components/schemas/DocumentInfo"
        },
        "repeatedRegistration": {
            "type": "boolean",
            "description": "Indication of re-registration of the document. Possible values:0 - the document is being
registered for the first time.1 - re-registered document (the document to be registered in the virtual fiscalization
component has already been registered and a response to the request for a re-registered document is provided).An
element is returned if operationStatus = SUCCESS.",
            "nullable": true
        },
        "errors": {
            "$ref": "#/components/schemas/Errors"
        }
    }
},

```

```

    "additionalProperties": false
  },
  "documentKind": {
    "enum": [
      "fiscalReceipt",
      "fiscalDay",
      "nonFiscalReceipt"
    ],
    "type": "string",
    "description": "Document type: fiscalReceipt - Fiscal receipt. fiscalDay - Report (Z). nonFiscalReceipt - Non-fiscal
document.Specifying a document type will return the last registered document of that type. If the document number
and document type are specified, the search will be performed according to the document type, but if the received
document is with a different number than specified in the request, an error will be returned."
  },
  "documentType": {
    "enum": [
      "receipt",
      "fiscalDay",
      "nonFiscalDocument",
      "nonFiscalCollectionDocument",
      "nonFiscalPIMaintenanceDocument",
      "nonFiscalCancelationDocument",
      "nonFiscalTaxChangeDocument",
      "nonFiscalTechnicalRefuelingDocument",
      "preOrderDocument",
      "nonFiscalReturnDocument",
      "nonFiscalFinancialDocument",
      "gasStationOperationViolationDocument"
    ],
    "type": "string",
    "description": "Document type."
  },
  "locale": {
    "enum": [
      "EN",
      "LT"
    ],
    "type": "string",
    "description": "An attribute specifying the language of the error message. Attribute Values: EN - error message in
English; LT - error message in Lithuanian."
  }
}
}
}

```

SOAP protocol WSDL:

- Virtual fiscalisation SOAP API_EN.wsdl

Virtual fiscalisation SOAP API_EN.wsdl

```

<?xml version='1.0' encoding='UTF-8'?>
<wsdl:definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:tns="http://vf.ieka.vmi.lt"

```

```

xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:http="http://schemas.microsoft.com/ws/06/2004/policy/http"
xmlns:msc="http://schemas.microsoft.com/ws/2005/12/wsd/contract"
xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata" xmlns:wsi="http://schemas.xmlsoap.org/wsi/"
targetNamespace="http://vf.ieka.vmi.lt" name="IVirtualFiscalService">
<wsdl:types>
  <xsd:schema elementFormDefault="qualified" targetNamespace="http://vf.ieka.vmi.lt">
    <xsd:import namespace="http://schemas.microsoft.com/2003/10/Serialization/Arrays" />
    <xsd:import namespace="http://schemas.datacontract.org/2004/07/System" />
    <xsd:element name="SubmitDocument">
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Metodas skirtas atsiskaitymo priemonei registruoti dokumentą pasirašymui
virtualios fiskalizacijos komponente.</xsd:documentation>
        <xsd:documentation xml:lang="en">The method is intended for the cashregister to register a document for
signing in the virtual fiscalization component.</xsd:documentation>
      </xsd:annotation>
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="request" type="tns:SubmitDocumentRequest" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SubmitDocumentResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="SubmitDocumentResult"
type="tns:SubmitDocumentResponse" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetDocumentInfo">
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Metodas skirtas atsiskaitymo priemonei pasitikrinti paskutinio registruoto
dokumento duomenis virtualios fiskalizacijos komponente.</xsd:documentation>
        <xsd:documentation xml:lang="en">The method is intended for the cashregister to check the data of the last
registered document in the virtual fiscalization component.</xsd:documentation>
      </xsd:annotation>
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="request" type="tns:GetDocumentInfoRequest" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetDocumentInfoResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element minOccurs="0" maxOccurs="1" name="GetDocumentInfoResult"
type="tns:GetDocumentInfoResponse" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:schema>

```

```

</xsd:element>
<xsd:element name="GetFiscalDayInfo">
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Metodas skirtas atsiskaitymo priemonei užklausti virtualios fiskalizacijos
komponente saugomų rodmenų reikšmių.</xsd:documentation>
    <xsd:documentation xml:lang="en">The method is intended for the cashregister to query the values of the
readings stored in the virtual fiscalization component.</xsd:documentation>
  </xsd:annotation>
  <xsd:complexType />
</xsd:element>
<xsd:element name="GetFiscalDayInfoResponse">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element minOccurs="0" maxOccurs="1" name="GetFiscalDayInfoResult"
type="tns:GetFiscalDayInfoResponse" />
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
<xsd:complexType name="SubmitDocumentRequest">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="packageDocument" type="xsd:string" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">base64 koduotas registruojamas dokumentas. Struktūros aprašas pateiktas
packageDocument struktūros aprašyme.</xsd:documentation>
        <xsd:documentation xml:lang="en">base64 encoded registered document. The description of the structure is
given in the description of the packageDocument structure.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element minOccurs="0" maxOccurs="1" name="requestNumber" type="xsd:string" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Atsiskaitymo priemonės unikalus užklauso
identifikatorius.</xsd:documentation>
        <xsd:documentation xml:lang="en">The unique identifier of the request for the
cashregister.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element minOccurs="1" maxOccurs="1" name="requestDateTime" type="xsd:dateTime" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Užklauso pateikimo laikas.</xsd:documentation>
        <xsd:documentation xml:lang="en">Time of request.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="SubmitDocumentResponse">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="operationStatus" type="xsd:string" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Operacijos būseną. Galimos reikšmės:SUCCESS - operacija sėkminga,
dokumentas sėkmingai registruotas ir pasirašytas.ERROR - operacija nesėkminga, dokumentas
neužregistruotas.</xsd:documentation>
        <xsd:documentation xml:lang="en">Status of the operation. Possible values: SUCCESS - the operation is

```

successful, the document is successfully registered and signed.ERROR - operation failed, document not registered.</xsd:documentation>

```

</xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="requestNumber" type="xsd:string" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Atsiskaitymo priemonės unikalus užklausos identifikatorius (grąžinama užklausoje pateikta reikšmė).</xsd:documentation>
    <xsd:documentation xml:lang="en">The unique request identifier of the cashregister (the value provided in the request is returned).</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="documentInfo" type="tns:DocumentInfo" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Dokumento informacijos elementas, kuriame pateikiamas suformuotas ir pasirašytas informacinis blokas, dokumento numeris ir kiti laukai.Elementas grąžinamas, jei operationStatus = SUCCESS.</xsd:documentation>
    <xsd:documentation xml:lang="en">A document information element that contains the generated and signed information block, document number, and other fields.An element is returned if operationStatus = SUCCESS.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="repeatedRegistration" type="xsd:boolean" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Pakartotinio dokumento registravimo požymis. Galimos reikšmės:0 - pirmą kartą registruojamas dokumentas.1 - pakartotinai registruojamas dokumentas (virtualios fiskalizacijos komponente registruojamas dokumentas jau buvo registruotas ir pateikiamas atsakymas į pakartotinai registruojamo dokumento užklausą).Elementas grąžinamas, jei operationStatus = SUCCESS.</xsd:documentation>
    <xsd:documentation xml:lang="en">Indication of re-registration of the document. Possible values:0 - the document is being registered for the first time.1 - re-registered document (the document to be registered in the virtual fiscalization component has already been registered and a response to the request for a re-registered document is provided).An element is returned if operationStatus = SUCCESS.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="errors" type="tns:Errors" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Atmetimo ir/arba perspėjimo neatitikčių sąrašas.Elementas grąžinamas, jei yra atmetimo ir/arba perspėjimo neatitikčių.</xsd:documentation>
    <xsd:documentation xml:lang="en">List of rejection and/or warning mismatches. The element is returned if there are rejection and/or warning mismatches.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="GetDocumentInfoRequest">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="documentNumber" type="xsd:int" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Dokumento, kurio duomenis norima gauti, identifikuojantis numeris. Nenurodžius nei documentNumber, nei documentKind, bus grąžinta paskutinio registruoto dokumento informacija. Jei dokumentas pagal pateiktus parametrus nerastas grąžinama neatitiktis 11100.</xsd:documentation>
        <xsd:documentation xml:lang="en">Identification number of the document whose data is to be obtained. If

```


neither documentNumber nor documentKind is specified, the information of the last registered document will be returned. If the document is not found according to the given parameters, a mismatch of 11100 is returned.

```

</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="documentKind" type="tns:documentKind" >
<xsd:annotation>
<xsd:documentation xml:lang="lt">Dokumento rūšis:0 - Fiskalinis kvitas.1 - Ataskaita (Z).2 - Nefiskalinis
dokumentas.Nurodžius dokumento rūšį, bus grąžintas paskutinis registruotas tos rūšies dokumentas. Nurodžius
dokumento numerį ir dokumento rūšį, paieška bus atliekama pagal dokumento rūšį, tačiau jei gautas dokumentas bus
su kitu numeriu nei nurodyta užklausoje, bus grąžinta klaidą.</xsd:documentation>
<xsd:documentation xml:lang="en">Document type:0 - Fiscal receipt.1 - Report (Z).2 - Non-fiscal
document.Specifying a document type will return the last registered document of that type. If the document number
and document type are specified, the search will be performed according to the document type, but if the received
document is with a different number than specified in the request, an error will be returned.</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="GetDocumentInfoResponse">
<xsd:sequence>
<xsd:element minOccurs="0" maxOccurs="1" name="operationStatus" type="xsd:string" >
<xsd:annotation>
<xsd:documentation xml:lang="lt">Operacijos būseną. Galimos reikšmės:• SUCCESS - operacija sėkminga,
dokumentas sėkmingai registruotas ir pasirašytas.• ERROR - operacija nesėkminga, dokumentas
neužregistruotas.</xsd:documentation>
<xsd:documentation xml:lang="en">Status of the operation. Possible values:• SUCCESS - the operation is
successful.• ERROR - the operation is unsuccessful.</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="documentInfo" type="tns:DocumentInfo" >
<xsd:annotation>
<xsd:documentation xml:lang="lt">Dokumento informacijos elementas, kuriame pateikiamas suformuotas ir
pasirašytas informacinis blokas, dokumento numeris ir kiti laukai.Elementas grąžinamas, jei operationStatus =
SUCCESS.</xsd:documentation>
<xsd:documentation xml:lang="en">A document information element that contains the generated and signed
information block, document number, and other fields.An element is returned if operationStatus =
SUCCESS.</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="errors" type="tns:Errors" >
<xsd:annotation>
<xsd:documentation xml:lang="lt">Atmetimo ir/arba perspėjimo neatitikčių sąrašas.Elementas grąžinamas, jei
yra atmetimo ir/arba perspėjimo neatitikčių.</xsd:documentation>
<xsd:documentation xml:lang="en">List of rejection and/or warning mismatches. The element is returned if
there are rejection and/or warning mismatches.</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="GetFiscalDayInfoResponse">
<xsd:sequence>

```

```

<xsd:element minOccurs="0" maxOccurs="1" name="operationStatus" type="xsd:string" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Operacijos būsena. Galimos reikšmės:• SUCCESS - operacija sėkminga,
dokumentas sėkmingai registruotas ir pasirašytas.• ERROR - operacija nesėkminga, dokumentas
neužregistruotas.</xsd:documentation>
    <xsd:documentation xml:lang="en">Status of the operation. Possible values:• SUCCESS - the operation is
successful, the document is successfully registered and signed.• ERROR - operation failed, document not
registered.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="fiscalDayInfo" type="tns:FiscalDayInfo" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Atsiskaitymo priemonės virtualios fiskalizacijos komponente saugomi
rodmenų duomenys.Elementas grąžinamas, jei operationStatus = SUCCESS.</xsd:documentation>
    <xsd:documentation xml:lang="en">The data of the readings are stored in the virtual fiscalization component
of the cashregisters.An element is returned if operationStatus = SUCCESS.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="0" maxOccurs="1" name="errors" type="tns:Errors" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Atmetimo ir/arba perspėjimo neatitikčių sąrašas.Elementas grąžinamas, jei
yra atmetimo ir/arba perspėjimo neatitikčių.</xsd:documentation>
    <xsd:documentation xml:lang="lt">List of rejection and/or warning mismatches.The element is returned if
there are rejection and/or warning mismatches.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="DocumentInfo">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="documentNumber" type="xsd:int" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Dokumentą identifikuojantis numeris.</xsd:documentation>
        <xsd:documentation xml:lang="en">Document identification number.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element minOccurs="0" maxOccurs="1" name="specificDocumentTypeNumber"
type="tns:SpecificDocumentTypeNumber" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Konkretaus dokumento tipo numeris.</xsd:documentation>
        <xsd:documentation xml:lang="en">Number of a specific document type.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element minOccurs="0" maxOccurs="1" name="documentInfoBlock" type="xsd:string" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Virtualios fiskalizacijos komponente suformuotas informacinis blokas, kuris
yra pasirašytas ir parašas grąžinamas documentSignature lauke.</xsd:documentation>
        <xsd:documentation xml:lang="en">An information block created in the virtual fiscalization component, which
is signed and the signature is returned in the documentSignature field.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element minOccurs="0" maxOccurs="1" name="documentSignature" type="xsd:string" >

```

```

<xsd:annotation>
  <xsd:documentation xml:lang="lt">Dokumento VMI parašas (pasirašytas suformuotas informacinis blokas
base64 koduotas). Atsiskaitymo priemonė šį lauką privalo išsaugoti elektroninėje kontrolinėje
juostoje.</xsd:documentation>
  <xsd:documentation xml:lang="en">Document signature of VMI (the signed information block is base64
coded). The cashregister must save this field in the electronic control tape.</xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="signatureDateTime" type="xsd:dateTime" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Dokumento pasirašymo data ir laikas.</xsd:documentation>
    <xsd:documentation xml:lang="en">Date and time of signing the document.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="documentType" type="tns:documentType" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Dokumento tipas:0 - Fiskalinis kvitas.1 - Ataskaita (Z).30 - Nefiskalinis
kvitas.31 - Nefiskalinis grynųjų pinigų įdėjimo ir išėmimo kvitas.32 - Nefiskalinis kasos aparato techninės priežiūros
arba remonto operacijų kvitas.33 - Nefiskalinis panaikinto fiskalinio kvito dokumentas.34 - Nefiskalinis mokesčių
keitimo dokumentas.35 - Nefiskalinis techninio kuro pylimo kvitas.36 - Išankstinė sąskaita.37 - Nefiskalinis prekių
grąžinimo ir (arba) paslaugų atsisakymo dokumentas.38 - Nefiskalinis kitų lėšų sumokėjimo / išmokėjimo operacijų
kvitas.41 - Nefiskalinis informacijos perdavimo pažeidimo kvitas.</xsd:documentation>
    <xsd:documentation xml:lang="en">Document type:0 - Fiscal receipt.1 - Report (Z).30 - Non-fiscal receipt.31 -
Non-fiscal cash deposit and removal receipt.32 - Non-fiscal receipt for the cashregister maintenance or repair
operations.33 - Non-fiscal document of canceled fiscal receipt.34 - Non-fiscal tax exchange document.35 - Non-fiscal
receipt for filling technical fuel.36 - Prepaid account.37 - Non-fiscal document for return of goods and/or refusal of
services.38 - Non-fiscal payment of other funds / disbursement transactions receipt.41 - Non-fiscal information
transfer violation receipt.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:element name="DocumentInfo" nillable="true" type="tns:DocumentInfo" />
<xsd:complexType name="Errors">
  <xsd:sequence>
    <xsd:element minOccurs="0" maxOccurs="1" name="error" nillable="true" type="tns:ArrayOfError" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Neatitiktis.</xsd:documentation>
        <xsd:documentation xml:lang="en">Non-compliance.</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FiscalDayInfo">
  <xsd:sequence>
    <xsd:element minOccurs="1" maxOccurs="1" name="GTSales" type="xsd:decimal" >
      <xsd:annotation>
        <xsd:documentation xml:lang="lt">Bendra apskaitytų pardavimų (įskaitant mokesčius)
suma.</xsd:documentation>
        <xsd:documentation xml:lang="en">The total accounted sales amount (including tax).</xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>

```

```

<xsd:element minOccurs="1" maxOccurs="1" name="GTSalesTaxAmount" type="xsd:decimal" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Bendra apskaitytų pardavimų mokesčių suma.</xsd:documentation>
    <xsd:documentation xml:lang="en">The total amount of sales taxes accounted for..</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="GTBuying" type="xsd:decimal" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Bendra apskaityta už supirktas prekes išmokėta
suma.</xsd:documentation>
    <xsd:documentation xml:lang="en">The total accounted amount for paid purchased
goods.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="totalReceiptQuantity" type="xsd:int" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Bendras pasirašytų fiskalinių kvitų kiekis.</xsd:documentation>
    <xsd:documentation xml:lang="en">Total number of signed fiscal receipts.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="totalOtherDocumentsQuantity" type="xsd:int" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Bendras pasirašytų nefiskalinių kvitų kiekis.</xsd:documentation>
    <xsd:documentation xml:lang="en">Total number of signed non-fiscal receipts.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="totalFiscalDayDocumentsQuantity" type="xsd:int" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Bendras pasirašytų ataskaitų (Z) kiekis.</xsd:documentation>
    <xsd:documentation xml:lang="en">Total number of signed reports (Z).</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="lastDocumentNumber" type="xsd:int" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Paskutinio pasirašyto dokumento numeris.Elementas grąžinamas, jei yra
bent vienas registruotas dokumentas.</xsd:documentation>
    <xsd:documentation xml:lang="en">Number of the last signed document.The element is returned if there is at
least one registered document.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="lastReceiptNumber" type="xsd:int" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Paskutinio pasirašyto fiskalinio kvito numeris.Elementas grąžinamas, jei yra
bent vienas registruotas fiskalinio kvito dokumentas.</xsd:documentation>
    <xsd:documentation xml:lang="en">Number of the last signed fiscal receipt.The item is returned if there is at
least one registered fiscal receipt document.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="lastOtherDocumentNumber" type="xsd:int" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Paskutinio pasirašyto nefiskalinio kvito numeris.Elementas grąžinamas, jei
yra bent vienas registruotas nefiskalinis dokumentas.</xsd:documentation>

```

```

        <xsd:documentation xml:lang="en">Number of the last signed non-fiscal receipt.The element is returned if
there is at least one registered non-fiscal document.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="lastFiscalDayDocumentNumber" type="xsd:int" >
    <xsd:annotation>
        <xsd:documentation xml:lang="lt">Paskutinės pasirašytos ataskaitos (Z) numeris.Elementas grąžinamas, jei yra
bent vienas registruotas ataskaitos (Z) dokumentas.</xsd:documentation>
        <xsd:documentation xml:lang="en">Number of the last signed report (Z).The element is returned if there is at
least one registered report (Z) document.</xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="SpecificDocumentTypeNumber">
    <xsd:sequence>
        <xsd:element minOccurs="1" maxOccurs="1" name="fiscalDayNumber" type="xsd:int" >
            <xsd:annotation>
                <xsd:documentation xml:lang="lt">Su teikiamu dokumentu susijusios ataskaitos (Z)
numeris.</xsd:documentation>
                <xsd:documentation xml:lang="en">The number of the report (Z) related to the document to be
submitted.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element minOccurs="1" maxOccurs="1" name="receiptNumberInFiscalDay" type="xsd:int" >
            <xsd:annotation>
                <xsd:documentation xml:lang="lt">Fiskalinio kvito numeris ataskaitoje (Z).Elementą privaloma užpildyti, jei
teikiamas fiskalinis kvitas.</xsd:documentation>
                <xsd:documentation xml:lang="en">The number of the fiscal receipt in the report (Z).This element is
mandatory if a fiscal receipt is provided.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element minOccurs="1" maxOccurs="1" name="nonFiscalDocumentNumberInFiscalDay" type="xsd:int" >
            <xsd:annotation>
                <xsd:documentation xml:lang="lt">Nefiskalinio kvito numeris ataskaitoje (Z).Elementą privaloma užpildyti, jei
teikimas nefiskalinis kvitas.</xsd:documentation>
                <xsd:documentation xml:lang="en">Non-fiscal receipt number in the report (Z).To be completed if a non-fiscal
receipt is provided.</xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="ArrayOfError">
    <xsd:sequence>
        <xsd:element minOccurs="0" maxOccurs="unbounded" nillable="true" name="Error" type="tns:Error" />
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Error">
    <xsd:sequence>
        <xsd:element minOccurs="0" maxOccurs="1" name="severity" type="xsd:string" >
            <xsd:annotation>
                <xsd:documentation xml:lang="lt">Neatitikties reikšmingumas. Galimos reikšmės:REJECT - atmetimo

```

neatitiktis, kai dėl esminių klaidų dokumentas nėra registruojamas ir pasirašomas. WARNING - perspėjimas dėl nereikšmingos neatitikties ar papildoma informacija, susijusi su fiskalinių ir kitų kvito duomenų pateikimu. Esant šiai neatitiktčiai dokumentas vis tiek registruojamas ir pasirašomas.

<xsd:documentation xml:lang="en">Mismatch importance. Possible values: REJECT - rejection mismatch, when the document is not registered and signed due to essential errors. WARNING - a warning about a minor mismatch or additional information related to the submission of fiscal and other receipt data. In case of this mismatch, the document is still registered and signed.</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element minOccurs="0" maxOccurs="1" name="systemCode" type="xsd:string" >

<xsd:annotation>

<xsd:documentation xml:lang="lt">Sisteminis neatitikties kodas. Galimos reikšmės pateiktos Trūkumų žinyne.</xsd:documentation>

<xsd:documentation xml:lang="en">System mismatch code. Possible values are given Trūkumų žinyne</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element minOccurs="0" maxOccurs="1" name="detail" type="xsd:string" >

<xsd:annotation>

<xsd:documentation xml:lang="lt">Neatitikties vieta. Jei neatitiktis yra susijusi su konkrečiu elementu perduotoje rinkmenoje, nurodomas kelias iki konkretaus elemento, kuriam nustatyta neatitiktis, pvz.: document/documentHeader/documentNumber </xsd:documentation>

<xsd:documentation xml:lang="en">Location of the mismatch. If the mismatch is related to a specific element in the transferred file, the path to a specific element is specified, for which the mismatch has been identified, eg: document/documentHeader/documentNumber </xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element minOccurs="0" maxOccurs="1" name="errorCode" type="xsd:string" >

<xsd:annotation>

<xsd:documentation xml:lang="lt">Neatitikties kodas. Galimos reikšmės pateiktos Trūkumų žinyne.</xsd:documentation>

<xsd:documentation xml:lang="en">Mismatch code. Possible values are given Trūkumų žinyne.</xsd:documentation>

</xsd:annotation>

</xsd:element>

<xsd:element minOccurs="0" maxOccurs="1" name="descriptions" nillable="true"

type="tns:ArrayOfDescriptions" >

<xsd:annotation>

<xsd:documentation xml:lang="lt">Neatitikties aprašymas iš Trūkumų žinyne.</xsd:documentation>

<xsd:documentation xml:lang="en">Neatitikties aprašymas iš Trūkumų žinyne.</xsd:documentation>

</xsd:annotation>

</xsd:element>

</xsd:sequence>

</xsd:complexType>

<xsd:complexType name="ArrayOfDescriptions">

<xsd:sequence>

<xsd:element minOccurs="0" maxOccurs="unbounded" nillable="true" name="Descriptions" type="tns:Descriptions" />

</xsd:sequence>

</xsd:complexType>

<xsd:complexType name="Descriptions">

<xsd:sequence>

```

<xsd:element minOccurs="0" maxOccurs="1" name="description" type="xsd:string" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Neatitikties pranešimas.</xsd:documentation>
    <xsd:documentation xml:lang="en">Non-compliance message.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element minOccurs="1" maxOccurs="1" name="locale" type="tns:locale" >
  <xsd:annotation>
    <xsd:documentation xml:lang="lt">Atributas, nurodantis neatitikties pranešimo kalbą. Atributo reikšmės:EN -
    neatitikties pranešimas anglų kalba;LT - neatitikties pranešimas lietuvių kalba.</xsd:documentation>
    <xsd:documentation xml:lang="en">An attribute specifying the language of the mismatch message. Attribute
    Values:EN - mismatch message in English;LT - mismatch message in Lithuania.</xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:simpleType name="documentKind">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="fiscalReceipt" />
    <xsd:enumeration value="fiscalDay" />
    <xsd:enumeration value="nonFiscalReceipt" />
  </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="documentType">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="receipt" />
    <xsd:enumeration value="fiscalDay" />
    <xsd:enumeration value="nonFiscalDocument" />
    <xsd:enumeration value="nonFiscalCollectionDocument" />
    <xsd:enumeration value="nonFiscalPIMaintenanceDocument" />
    <xsd:enumeration value="nonFiscalCancelationDocument" />
    <xsd:enumeration value="nonFiscalTaxChangeDocument" />
    <xsd:enumeration value="nonFiscalTechnicalRefuelingDocument" />
    <xsd:enumeration value="preOrderDocument" />
    <xsd:enumeration value="nonFiscalReturnDocument" />
    <xsd:enumeration value="nonFiscalFinancialDocument" />
    <xsd:enumeration value="gasStationOperationViolationDocument" />
  </xsd:restriction>
</xsd:simpleType>
<xsd:simpleType name="locale">
  <xsd:restriction base="xsd:string">
    <xsd:enumeration value="EN" />
    <xsd:enumeration value="LT" />
  </xsd:restriction>
</xsd:simpleType>
</xsd:schema>
</wsdl:types>
<wsdl:message name="IVirtualFiscalService_SubmitDocument_InputMessage">
  <wsdl:part name="parameters" element="tns:SubmitDocument" />
</wsdl:message>
<wsdl:message name="IVirtualFiscalService_SubmitDocument_OutputMessage">
  <wsdl:part name="parameters" element="tns:SubmitDocumentResponse" />

```



```

</wsdl:message>
<wsdl:message name="IVirtualFiscalService_GetDocumentInfo_InputMessage">
  <wsdl:part name="parameters" element="tns:GetDocumentInfo" />
</wsdl:message>
<wsdl:message name="IVirtualFiscalService_GetDocumentInfo_OutputMessage">
  <wsdl:part name="parameters" element="tns:GetDocumentInfoResponse" />
</wsdl:message>
<wsdl:message name="IVirtualFiscalService_GetFiscalDayInfo_InputMessage">
  <wsdl:part name="parameters" element="tns:GetFiscalDayInfo" />
</wsdl:message>
<wsdl:message name="IVirtualFiscalService_GetFiscalDayInfo_OutputMessage">
  <wsdl:part name="parameters" element="tns:GetFiscalDayInfoResponse" />
</wsdl:message>
<wsdl:portType name="IVirtualFiscalService">
  <wsdl:operation name="SubmitDocument">
    <wsdl:input message="tns:IVirtualFiscalService_SubmitDocument_InputMessage" />
    <wsdl:output message="tns:IVirtualFiscalService_SubmitDocument_OutputMessage" />
  </wsdl:operation>
  <wsdl:operation name="GetDocumentInfo">
    <wsdl:input message="tns:IVirtualFiscalService_GetDocumentInfo_InputMessage" />
    <wsdl:output message="tns:IVirtualFiscalService_GetDocumentInfo_OutputMessage" />
  </wsdl:operation>
  <wsdl:operation name="GetFiscalDayInfo">
    <wsdl:input message="tns:IVirtualFiscalService_GetFiscalDayInfo_InputMessage" />
    <wsdl:output message="tns:IVirtualFiscalService_GetFiscalDayInfo_OutputMessage" />
  </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="BasicHttpBinding_IVirtualFiscalService_soap" type="tns:IVirtualFiscalService">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
  <wsdl:operation name="SubmitDocument">
    <soap:operation soapAction="http://vf.ieka.vmi.lt/IVirtualFiscalService/SubmitDocument" style="document" />
    <wsdl:input>
      <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap:body use="literal" />
    </wsdl:output>
  </wsdl:operation>
  <wsdl:operation name="GetDocumentInfo">
    <soap:operation soapAction="http://vf.ieka.vmi.lt/IVirtualFiscalService/GetDocumentInfo" style="document" />
    <wsdl:input>
      <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
      <soap:body use="literal" />
    </wsdl:output>
  </wsdl:operation>
  <wsdl:operation name="GetFiscalDayInfo">
    <soap:operation soapAction="http://vf.ieka.vmi.lt/IVirtualFiscalService/GetFiscalDayInfo" style="document" />
    <wsdl:input>
      <soap:body use="literal" />
    </wsdl:input>

```



```

    <wsdl:output>
      <soap:body use="literal" />
    </wsdl:output>
  </wsdl:operation>
</wsdl:binding>
<wsdl:service name="IVirtualFiscalService">
  <wsdl:port name="BasicHttpBinding_IVirtualFiscalService_soap"
binding="tns:BasicHttpBinding_IVirtualFiscalService_soap">
    <soap:address location="http://localhost:42001/VirtualFiscalX" />
  </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

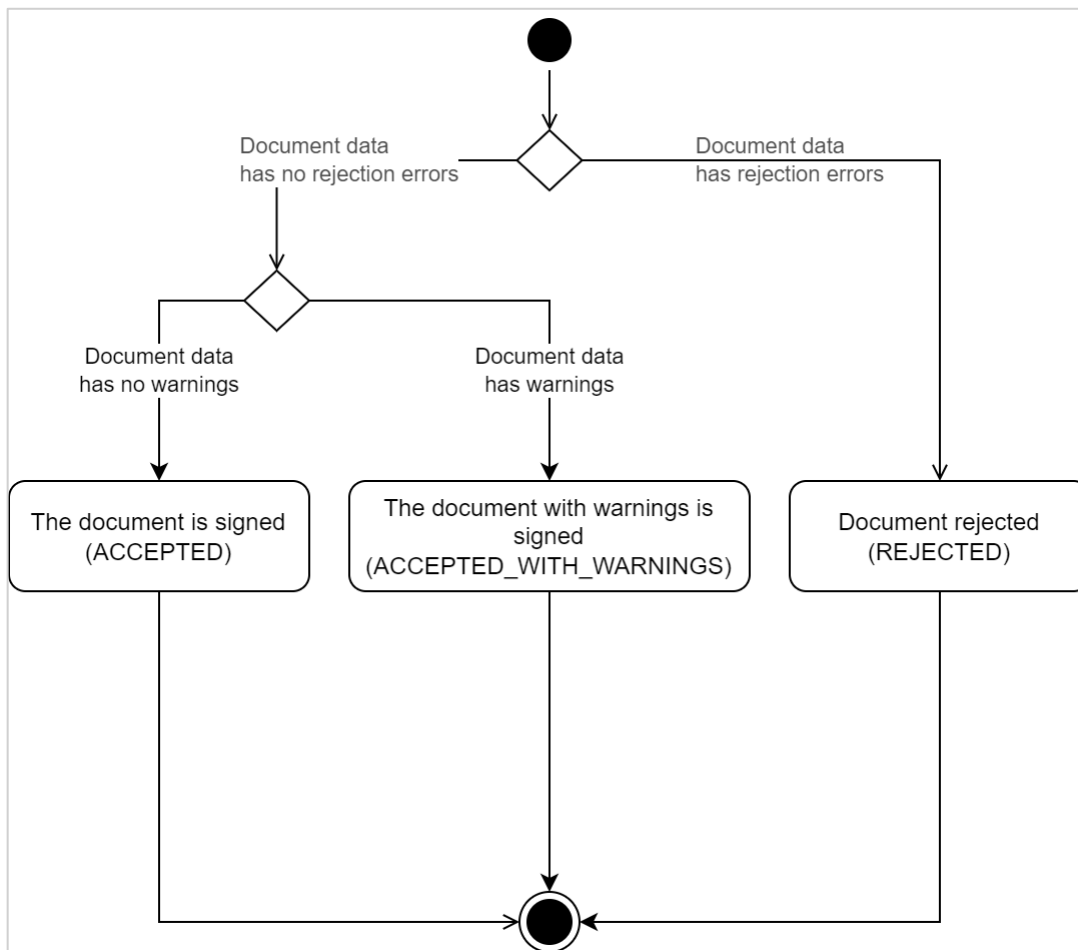
10.1.4 Addresses of environments

Environment	Address
Evaluation	https://ieka-cr-ws-demo.vmi.lt/vf/
Production	https://ieka-cr-ws.vmi.lt/vf/

10.1.5 Other non-functional requirements

Name	Description
Timeout setting	The cashregisters must use a timeout of 60 seconds to communicate with the Virtual Fiscalization component.
Time synchronization of the cashregisters	The cashregisters operating with the Virtual Fiscalization component must synchronize their time (at the level of the operating system) with online time services.

10.1.6 Document statuses



Status	Status code	Description
The document is signed	ACCEPTED	The status is given when the document has no errors, it is accepted and signed.
The document is signed with warnings	ACCEPTED_WITH_WARNINGS	Status is given when the document has warnings, it is accepted and signed.
The document has errors	REJECTED	The status is given when the document has errors. The document is not signed and registered. When requesting the data of the last registered document, the REJECTED status document is not returned (the last ACCEPTED or ACCEPTED_WITH_WARNINGS registered document is returned).

10.2 Technical specification

Conventional signs in the "Obligation" columns

0..1	It is possible to omit an element or to provide a single element (optional element).
1	One and only one element must be provided (mandatory element and its meaning).
0..*	It is possible to omit an element or to provide one or more elements (optional element), but within the specified number of elements, e.g.: 0...10 - no more than 10 elements may be provided.
1..*	One or more elements must be provided (mandatory element and its value), but not exceeding the specified number of elements, e.g.: 1...10 - a maximum of 10 elements may be provided.

10.2.1 SubmitDocument method

Purpose	The method is intended for the cashregister to register a document for signing in the virtual fiscalization component
Call parameters	Structure SubmitDocumentRequest
Results	Structure SubmitDocumentResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages.

10.2.1.1 SubmitDocumentRequest structure

Name	Type	Length	Mandatory	Description	Related errors
packageDocument	base64	-	1	base64 encoded registered document. The description of the structure is given in the description of the packageDocument structure.	-
requestNumber	string	36	1	Unique request identifier of the cashregister	10102
requestDateTime	dateTime	-	1	Request submission time	10100

10.2.1.2 SubmitDocumentResponse structure

Name	Type	Length	Mandatory	Description
operationStatus	string	10	1	Status of the operation. Possible values: - SUCCESS - the operation is successful, the document is successfully registered and signed. - ERROR - operation failed, document not registered.
requestNumber	string	36	1	The unique request identifier of the cashregister (the value provided in the request is returned).
documentInfo	DocumentInfo	-	0..1	A document information element that contains the generated and signed information block, document number, and other fields. An element is returned if operationStatus = SUCCESS.
repeatedRegistration	boolean	-	0..1	Indication of re-registration of the document. Possible values: 0 - the document is being registered for the first time. 1 - re-registered document (the document to be registered in the virtual fiscalization component has already been registered and a response to the request for a re-registered document is provided). An element is returned if operationStatus = SUCCESS.
errors	Errors Structure	-	0..1	List of rejection and/or warning errors. The element is returned if there are rejection and/or warning errors.

10.2.1.3 REST API protocol details

HT TP m et h o d	POST
UR L	/Document
Re qu es	The parameters are provided in the request body. <pre>{ "packageDocument": "PD94bWwgdmVyc2lvcj0iMS4wIiBlbmNvZGluZz0idXRmLTgiPz4gPH</pre>

HT TP m et ho d	POST
t bo dy ex a m pl e	<pre> BhY2thZ2VEb2N1bWVudCB4bWxucz0iaHR0cDovL3ZmLml1a2Eudm1pLmx0L3BheWxvYWQIiHhtbG 5zOnhzaT0iaHR0cDovL3d3dy53My5vcmcvMjAwMS9YTUxTY2h1bWEtaW5zdGFuY2UiPiA8cGFja2 FnZUhlYWRLcj4gPHJlZ2lzdHJhdGlvbk51bWJlcj4xMjM0NTY8L3JlZ2lzdHJhdGlvbk51bWJlcj 4gPGNhc2hSZWdpc3Rlc1JlZ2lzdHJhdGlvbk5vPkNSMDMwPC9jYXNoUmVnaXN0ZXJSZWdpc3RyYX Rpb250bz4gPFZBVFJlZ2lzdHJhdGlvbk51bWJlcj5MVDEyMzQ1NjwvVkFUUmVnaXN0cmF0aW9uTn VtYmVYPiA8c29mdHdhcmVDb21wYW55TmFtZT5FVF8L3NvZnR3YXJlQ29tcGFueU5hbWU+IDxzb2 Z0d2FyZU5hbWU+S0FTVtwvc29mdHdhcmVOYw1lPiA8c29mdHdhcmVWZXJzaW9uPjE8L3NvZnR3YX JlVmVyc2l1bWJlcj4gPGZpbGVWZXJzaW9uPmkuRUtBIFZGIDEuMi48L2ZpbGVWZXJzaW9uPiA8L3BhY2 thZ2VIZWFkZXI+IDxkb2N1bWVudD4gPGRvY3VtZW50SGVhZGVyPiA8ZG9jdW11bnREYXR1VGltZT 4yMDIzLTAyLTA4VDEwOjEwOjUwKzAwOjAwPC9kb2N1bWVudERhdGVUaW1lPiA8ZG9jdW11bnR0dW 1iZXI+NDQ8L2RvY3VtZW50TnVtYmVYPiA8c3B1Y2lmaWNEb2N1bWVudFR5cGV0dW1iZXI+IDxmaX NjYwEYXl0dW1iZXI+NjwvZmlzY2F5RGF5TnVtYmVYPiA8bm9uRmlzY2F5RG9jdW11bnR0dW1iZX JJbkZpc2NhbERheT41PC9ub25GaXNjYXwEb2N1bWVudE51bWJlccluRmlzY2F5RGF5PiA8L3NwZW NpZmljRG9jdW11bnRUeXB1TnVtYmVYPiA8ZG9jdW11bnRIYXNoPjVmS1VmQnlYaJl0NDNSMFV1NG draTUwOHJTMmJDL3dyY3lUdkFPamNkK2s9PC9kb2N1bWVudEhhc2g+IDxwcmV2aW91c0RvY3VtZW 50SGFzaD41ZktVZk5WGo5dDQzUjBVdTRna2k1MDhyUzJiQy93cmN5VHBT2pjCStrPTwvcHJldm lvdXNEb2N1bWVudEhhc2g+IDxsb2NhdGlvbj4gPGxvY2F0aW9uVU1EPjE5MzwvG9jYXRpb25VSU Q+IDwvG9jYXRpb24+IDwvZG9jdW11bnRIZW5kZXI+IDxub25GaXNjYXwEb2N1bWVudD4gPG9wZX JhdGlvbk5hbWU+UyYjeDEExNztrbWluz2FzIG5lZmlza2FsaW5pcyBrbm10YXN0L29wZXJhdGlvbk 5hbWU+IDwvbm9uRmlzY2F5RG9jdW11bnQ+IDwvZG9jdW11bnQ+IDwvcGFja2FnZURvY3VtZW50Pg ==" , "requestNumber": "A112", "requestDateTime": "2022-08-24T14:59:06.108Z" } </pre>
Re sp on se s ex a m pl e	<pre> { "operationStatus": "SUCCESS", "requestNumber": "A112", "documentInfo": { "documentNumber": 44, "specificDocumentTypeNumber": { "fiscalDayNumber": 1, "nonFiscalDocumentNumberInFiscalDay": 23 }, "documentInfoBlock": "DAVDUjAzMAIBLAIBAgIBBQIEY+ODcgQg5fKUfByXj9t43R0Uu4 gki508rS2bC/wrcyTvAOjCq+kCASsCAQQCBGSPrcEIOXylHwcl4/beN0dFlUjIudPK0tmwv8K3 Mk7wDo3Kvp", "documentSignature": "uH1jKqS8zcc+IQ6uA4Y5RJA5FhS2yDxtC8wiI16eDpyHMOOQOV 0ZZFfdJbi+oyp5eRAj/2XAKHNEPFQW3ClTaAsL06jMOI8KxferiEAUg1byRaRvu08Act/0qsgvBw Ij20b9FU3udLD7SM4+q1HnsXKIYV7Kg51wC+YLv30vZf8cPm18axfT8tUFgl1e10wsPCT6510fmuw fu4KvBA0RTWCr4DFSKOYsRW8Ugkn8SVJaDvUD6ECxyPCPo1/TEeZgGdaGm9cqPX7X0wQ1lx1wGn7 eL9ajEoiLrXirhK8KRixNAtTCpUSTvo4qXhXuH1SD5/O/rjDPUMEPKwoYAheLM0Q==" , "signatureDateTime": "2022-08-24T14:59:06.122Z", "documentType": "nonFiscalDocument" }, "repeatedRegistration": true, "errors": { "error": [{ "severity": "WARNING", "systemCode": "MISSING_LOCATION_UID", </pre>

10.2.1.4 SOAP API protocol details

445

URL	/VirtualFiscal
	<pre> bWU+IDwvbm9uRmlzY2FsRG9jdW11bnQ+IDwvZG9jdW11bnQ+IDwvcGFja2FnZURvY3VtZW50Pg==</vf:packageDocument> <vf:requestNumber>A112</vf:requestNumber> <vf:requestDateTime>2022-08-24T14:59:06.108Z</vf:requestDateTime> </vf:request> </vf:SubmitDocument> </soapenv:Body> </soapenv:Envelope> </pre>
Response example	<pre> <s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <s:Body> <SubmitDocumentResponse xmlns="http://vf.ieka.vmi.lt"> <SubmitDocumentResult> <operationStatus>SUCCESS</operationStatus> <requestNumber>A112</requestNumber> <documentInfo> <documentNumber>44</documentNumber> <specificDocumentTypeNumber> <fiscalDayNumber>1</fiscalDayNumber> <nonFiscalDocumentNumberInFiscalDay>23</nonFiscalDocumentNumberInFiscalDay> </specificDocumentTypeNumber> <documentInfoBlock>DAVDUjAzMAIBLAIBAgIBBQIEY+ODcgQg5fKUfByXj9t43R0Uu4gki508rS2bC /wrcyTvAOjCq+kCAsCAQQCBGPSrpcEIOXylHwcl4/beN0dFLuIJIudPK0tmwv8K3Mk7wDo3Kvp</doc umentInfoBlock> <documentSignature>uH1jKqS8zcc+IQ6uA4Y5RJA5FhS2yDxtC8wiI16eDpyHMOOQOV0ZZFfdJbi+o yp5eRAj/2XAKHNEPFQW3ClTaAsLO6jMOI8KxfeRiEAUg1byRaRvu08Act/0qsgvBwIj20b9FU3udLD7S M4+q1HnsXKIyV7Kg51wC+YLv3OvZf8cPm18axfT8tUFg1e1OwsPct651Ofmuwfu4KvBA0RTWCr4DFSKO </pre>

U RL	/VirtualFiscal
	<pre> YsRW8Ugkn8SVJaDvUD6ECxyPCPo1/TEeZgGdaGm9cqPX7X0wQ1lxlwGn7eL9ajEoiLrXirhK8KRixNat TCpUSTvo4qXhXuH1SD5/O/rjDPUMEPKwoYAheLM0Q==</documentSignature> <signatureDateTime>2022-08- 24T14:59:06.108Z</signatureDateTime> <documentType>nonFiscalDocument</documentType> </documentInfo> <repeatedRegistration>true</repeatedRegistration> <errors> <error> <Error> <severity>WARNING</severity> <systemCode>MISSING_LOCATION_UID</systemCode> <errorCode>23200</errorCode> <descriptions> <Descriptions> <description>The payment instrument is stationary, but the document is missing the "locationUID" element.</description> <locale>EN</locale> </Descriptions> </descriptions> </Error> </error> </errors> </SubmitDocumentResult> </SubmitDocumentResponse> </s:Body> </s:Envelope> </pre>

10.2.2 GetDocumentInfo method

Purpose	The method is intended for the cashregister to check the data of the last registered document in the virtual fiscalization component
Call parameters	Structure GetDocumentInfoRequest
Results	Structure GetDocumentInfoResponse
Possible errors	Communication errors related to incorrect request format or incompatibility between client and server WSDL versions shall be returned in SOAP fault messages.

10.2.2.1 GetDocumentInfoRequest structure

Name	Type	Length	Mandatory	Description	Related errors
documentNumber	integer	-	0..1	Identification number of the document whose data is to be obtained. If neither documentNumber nor documentKind is specified, the information of the last registered document will be returned. If the document is not found according to the given parameters, errors of 11100 is returned.	11101, 11102
documentKind	enum	-	0..1	Document type: fiscalReceipt - Fiscal receipt fiscalDay - Report (Z) nonFiscalReceipt - Non-fiscal document Specifying a document type will return the last registered document of that type. If the document number and document type are specified, the search will be performed according to the document type, but if the received document	10101

Name	Type	Length	Mandatory	Description	Related errors
				is with a different number than specified in the request, an error will be returned.	

10.2.2.2 GetDocumentInfoResponse structure

Name	Type	Length	Mandatory	Description
operationStatus	string	10	1	Status of the operation. Possible values: - SUCCESS - the operation is successful. - ERROR - the operation is unsuccessful.
documentInfo	DocumentInfo structute	-	0..1	A document information element that contains the generated and signed information block, document number, and other fields. An element is returned if operationStatus = SUCCESS.
errors	Errors structure	-	0..1	List of rejection and/or warning errors. The element is returned if there are rejection and/or warning errors.

10.2.2.3 REST API protocol details

HT TP me th od	GET
UR L	/LatestDocument
Pa ra me ter s	Parameters are provided as GET request parameters. For example: /LatestDocument?documentNumber=1&documentKind=1
Re sp on ses ex am ple	<pre>{ "operationStatus": "SUCCESS", "requestNumber": "A112", "documentInfo": { "documentNumber": 44, "specificDocumentTypeNumber": { "fiscalDayNumber": 1, "nonFiscalDocumentNumberInFiscalDay": 23 }, "documentInfoBlock": "DAVDUjAzMAIBLAIBAgIBBQIEY+ODcgQg5fKUfByXj9t43R0Uu4gki508rS2bC/wrcyTvA0jcq+kCAsCAQQCBGSPrcEI0XylHwcl4/beN0dFLuIJIudPK0tmwv8K3Mk7wDo3Kvp", "documentSignature": "uH1jKqS8zcc+IQ6uA4Y5RJA5FhS2yDxtC8wiI16eDpyHMOOQOV0ZZFfdJbi+oyp5eRAj/2XAKHNEPFQW3C1TaAsLO6jMOI8KxferiEAUg1byRaRvu08Act/0qsgvBwIj20b9FU3udLD7SM4+q1HnsXKIyV7Kg51wC+YLv30vZf8cPm18axfT8tUFg1e10wsPct6510fmuwfu4KvBA0RTWCr4DFSKOYSRW8Ugkn8SVJaDvUD6ECxyPCPo1/TEeZgGdaGm9cqPX7X0wQ1lxlwGn7eL9ajEoiLrXirhK8KRixNatTCPUSTvo4qXhXuH1SD5/O/rjDPUMEPKwoYAheLM0Q==", "signatureDateTime": "2022-08-24T14:59:06.122Z", "documentType": "nonFiscalDocument" }, "errors": { "error": [{ "severity": "WARNING", "systemCode": "MISSING_LOCATION_UID", "detail": "packageDocument.document.documentHeader.location.locationUID", "errorCode": "23200", "descriptions": [{ "description": "The payment instrument is stationary, but the document is missing the \"locationUID\" element.", "locale": "EN" }] }] } }</pre>

10.2.2.4 SOAP API protocol details

URL	/VirtualFiscal
Request example	<pre> <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:vf="http://vf.ieka.vmi.lt"> <soapenv:Header/> <soapenv:Body> <vf:GetDocumentInfo> <vf:request> <vf:documentNumber>1</vf:documentNumber> <vf:documentKind>nonFiscalReceipt</vf:documentKind> </vf:request> </vf:GetDocumentInfo> </soapenv:Body> </soapenv:Envelope> </pre>
Response example	<pre> <s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <s:Body> <GetDocumentInfoResponse xmlns="http://vf.ieka.vmi.lt"> <GetDocumentInfoResult> <operationStatus>SUCCESS</operationStatus> <requestNumber>A112</requestNumber> <documentInfo> <documentNumber>44</documentNumber> <specificDocumentTypeNumber> <fiscalDayNumber>1</fiscalDayNumber> <nonFiscalDocumentNumberInFiscalDay>23</nonFiscalDocumentNumberInFiscalDay> </specificDocumentTypeNumber> <documentInfoBlock>DAVDUjAzMAIBLAIBAgIBBQIEY+ODcgQg5fKUfByXj9t43R0Uu4gki508rS2bC /wrcyTvAOjCq+kCASSCAQQCBGPSrpcEIOXylHwcl4/beN0dFLuIJIudPK0tmwv8K3Mk7wDo3Kvp</doc umentInfoBlock> <documentSignature>uH1jKqS8zcc+IQ6uA4Y5RJA5FhS2yDxtC8wiI16eDpyHMOOQOV0ZZFfdJbi+o yp5eRAj/2XAKHNEPFQW3C1TaAsLO6jMOI8KxferiEAUg1byRaRvu08Act/0qsgvBwIj20b9FU3udLD7S M4+q1HnsXKIyV7Kg51wC+YLv3OvZf8cPm18axfT8tUFg1e1OwsPct651Ofmuwfu4KvBA0RTWCr4DFSKO </pre>

U RL	/VirtualFiscal
	<pre> YsRW8Ugkn8SVJaDvUD6ECxyPCPo1/TEeZgGdaGm9cqPX7X0wQ1lxlwGn7eL9ajEoiLrXirhK8KRixNat TCpUSTvo4qXhXuH1SD5/O/rjDPUMEPKwoYAheLM0Q==</documentSignature> <signatureDateTime>2022-08- 24T14:59:06.108Z</signatureDateTime> <documentType>nonFiscalDocument</documentType> </documentInfo> <repeatedRegistration>true</repeatedRegistration> <errors> <error> <Error> <severity>WARNING</severity> <systemCode>MISSING_LOCATION_UID</systemCode> <errorCode>23200</errorCode> <descriptions> <Descriptions> <description>The payment instrument is stationary, but the document is missing the "locationUID" element.</description> <locale>EN</locale> </Descriptions> </descriptions> </Error> </error> </errors> </GetDocumentInfoResult> </GetDocumentInfoResponse> </s:Body> </s:Envelope> </pre>

10.2.3 GetFiscalDayInfo method

Purpose	The method is intended for the cashregister to query the values of the readings stored in the virtual fiscalization component.
Call parameters	The method has no call parameters.
Results	Structure GetFiscalDayInfoResponse
Possible errors	Inspections and deficiencies are described in the Defects Handbook. Communication errors related to incorrect request format or error between client and server WSDL versions are returned in SOAP fault messages.

10.2.3.1 GetFiscalDayInfoResponse structure

Name	Type	Length	Mandatory	Description
operationStatus	string	10	1	Status of the operation. Possible values: - SUCCESS - the operation is successful. - ERROR - the operation is unsuccessful.
fiscalDayInfo	FiscalDayInfo structure	-	0..1	The data of the readings are stored in the virtual fiscalization component of the cashregisters. An element is returned if operationStatus = SUCCESS.
errors	Errors structure	-	0..1	List of rejection and/or warning errors. The element is returned if there are rejection and/or warning errors.

10.2.3.2 REST API protocol details

HTTP method	GET
URL	/FiscalDay
Request body example	The method has no query parameters.
Responses example	<pre>{ "operationStatus": "SUCCESS", "fiscalDayInfo": { "gtSales": 1000, "gtSalesTaxAmount": 100, "gtBuying": 20, "totalReceiptQuantity": 15, "totalOtherDocumentsQuantity": 4, "totalFiscalDayDocumentsQuantity": 1, "lastDocumentNumber": 15, "lastReceiptNumber": 15, "lastOtherDocumentNumber": 4, "lastFiscalDayDocumentNumber": 1 } }</pre>

10.2.3.3 SOAP API protocol details

URL	/VirtualFiscal
Request example	<pre><soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:vf="http://vf.ieka.vmi.lt"> <soapenv:Header/> <soapenv:Body> <vf:GetFiscalDayInfo/> </soapenv:Body> </soapenv:Envelope></pre>

URL	/VirtualFiscal
Response example	<pre> <s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <s:Body> <GetFiscalDayInfoResponse xmlns="http://vf.iek.vmi.lt"> <GetFiscalDayInfoResult> <operationStatus>SUCCESS</operationStatus> <fiscalDayInfo> <GTSales>1000</GTSales> <GTSalesTaxAmount>100</GTSalesTaxAmount> <GTBuying>20</GTBuying> <totalReceiptQuantity>15</totalReceiptQuantity> <totalOtherDocumentsQuantity>4</totalOtherDocumentsQuantity> <totalFiscalDayDocumentsQuantity>1</totalFiscalDayDocumentsQuantity> <lastDocumentNumber>15</lastDocumentNumber> <lastReceiptNumber>15</lastReceiptNumber> <lastOtherDocumentNumber>4</lastOtherDocumentNumber> <lastFiscalDayDocumentNumber>1</lastFiscalDayDocumentNumber> </fiscalDayInfo> </GetFiscalDayInfoResult> </GetFiscalDayInfoResponse> </s:Body> </s:Envelope> </pre>

10.2.3.4 DocumentInfo structure

Name	Type	Length	Mandatory	Description
documentNumber	integer	-	1	Document identification number.
specificDocumentTypeNumber	SpecificDocumentTypeNumber	-	1	Number of a specific document type.
documentInfoBlock	base64	198	1	An information block created in the virtual fiscalization component, which is signed and the signature is returned in the documentSignature field.
documentSignature	base64	344	1	Document signature of VMI (the signed information block is base64 coded). The cashregister must save this field in the electronic control tape.
signatureDateTime	dateTime	-	1	Date and time of signing the document.
documentType	enum	-	1	Document type: receipt - Fiscal receipt. fiscalDay - Report (Z). nonFiscalDocument - Non-fiscal receipt. nonFiscalCollectionDocument - Non-fiscal cash deposit and removal receipt. nonFiscalPIMaintenanceDocument - Non-fiscal receipt for the cashregister maintenance or repair operations. nonFiscalCancelationDocument - Non-fiscal document of canceled fiscal receipt.

Name	Type	Length	Mandatory	Description
				nonFiscalTaxChangeDocument - Non-fiscal tax exchange document. nonFiscalTechnicalRefuelingDocument - Non-fiscal receipt for filling technical fuel preOrderDocument - Prepaid account. nonFiscalReturnDocument - Non-fiscal document for return of goods and/or refusal of services. nonFiscalFinancialDocument - Non-fiscal payment of other funds / disbursement transactions receipt. gasStationOperationViolationDocument - Non-fiscal information transfer violation receipt.

10.2.3.5 FiscalDayInfo structure

Name	Type	Length	Mandatory	Description
GTSales	decimal	(15,2)	1	The total accounted sales amount (including tax).
GTSalesTaxAmount	decimal	(15,2)	1	The total amount of sales taxes accounted for.
GTBuying	decimal	(15,2)	1	The total accounted amount for paid purchased goods.
totalReceiptQuantity	integer	-	1	Total number of signed fiscal receipts.
totalOtherDocumentsQuantity	integer	-	1	Total number of signed non-fiscal receipts.
totalFiscalDayDocumentsQuantity	integer	-	1	Total number of signed reports (Z).
lastDocumentNumber	integer	-	0..1	Number of the last signed document. The element is returned if there is at least one registered document.
lastReceiptNumber	integer	-	0..1	Global document number of the last signed fiscal receipt (documentNumber field from registered file). The item is returned if there is at least one registered fiscal receipt document.
lastOtherDocumentNumber	integer	-	0..1	Global document number of the last signed non-fiscal receipt (documentNumber field from registered file). The element is returned if there is at least one registered non-fiscal document.
lastFiscalDayDocumentNumber	integer	-	0..1	Global document number of the last signed report (Z) (documentNumber field from registered file). The element is returned if there is at least one registered report (Z) document.

10.2.3.6 Errors structure

Name	Type	Length	Mandatory	Description
error	Error structure	-	1..250	Error

10.2.3.7 Error structure

Name	Type	Length	Mandatory	Description
severity	string	10	1	Error importance. Possible values: - REJECT - rejection error, when the document is not registered and signed due to essential errors. - WARNING - a warning about a minor error or additional information related to the submission of fiscal and other receipt

Name	Type	Length	Mandatory	Description
				data. In case of this error, the document is still registered and signed.
systemCode	string	64	1	System error code. Possible values are given Defects reference book.
detail	string	512	0..1	Location of error. If error is related to a specific element in the transferred file, the path to a specific element is specified, for which error has been identified, eg: document/documentHeader/documentNumber
errorCode	string	6	1	Error code. Possible values are given Defects reference book.
descriptions	Descriptions structure	-	0..2	Error description form Defects reference book.

10.2.3.8 Descriptions structure

Name	Type	Length	Mandatory	Description
description	string	1024	1	Error message.
locale	enum	-	1	An attribute specifying the language of terror message. Attribute Values: - EN - error message in English - LT - error message in Lithuania.

10.2.4 PackageDocument file data structure

10.2.4.1 PackageDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
packageHeader	PackageHeader structure	-	1	Header of the data file on payments for the sale of goods (or, in the case of purchase of goods, the goods to be purchased) and services (hereinafter referred to as the 'Data File')	Data identifying the cashregister, identifying the user of the cashregister, the cashregister and other general data.	-
document	Document structure	-	1	Registering document	Information about registering document for signing. Type of document to be submitted: fiscal receipt, report (Z), non-fiscal receipt (non-fiscal receipt that records transactions not classified as other types of non-fiscal documents), non-fiscal cash deposit and withdrawal receipt, non-fiscal cash register maintenance or repair operations receipt, non-fiscal document of	-

Name	Type	Length	Mandatory	Short description	Description	Related errors
					canceled fiscal receipts, non-fiscal tax change document, non-fiscal refueling receipt, advance invoice, non-fiscal goods return and/or service refusal document data, non-fiscal receipt data for other funds payment/disbursement operations, non-fiscal information transfer violation receipt. Non-fiscal documents are divided into separate types of documents, depending on the operations performed and the data recorded in them. The document type is determined by the given file data structure: receipt → 0 - Fiscal receipt. fiscalDay → 1 - Report (Z). nonFiscalDocument → 30 - Non-fiscal receipt. nonFiscalCollectionDocument → 31 - Non-fiscal cash deposit and removal receipt. nonFiscalPIMaintenanceDocument → 32 - Non-fiscal receipt for the cashregister maintenance or repair operations. nonFiscalCancellationDocument → 33 - Non-fiscal document of canceled fiscal receipt. nonFiscalTaxChangeDocument → 34 - Non-fiscal tax exchange document. nonFiscalTechnicalRefuelingDocument → 35 - Non-fiscal receipt for filling technical fuel preOrderDocument → 36 - Prepaid account. nonFiscalReturnDocument → 37 - Non-fiscal document for return of goods and/or refusal of services. nonFiscalFinancialDocument → 38 - Non-fiscal payment of other funds / disbursement transactions receipt. gasStationOperationViolationDocument → 41 - Non-fiscal information transfer violation receipt.	

10.2.4.2 PackageHeader structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
registrationNumber	string	30	1	Entry identification number	Taxpayer code: for legal persons the company code is used and for natural persons the personal code.	12003
cashRegisterRegistrationNo	string	12	1	The cashregister identification number	The cashregister identification number, assigned by i.EKA	12001, 12002, 12015

Name	Type	Length	Mandatory	Short description	Description	Related errors
					during the registration procedure.	
VATRegistrationNumber	string	30	0..1	Value added tax (hereinafter - VAT) payer code of the business entity	VAT payer code of the business entity. The element must be filled in if the business entity is a VAT payer.	12012, 12011, 12013
softwareCompanyName	string	30	1	The name of the software developer	Name of the software developer that generated the data file.	-
softwareName	string	30	1	The name of the software	Name of software that generated the data file.	-
softwareVersion	string	30	1	Software version	The software version that generated the data file.	-
fileVersion	string	20	1	Data file version	The version of the Data file, which must match with version of relevant Data files XML (Extensible Markup Language) structure description (XML Schema Definition, XSD).	12014

10.2.4.3 Document structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
documentHeader	DocumentHeader structure	-	1	Document header information	Document header information	-
receipt	Receipt structure	-	1	Fiscal receipt data	Fiscal receipt data	11009
fiscalDay	FiscalDay structure	-		Report (Z) data	Report (Z) data. Daily (shift) sums of fiscal and other data are formed by means of the cashregister. Note: first registered document of cashregister must be report (Z) document.	21023
nonFiscalDocument	NonFiscalDocument structure	-		Non-fiscal receipt details	Non-fiscal receipt details (a non-fiscal receipt, which captured transactions that cannot be assigned to other types of non-fiscal documents)	-
nonFiscalCollectionDocument	NonFiscalCollectionDocument structure	-		Non-fiscal cash deposit and removal	Non-fiscal cash deposit and removal receipt data.	11009

Name	Type	Length	Mandatory	Short description	Description	Related errors
				receipt details		
nonFiscalPIMaintenanceDocument	NonFiscalPIMaintenanceDocument structure	-		Receipt data for non-fiscal cashregister maintenance or repair operations	Receipt data for non-fiscal cashregister maintenance or repair operations.	-
nonFiscalCancelationDocument	NonFiscalCancelationDocument structure	-		Document data of non-fiscal canceled fiscal receipts	Incomplete fiscal receipts, which are considered canceled, substantiating non-fiscal document data.	-
nonFiscalTaxChangeDocument	NonFiscalTaxChangeDocument structure	-		Non-fiscal tax change document data	Non-fiscal tax change document data	11009
nonFiscalTechnicalRefuelingDocument	NonFiscalTechnicalRefuelingDocument structure	-		Receipt data for non-fiscal technical fuel filling	Receipt data for non-fiscal technical fuel filling	11009
preOrderDocument	PreOrderDocument structure	-		Prepaid data	Prepaid data	11009
nonFiscalReturnDocument	NonFiscalReturnDocument structure	-		Document data for non-fiscal return of goods and/or refusal of services	Data of the transaction of return of goods and/or refusal of services. The operation of returning goods and/or refusing services is registered with a cashregister, can only be carried out as a non-fiscal transaction.	11009
nonFiscalFinancialDocument	NonFiscalFinancialDocument structure	-		Receipt data for non-fiscal other funds payment/pay out transactions	Receipt data for non-fiscal other funds payment/pay out transactions. Other non-fiscal operations of payment/disbursement of funds, excluding goods (services) sale and/or purchase operations, which	11009

Name	Type	Length	Mandatory	Short description	Description	Related errors
					change the values of the counters summing up the fiscal data of the payment instrument. Also, the value of the element does not include the taxpayer which using cashregister, money deposit and withdrawal (for example, cashing) operations.	
gasStationOperationViolationDocument	GalStationOperationViolationDocument structure	-		Non-fiscal information transfer violation receipt data	Non-fiscal information transfer violation receipt data. Data about blocking of the gas station system or fuel filling column, in case of violation of information transmission lines which connecting individual modules and columns.	11009

10.2.4.4 DocumentHeader structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
documentDateTime	dateTime	-	1	Date and time of creation of the document in the cashregister.	Date and time of creation of the document in the cashregister. Note: The entire data structure uses the EET (Eastern European Time) time zone.	21000, 21002
documentNumber	integer	-	1	Document identification number.	Document identification number.	21004, 21018
linkedDocumentNumbers	LinkedDocumentNumbers structure	-	0..1	Identification numbers of related documents.	Identification numbers of related documents. The document related to the fiscal receipt is a pre-bill. Note: it is	-

Name	Type	Length	Mandatory	Short description	Description	Related errors
					recommended when realizing the operation of the cashregister, to allow payment of the prepaid (register a fiscal receipt) only from the same cashregister, where the prepaid is registered. Otherwise, to registering a fiscal receipt will return a warning error that the prepaid was not found. Documents related to report (Z): Non-fiscal tax exchange document; Non-fiscal receipt for technical fuel filling; Pre-bill; Non-fiscal Information Transfer Violation Receipt.	
specificDocumentTypeNumber	SpecificDocumentTypeNumber structure	-	1	Document identification number by document type	Document identification number by document type (fiscal receipt, non-fiscal document, report (Z)).	-
documentHash	base64/string	32	1	Document hash value	SHA256 hash value of the text copy of the document from the electronic control tape (hereinafter - EKJ), encoded in Base64 and transferred to the virtual fiscalization component.	-
previousDocumentHash	base64/string	32	1	The hash value of the previous document	The SHA256 hash value of the previous of the same type of document of the text copy from EKJ SHA256 encoded in Base64. The first document of each type must match the value of the documentHash element.	21005, 21006, 21007, 21008, 21009, 21010

Name	Type	Length	Mandatory	Short description	Description	Related errors
location	Location structure	-	1	The cashregister address.	The cashregister address.	-

10.2.4.5 LinkedDocumentNumbers structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
linkedDocumentNumber	integer	-	1..500	Identification number of the related document	The identification number of the related document from a non-fiscal document (For example, the prepaid number must be indicated in the fiscal receipt when closing the prepaid with a fiscal receipt, if the prepaid is divided into several prepaids, then the fiscal receipt must indicate both the number of the original prepaid and the number of the split prepaid. These prepaids numbers must be provided with the fiscal receipt data).	23001, 23002, 23003, 23004, 23005, 23006

10.2.4.6 SpecificDocumentTypeNumber structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
fiscalDayNumber	integer	-	1	Number of the daily/shift fiscal report (Z) (hereafter referred to as 'Z report').	The number of the report (Z) related to the document to be submitted.	23100, 23101
receiptNumberInFiscalDay	integer	-	0..1	Fiscal receipt number of the cashregister (hereinafter referred to as 'fiscal receipt') in the report (Z)	The number of the fiscal receipt in the report (Z). This element is mandatory if a fiscal receipt is provided.	23102, 23103, 23104, 23105
nonFiscalDocumentNumberInFiscalDay	integer	-	0..1	Number of the non-fiscal receipt (hereinafter referred to as 'non-fiscal receipt') of the cashregister in the report (Z)	Non-fiscal receipt number in the report (Z). To be completed if a non-fiscal receipt is provided	23106, 23107, 23108, 23109

10.2.4.7 Location structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
locationUID	string	20	0..1	Unique identification number of the address of the cashregister	A unique identification number used for the address of the cashregister at the State Tax Inspectorate (hereinafter referred to as VMI). Mandatory for fixed-type CRs, may be specified for mobile APs.	23200, 23201, 23202
locationLK SX	integer	-	0..1	LKS-94 coordinates of the address of the cashregister on the X-axis	The address of the settlement instrument shall have LKS-94 coordinates on the X-axis (e.g., 486622). Usually used for mobile CRs but may be used for fixed CRs. If the CR is mobile and both address UID and coordinate	23203, 23205

Name	Type	Length	Mandatory	Short description	Description	Related errors
					data are provided, the coordinate data is more relevant.	
locationLKS	integer	-	0..1	Y-axis coordinates of the address of the cashregister in LKS-94	The LKS-94 coordinates of the address of the billing instrument on the Y-axis (e.g., 6141287). Usually, a mobile type of CR is indicated, but a stationary type of CR may be indicated. If the CR is mobile and both address UID and coordinate data are provided, the coordinate data is more relevant.	23204, 23206

10.2.4.8 Receipt structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
documentFiscalAmounts	DocumentFiscalAmounts structure	-	0..1	Fiscal amounts of the fiscal receipt	Fiscal amounts of a fiscal receipt.	24050
otherCashCollectionOperations	OtherCashCollectionOperations structure	-	0..1	Other payment/disbursement operations	Other payment/disbursement transactions. The value of the element does not include deposit and withdrawal operations (e.g., collection) by the taxpayer using the cashregister.	-
receiptPayments	ReceiptPayments structure	-	1	Fiscal receipt payment information	Fiscal receipt payment information by method of payment.	-
corrections	Corrections structure	-	0..1	Corrections to a fiscal receipt	Corrections made to the fiscal receipt.	-

10.2.4.9 DocumentFiscalAmounts structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
salesOperationData	SalesOperationData structure	-	1	Sales transaction data	Details of sales operations.	-
discountsAdditions	DiscountsAdditions structure	-	0..1	Document discounts and mark-ups	Document discounts and mark-ups.	-

10.2.4.10 SalesOperationData structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
totalSalesAmount	decimal	(10,2)	1	Total amount of sales	The amount of sales, including taxes, reported in the document.	24000, 24001
totalSalesTaxAmount	decimal	(10,2)	1	Total amount of taxes on sales transactions	The document indicates the total amount of taxes applied to sales. If VAT is not charged,	24002, 24003, 24004

Name	Type	Length	Mandatory	Short description	Description	Related errors
					then the empty value of the element ("xsi:nil = "true"") is specified.	
salesOperationTaxDetails	SalesOperationTaxDetails structure	-	1	Sales transaction tax details	The tax detail of the sales transactions.	-

10.2.4.11 SalesOperationTaxDetails structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
salesOperationTaxLine	SalesOperationTaxLine structure	-	1..50	Sales transaction tax lines	Sales transaction tax lines (tax details: tax rate, tax amount, sales amount including tax).	-

10.2.4.12 SalesOperationTaxLine structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
taxRate	string	2	1	Tax rate	VAT rate according to the tax rate classification (TAX_RATE): 0 5 9 21 If VAT is not levied, the value of the element is empty.	24100
taxAmount	decimal	(10,2)	1	Tax amount	VAT amount for the specified VAT rate. If VAT is not charged, then the empty value of the element ("xsi:nil = "true"") is specified.	24101, 24102, 24103
salesAmountAfterTax	decimal	(10,2)	1	Amount of sales including tax	The number of sales including VAT for the VAT rate indicated.	24104

10.2.4.13 DiscountsAdditions structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
totalSalesAmountWithoutDiscountAddition	decimal	(10,2)	1	Number of sales transactions on the document excluding discounts and mark-ups	The amount of sales transactions excluding discounts and mark-ups.	24200
totalSalesDiscountQuantity	integer	-	0..1	Number of discounts on sales transactions in the document	Number of discounts on document sales transactions. The field is filled only in case of report (Z). In the case of a fiscal receipt, the field is left blank.	24201, 24202
totalSalesDiscountAmount	decimal	(10,2)	0..1	Sum of discounts on	Total amount of discounts on	24203, 24204,

Name	Type	Length	Mandatory	Short description	Description	Related errors
				sales transactions in the document	document sales transactions.	24205, 24206
totalSalesAdditionQuantity	integer	-	0..1	Quantity of mark-ups on sales transactions	Amount of mark - ups on sales transactions. The field is filled in only for the report (Z). In the case of a fiscal receipt, the field is left blank.	24207, 24208
totalSalesAdditionAmount	decimal	(10,2)	0..1	Sum of mark-ups on sales transactions	The total amount of mark - ups on the sale of a document.	24209, 24210

10.2.4.14 OtherCashCollectionOperations structure

Name	Type	Ilgis	Length	Short description	Description	Related errors
otherCashCollectionOperation	OtherCashCollectionOperation structure	-	1..50	Other payment/disbursement operations	Other payment/disbursement transactions. The value of the element does not include deposit and withdrawal operations (e.g., collection) by the taxpayer using the cashregister.	-

10.2.4.15 OtherCashCollectionOperation structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
collectionDirection	enum	-	1	Operation attribute	Operation attribute: payment operations – 'IN', disbursement operations - 'OUT'	24400
collectionType	string	2	1	Operation type	Type of transaction according to the classification of types of deposit/withdrawal transactions: 1 - Deposit. 2 - Other. 3 - Purchase. 4 - Refund. Is specified only in the non-fiscal refund and waiver document and (Z) report. OUT - return of goods, IN - applicable when the return is made in connection with a registered purchase of goods.	24401, 24402, 24403, 24404, 24405, 24406, 24417

Name	Type	Length	Mandatory	Short description	Description	Related errors
collectionAmount	decimal	(10,2)	1	Transaction amount	Total amount of the transaction by transaction attribute and type in the document.	24407
returnedDocumentCashRegisterRegistrationNo	string	12	0..1	Number identifying the settlement instrument of the receipt on which the refund is made	The number of the receipt against which the repayment is made, identifying the means of payment, given by i.EKA during the registration procedure (cashRegisterRegistrationNo). May be returned via a different settlement instrument than the original printed receipt. This field shall only be filled in case of a return operation where the document type is a non-fiscal return/refusal document and the details of the fiscal receipt on which the return is based are available.	24408, 24409, 24410, 24411, 24412, 24413
returnedDocumentNumber	integer	-	0..1	Document identification number of the receipt against which the return is made	Document identification number of the receipt against which the return is made (common document serial number). To be completed only in the case of a return operation where the document type is a non-fiscal return/refusal document and the details of the receipt against which the return is made are available	24414, 24415
returnedOtherSalesDocumentNumber	string	20	0..1	Number of the sales document against which the return is made	Identifying number of the sales document against which the return is made. To be filled in only in the case of a return transaction where the document type is non-fiscal return/refusal document and the details of the fiscal receipt against which the return is made are not available (e.g. the product was sold online and only the account number of the product is available).	24416

10.2.4.16 ReceiptPayments structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
totalAmountToPay	decimal	(10,2)	1	Amount due on the document	The amount due for the document. The amount payable is negative if the buyer is paid money.	24500, 24501, 24502
paymentDetails	PaymentDetails structure	-	0..1	Details of the payment methods of the document	Details of the payment methods in the document.	-
payoutDetails	PayoutDetails structure	-	0..1	Details of the document's methods of payment	Details of the payment methods of the document.	-

10.2.4.17 PaymentDetails structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
paymentDetail	PaymentDetail structure	-	1..10	Details of the payment methods of the document	Details of the payment methods in the document.	-

10.2.4.18 PaymentDetail structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
paymentType	string	2	1	Payment method	The payment method according to the classification of payment and cash-out types (PAYMENT_PAYOUT_TYPE): 1 - Cash. 2 - Debit/credit card payment. 3 - Other payment card (e.g. loyalty card). 4 - Vouchers. 5 - Money order. 6 - Reimbursed by the Compulsory Health Insurance Fund budget. 7 - Reimbursed by the state budget. 8 - Cryptocurrency. 9 - Other. 10 - Rounding.	24600, 24601, 24602, 24603, 24604
paidAmountNatCur	decimal	(10,2)	1	Amount paid	Amount of document paid in euro by type of payment.	24605, 24606, 24607
paymentCurrency	string	3	0..1	Currency of payment	Currency of payment according to the currency classification (CURRENCY_CODE), e.g. USD - US Dollar. To be filled in if a currency other than euro was used.	24608
paidAmountPaymentCur	decimal	(15,3)	0..1	Amount paid in payment currency	Amount paid in a currency other than euro. To be filled in if a currency other than euro was used.	24609
exchangeRate	decimal	(15,4)	0..1	Payment currency exchange rate	Foreign currencies shall be converted according to the indicative euro/foreign currency conversion rate published by the European Central Bank, and in cases where the indicative euro/foreign currency conversion rate is not published by the European Central Bank,	24610

Name	Type	Length	Mandatory	Short description	Description	Related errors
					according to the indicative euro/foreign currency conversion rate published by the Bank of Lithuania. The value of the element shall be filled in if a currency other than the euro has been used.	

10.2.4.19 PayoutDetails structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
payoutDetail	PayoutDetail structure	-	1..10	Details of the document's methods of payment	Details of the payment methods of the document.	-

10.2.4.20 PayoutDetail structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
payoutType	string	2	1	Method of disbursement	The type of cash payment according to the classification (PAYMENT_PAYOUT_TYPE: 1 - Cash. 2 - Debit/credit payment card. 3 - Other payment card (e.g. loyalty card). 4 - Vouchers. 5 - Money order. 8 - Cryptocurrency. 9 - Other. 10 - Rounding.	24700, 24701, 24702, 24703, 24704
payoutAmountNatCur	decimal	(10,2)	1	Amount of money disbursed	Amount of money paid out in euro for the document, by type of payout.	24705, 24706, 24707
payoutCurrency	string	3	0..1	Currency of cash payment	Disbursement currency according to the currency classification (CURRENCY_CODE),), e.g. USD - US Dollar. To be filled in if a currency other than euro was used.	24708
payoutAmountPaymentCur	decimal	(15,3)	0..1	Amount disbursed in other currency	Amount paid out in a currency other than euro. To be completed if a currency other than euro was used.	24709
exchangeRate	decimal	(15,4)	0..1	Currency rate of payment of money	Foreign currencies shall be converted according to the indicative euro/foreign currency conversion rate published by the European Central Bank, and in cases where the indicative euro/foreign currency conversion rate is not published by the European Central Bank, according to the indicative euro/foreign currency conversion rate published by the Bank of Lithuania. The value of the element shall be filled in if a currency other than the euro has been used.	24710

10.2.4.21 Corrections structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
correctionsQuantity	integer	-	1	Number of corrections to the document	The number of corrections to the amounts recorded in the document	24300
correctionsAmount	decimal	(10,2)	1	Total amount of corrections to the document	The total amount of corrections recorded in the document (absolute value).	24301

10.2.4.22 FiscalDay structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
documentFiscalAmounts	DocumentFiscalAmounts structure	-	0..1	Daily (shift) fiscal amounts	The fiscal amounts for the day (shift) indicated in the report (Z).	-
otherCashCollectionOperations	OtherCashCollectionOperations structure	-	0..1	Daily (shift) other payment/disbursement transactions	Report (Z) shows the other payment/disbursement transactions of the day/shift. The value of the element does not include deposit and withdrawal (e.g. collection) operations by the taxpayer using the cashregister. The information from the daily/shift fiscal receipts and non-fiscal financial receipts elements shall be aggregated.	-
fiscalDayPayments	FiscalDayPayments structure	-	0..1	Daily/shift payment totals	Report (Z) shall contain the sum of the daily/shift voucher payment information by payment method. The sum of information from daily/shift fiscal vouchers and non-fiscal financial voucher elements.	-
corrections	Corrections structure	-	0..1	Day/shift corrections	Report (Z) shall contain other data for the day/shift.	-
dailyData	DailyData structure	-	1	Report (Z) other data	Daily data in Report (Z).	-
cashBalanceDetails	CashBalanceDetails structure	-	1	Balance of cash in cashregister	Cash balance in cashregister details by each currency, including euro.	-
counters	Counters structure	-	1	Counters data	Counters data.	-

Name	Type	Length	Mandatory	Short description	Description	Related errors
fiscalDayTaxData	FiscalDayTaxData structure	-	1	Data on applicable charges	Details of the charges applied in the cashregister.	-
additionalData	AdditionalData structure	-	0..1	Additional data to be reported in report (Z)	Additional data in the report (Z). The cashregister shall be required to provide additional data if the legislation imposes an obligation on the user of the settlement instrument to produce this data in the report (Z).	-

10.2.4.23 FiscalDayPayments structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
totalAmountToPay	decimal	(10,2)	1	Amount payable per day/shift	The total amount payable for the day/shift. The amount may be negative if more money has been paid out by the cashregister than received during the day/shift.	25000, 25001
paymentDetails	PaymentDetails structure	-	0..1	Details of the payment methods of the day/shift	Report (Z) shows details of the payment methods for the day/shift.	-
payoutDetails	PayoutDetails structure	-	0..1	Details of the daily (shift) cash disbursement methods	Report (Z) details the daily (shift) cash disbursement methods.	-

10.2.4.24 DailyData structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
periodStartDateTime	dateTime	-	1	Date and time of start of period of report (Z)	Date and time of the start of the period of report (Z).	25100
periodEndDateTime	dateTime	-	1	Date and time of the end of the reporting (Z) period	Date and time of the end of the period of Report (Z).	25101, 25102
receiptQuantity	integer	-	1	Number of fiscal receipts	Number of fiscal receipts linked to report (Z). If no fiscal receipts have been generated during the day/shift,	25103

Name	Type	Length	Mandatory	Short description	Description	Related errors
					the value of the element shall be 0	
otherDocumentsQuantity	integer	-	1	Number of non-fiscal receipts	Number of non-fiscal receipts linked to the report (Z). If no non-fiscal receipts have been generated during the day/shift, the value of the element shall be 0.	25104
canceledReceiptsDocumentsQuantity	integer	-	1	Number of fiscal receipts cancelled	Number of fiscal receipts cancelled during the period of the report (Z). The total number of non-fiscal fiscal receipt documents cancelled. If no fiscal receipts have been cancelled during the day/shift, the value of the element shall be 0.	25105
canceledReceiptsDocumentsAmount	decimal	(10,2)	1	Amount of cancelled fiscal receipts	Sum of fiscal receipts cancelled during the reporting period (Z).	25106
gasStationOperationViolationDocumentsQuantity	integer	-	0..1	Number of infringements of petrol station information lines	Number of non-fiscal information receipts in the reporting period (Z) due to breaches of petrol station information lines.	25107, 25108

Name	Type	Length	Mandatory	Short description	Description	Related errors
					The settlement instrument shall be obliged to report the number of breaches of petrol station information lines if the legislation obliges the user of the settlement instrument to generate this data in the report (Z).	

10.2.4.25 CashBalanceDetails structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
cashBalanceDetail	CashBalanceDetail structure	-	1..50	Balance of cash in cashregister	Cash balance in cashregister details by each currency, including euro.	-

10.2.4.26 CashBalanceDetail structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
cashCurrency	string	3	1	Currency of cash balance	The cash balance in currency according to the currency classification (CURRENCY_CODE), e.g. USD - US dollars.	25200
cashAmount	decimal	(15,3)	1	Cash balance amount in currency	Amount of cash balance in currency.	25201
insertionOperationCashAmount	decimal	(15,3)	1	Inserted cash amount in currency	Inserted cash amount in currency.	25202
insertionOperationCashQuantity	integer	-	1	Quantity of cash insertion operations	Quantity of cash insertion operations.	25203
withdrawalOperationCashAmount	decimal	(15,3)	1	Withdrawn cash amount in currency	Withdrawn cash amount in currency.	25204
withdrawalOperationCashQuantity	integer	-	1	Quantity of cash withdrawal operations	Quantity of cash withdrawal operations.	25205

10.2.4.27 Counters structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
GTSales	decimal	(15,2)	1	Global counter for sales transactions	The total amount of sales recorded by the cashregister (GT counter) in the report (Z).	25300
GTSalesTaxAmount	decimal	(15,2)	1	Sales transaction tax amount global counter	Total amount of sales taxes recorded by the settlement instrument (GT counter) in the report (Z).	25301
GTBuying	decimal	(15,2)	0..1	Global counter for purchase transactions	Total amount paid for goods purchased recorded in the cashregister (GT counter) in the statement (Z).	25302

10.2.4.28 FiscalDayTaxData structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
lastTaxChangeDateTime	dateTime	-	1	The date and time of the last tax setting or change	Date and time of the last tax determination or modification.	25400
taxChangeNumber	string	20	1	Tax exchange sequence number	Sequence number of the tax change.	-
fiscalDayTaxTables	FiscalDayTaxTable structure	-	1	Table of applicable taxes	Tax table (all taxes shall be listed).	25401

10.2.4.29 FiscalDayTaxTables structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
fiscalDayTaxTable	FiscalDayTaxTable structure		1..50	Table of applicable taxes	Tax table (all taxes shall be listed).	-

10.2.4.30 FiscalDayTaxTable structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
taxRate	string	2	1	Tax rate	VAT rate according to the tax rate classification (TAX_RATE). If VAT is not taxable, the value of the element shall be null („xsi:nil = "true"").	24100
taxDescription	string	128	1	Tax description	Description of the VAT (e.g. purpose of the tax, code from the tax notation table).	-

10.2.4.31 AdditionalData structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
specialGoodsSales	SpecialGoodsSales structure	-	0..1	Details of sales of goods reported in the report (Z)	Details of the sales of goods reported in the report (Z). For the product group alcoholic beverages, one aggregated detailed data record is provided.	25500
preOrderDocuments	PreOrderDocuments structure	-	0..1	Accounting of advance invoices	Accounting of advance invoices.	
technicalRefuelings	TechnicalRefueling structure	-	0..1	Technical fuel fills in Report (Z)	Technical refueling in report (Z).	25501

10.2.4.32 SpecialGoodsSales structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
specialGoodsSale	SpecialGoodsSale structure	-	1..100	Details of sales of goods reported in the report (Z)	Details of the sales of goods reported in the report (Z). For the product group alcoholic beverages, one aggregated detailed data record is provided.	-

10.2.4.33 SpecialGoodsSale structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
goodsGroup	string	3	1	Group of the commodity reported in report (Z)	The report (Z) shall specify the product group according to the Special Accounting Group Classification (SPECIAL_GOOD_GROUP). B1 - Petrol. B2 - Automotive ethanol fuel. D1 - Diesel fuel. D2 - Fatty acid methyl ester (FAME). DZ - Designated diesel fuel for agricultural and fishery use. GD - Natural gas for transport. LPG - Liquefied petroleum gas for transport. CT - Fuel for transport not elsewhere classified. AG - Alcoholic beverages.	25600
goods	string	128	0..1	Name of the commodity in Report (Z)	The report (Z) shall contain the name of the commodity from the means of payment in free text. The value of the element for the product group alcoholic beverages is not filled in.	25601
goodsTotalSalesQuantity	decimal	(10,2)	0..1	Sales quantity of the commodity in Report (Z)	The report (Z) shall indicate the quantity of sales of the commodity per day (shift) in liters. The value of the element for the product group alcoholic beverages is not filled in.	25602 25603
goodsTotalSalesAmount	decimal	(10,2)	1	Report (Z) the number of sales of the item	Report (Z) shall indicate the number of sales of the commodity per day/shift, including taxes.	25604

10.2.4.34 PreOrderDocuments structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
preOrderTotalQuantity	integer	-	1	Invoice quantity in report (Z)	The quantity of pre-order invoices in the report (Z). If no preorders were generated during the day/shift, the value of the element shall be 0.	25700, 25701
preOrderTransfToAccomodInvQuantity	integer	-	1	Quantity of forward invoices carried forward in the report (Z)	The quantity of prepayments transferred to the hotel in the report (Z). If there were no	25702, 25703

Name	Type	Length	Mandatory	Short description	Description	Related errors
					prepayments transferred to the hotel during the day/shift, the value of the element shall be 0.	
preOrderTotalUnpaidQuantity	integer	-	1	Number of unpaid prepayments in report (Z)	The quantity of unpaid advance bills in the report (Z). If there were no unpaid prepayments during the day/shift, the value of the element is reported as 0.	25704, 25705
preOrderTotalAmount	decimal	(10,2)	1	Total amount of prepayments in report (Z)	The total amount of advances in the report (Z). If there were no prepayments generated during the day/shift, the value of the element shall be 0.	25706, 25707
preOrderTransfToAccomodInvAmount	decimal	(10,2)	1	Total amount of carried forward accounts in the statement (Z)	Total amount of advances transferred to the hotel in the report (Z). If there were no prepayments transferred to the hotel during the day/shift, the value of the element is reported as 0.	25708
preOrderTotalUnpaidAmount	decimal	(10,2)	1	Number of unpaid advances in the statement (Z)	The number of outstanding prepayments in the report (Z). If there were no unpaid advances during the day/shift, the value of the element is reported as 0.	25709

10.2.4.35 TechnicalRefuelings structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
technicalRefueling	TechnicalRefueling structure	-	1..100	Technical fuel fills in Report (Z)	Technical refueling in report (Z).	-

10.2.4.36 TechnicalRefueling structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
fuelType	string	3	1	Group of fuels reported in Statement (Z)	The report (Z) shall contain the fuel group according to the Special Accounting Commodity Group Classification (SPECIAL_GOOD_GROUP).	25800, 25801
fuel	string	128	1	Name of the fuel reported in Statement (Z)	The report (Z) shall contain the name of the fuel from the billing instrument in free text, e.g. 95 petrol.	-
fuelQuantity	decimal	(10,2)	1	Quantity of fuels for maintenance fills reported in Report (Z)	The report (Z) shall indicate the quantity of fuel for refuelling in litres.	25802

10.2.4.37 NonFiscalDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
operationName	string	256	0..1	Description of the non-fiscal transaction	Description of a non-fiscal transaction.	-

10.2.4.38 NonFiscalCollectionDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
documentAmounts	DocumentAmounts structure	-	1	Amounts of non-fiscal cash-in and cash-out receipts	Non-fiscal cash insertion and withdrawal receipt amounts.	-

10.2.4.39 DocumentAmounts structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
PICashDetailsBeforeOperations	PICashDetailsBeforeOperation structure	-	1	Details of the cash amounts of the cashregister before cash insertion and withdrawal transactions	Details of the cash amounts of the cashregister before cash insertion and withdrawal transactions (by currency, including euro).	-
PICashOperationDetails	PICashOperationDetails structure	-	1	Details of cashregister cash transactions	Details of cash transactions of the cashregister (transaction direction, currency).	-
PICashDetailsAfterOperations	PICashDetailsAfterOperation structures	-	1	The cashregister details of cash amounts after cash insertion and withdrawal transactions	Details of cash amounts of the cashregister after cash insertion and withdrawal operations (by currency, including euro).	-

10.2.4.40 PICashDetailsBeforeOperations structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
PICashDetailsBeforeOperation	PICashDetailsBeforeOperation structure	-	1..50	Details of the cash	Details of the cash	-

Name	Type	Length	Mandatory	Short description	Description	Related errors
				amounts of the cashregister before cash insertion and withdrawal transactions	amounts of the cashregister before cash insertion and withdrawal transactions (by currency, including euro).	

10.2.4.41 PICashDetailsBeforeOperation structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
cashCurrency	string	3	1	The cashregister cash amounts before cash insertion and withdrawal operations, currency	The currency of the cashregister's cash amounts before cash insertion and withdrawal operations, according to the currency classification (CURRENCY_CODE), e.g. USD - US dollar.	25200
initialCashAmount	decimal	(15,3)	1	The cashregister cash amount in a specific currency before cash insertion and withdrawal operations	The cash amount of the cashregister in a specific currency, including euro, before cash insertion and withdrawal operations.	27000

10.2.4.42 PICashOperationDetails structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
PICashOperationDetail	PICashOperationDetail structure	-	1..50	Details of cashregister cash transactions	Details of cash transactions of the cashregister (transaction direction, currency).	-

10.2.4.43 PICashOperationDetail structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
operationDirection	enum	-	1	Transaction attribute	Operation attribute: cash in - IN; cash out - OUT.	24400
cashCurrency	string	3	1	Currency of the cash transaction	The currency of the cash transaction according to the currency classification (CURRENCY_CODE), e.g., USD - US dollar.	25200
operationCashAmount	decimal	(15,3)	1	Amount of cash transaction by specific currency	Amount of cash transaction by specific currency, including euro.	27100

10.2.4.44 PICashDetailsAfterOperations structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
PICashDetailsAfterOperation	PICashDetailsAfterOperation structure	-	1..50	The cashregister	Details of cash amounts	-

Name	Type	Length	Mandatory	Short description	Description	Related errors
				details of cash amounts after cash insertion and withdrawal transactions	of the cashregister after cash insertion and withdrawal operations (by currency, including euro).	

10.2.4.45 PICashDetailsAfterOperation structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
cashCurrency	string	3	1	Currency of the cash amount of the cashregister after the cash insertion and withdrawal operations	The currency of the cashregister's cash amount after cash insertion and withdrawal operations, according to the currency classification (CURRENCY_CODE), e.g., USD - US dollar.	25200
finalCashAmount	decimal	(15,3)	1	The cashregister cash amount in specific currency after cash insertion and withdrawal operations	The cash amount of the cashregister in a specific currency, including euro, after cash insertion and withdrawal operations.	27200

10.2.4.46 NonFiscalPIMaintenanceDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
maintenanceDescription	string	1024	1	Description of the maintenance or repair operation on the cashregister.	A description of the maintenance or repair operation of the cashregister. The description shall be in free text. This text will be contained in the electronic technical passport of the cashregister.	-

10.2.4.47 NonFiscalCancellationDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
canceledAmount	decimal	(10,2)	1	Amount of the document that has been cancelled	The amount of the document that has been cancelled.	27300

10.2.4.48 NonFiscalTaxChangeDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
taxTables	TaxTable structure	-	1	Table of applicable charges	Table of applicable taxes (all taxes after the change).	-

10.2.4.49 TaxTables structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
taxTable	TaxTable structure	-	1..50	Table of applicable charges	Table of applicable taxes (all taxes after the change).	-

10.2.4.50 TaxTable structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
taxRate	string	2	1	Tax rate	VAT rate according to the tax rate classification (TAX_RATE). If VAT is not taxable, the value of the element shall be null („xsi:nil = "true"").	24100
taxDescription	string	128	1	Description of the tax	Description of the VAT (e.g., purpose of the tax, code from the tax notation table).	-

10.2.4.51 NonFiscalTechnicalRefuelingDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
nonFiscalTechnicalRefueling	Struktūra NonFiscalTechnicalRefueling	-	1	Details of the refuelling	Technical refueling detail data.	-

10.2.4.52 NonFiscalTechnicalRefueling structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
nozzleNumber	string	20	0..1	Number of the refuelling hose	Number of the refueling hose.	-
fuelType	string	3	1	Fuel group	The non-fiscal document for technical refueling shall contain the fuel group according to the Special Accounting Commodity Group Classification (SPECIAL_GOOD_GROUP).	25800 25801
fuel	string	128	1	Fuel name	The non-fiscal technical refueling receipt shall contain the name of the fuel from the means of payment in free text, e.g., 95 petrol.	-
fuelQuantity	decimal	(10,2)	1	Refuelling fuel quantity	The non-fiscal receipt for refueling of technical fuels shall indicate the quantity of technical refueling fuel in liters.	25802

10.2.4.53 PreOrderDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
preSaleAmount	decimal	(10,2)	1	Total amount of pre-invoice	The total amount to be paid in the pre-invoice.	27400

10.2.4.54 NonFiscalReturnDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
otherCashCollectionOperations	OtherCashCollectionOperations structure	-	1	Details of the return/refuse operation	The payment/disbursement transactions specified in the non-fiscal document for the goods return/service withdrawal transaction.	-
receiptPayments	Struktūra ReceiptPayments	-	1	Payment details for the non-fiscal return/refuse	Information on non-fiscal refund and/or waiver payments by payment method.	-

Name	Type	Length	Mandatory	Short description	Description	Related errors
				al document		

10.2.4.55 NonFiscalFinancialDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
otherCashCollectionOperations	Struktūra OtherCashCollectionOperations	-	0..1	Other payment/disbursement transactions	Other payment/disbursement transactions. The value of the element does not include deposit and withdrawal (e.g., collection) operations by the taxpayer using the cashregister.	-
receiptPayments	ReceiptPayments structure	-	1	Payment details of non-fiscal receipt for other payment/disbursement transactions	Payment information by mode of payment for the non-fiscal receipt for other payment/disbursement transactions	-

10.2.4.56 GasStationOperationViolationDocument structure

Name	Type	Length	Mandatory	Short description	Description	Related errors
violationDescription	string	1024	1	Violation description	Free form text description of the violation (e.g., lost connection).	-

10.2.4.57 Additional information about provided data

Fields with "xsi:nil = "true"":

- salesOperationData/totalSalesTaxAmount;
- salesOperationTaxLine/taxAmount.

Fields (string) that can have empty values:

- salesOperationTaxLine/taxRate;
- fiscalDayTaxTable/taxRate;
- taxTable/taxRate.

10.2.5 Defects reference book

The table below shows the validations performed by the Virtual Fiscalization component after receiving a request from a cashregister (document registration for signature, for information on the last signed document, receiving data for Z report).

Note: i.EKA foresees the possibility to change the settings of the directory of deficiencies.

Possible values for "Criticality":

- Rejection error - if this error is detected, the document is not accepted, and an error is returned to the cashregister.

- Warning - when this discrepancy is detected, the document is accepted, and a warning is returned to the cashregister.

Inconsistencies in submitted requests are checked in groups in the following order:

- Inspection of the Transport Certificate;
- Checks related to the request , XSD schema check;
- Checks are related to the cashregister and the taxpayer;
- Checks are related to the submitted data.

If a rejection error is detected, the remaining checks in the same group are carried out, but the following group checks are no longer carried out and all discrepancies found in that group are returned to the cashregister. If no rejection errors are found, but warning errors are found, the query continues and warning error are returned along with the query result.

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
						Valid until	Severity
10000	SYSTEM_ERROR	System error. Please try again later.	-	A system error of unspecified type occurs.	Rejection error	No	No
Transport certificate checks							
10010	TRANSPORT_CERTIFICATE_NOT_VALID	The transport certificate provided was not valid or is not assigned to any cashregister.	All requests	The transport certificate provided was not valid or is not assigned to any cashregister.	Rejection error	No	No
Request content and request number uniqueness checks							
10102	IDENTICAL_REQUEST_NO_ALREADY_PROVIDED_VF	A document registration request with the same number has already been submitted.	Request (SubmitDocumentRequest/requestNumber)	According to the received requestNumber, the cashregister has already provided data to i.EKA.	Rejection error	No	No
11010	IDENTICAL_DOCUMENT_ALREADY_PROVIDED_VF	The authentic document has already been submitted for registration	Request (SubmitDocumentRequest, PackageDocuments element all fields match)	The same document has been re-registered more times than the value of the system parameter ALLOWED_DOCUMENT_RESUBMISSION_NUMBER.	Rejection error	No	No
Request related checks, XSD schema check							
10100	INVALID_TIME_VF	The time of the request is incorrect. The time error cannot be more than 180 seconds	Request (SubmitDocumentRequest/requestDateTime)	Received request time requestDateTime != currentTime. Note: The time change from summer to winter time must also be evaluated when performing the check. The possible round-trip time error must not exceed the value specified in the ALLOWED_TIME_DIFFERENCE system parameter.	Rejection error	No	No
11000	FILE_INVALID_MIME_TYPE	Incorrect file type. XML file types are allowed.	File	The file type does not match the allowed type (XML).	Rejection error	No	No
11001	FILE_SIZE_LIMIT_EXCEEDED	The file size exceeds the maximum allowed	File	Rinkmenos dydis kilobaitais viršija leidžiamą dydį nustatytą sisteminiame parametre MAX_VF_PACKAGE_SIZE.	Rejection error	No	No
11002	XSD_VALIDATION_FAILED	The file does not conform to the XML Structure Description (XSD). Please forward the error	File	The file does not conform to the rules of the XML Structure Profile: structure, data format, binding.	Rejection error	No	No

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		message to the programmers who developed the XML file formatting functionality you are using.					
11005	FILE_EMPTY	The file cannot be empty.	File	The file is empty.	Rejection error	No	No
11006	FILE_INVALID_ENCODING	A character not matching the encoding was found in the file.	File	A character not matching the encoding was found in the file.	Rejection error	No	No
11008	DATETIME_FORMAT_INVALID	Date and time format does not match required: YYYY-MM-DDThh:mm:ssZ (pvz.: 2022-11-13T13:13:13Z), YYYY-MM-DDThh:mm:ss.SSSZ (pvz.: 2022-11-13T13:13:13.113Z), YYYY-MM-DDThh:mm:ss±hh:mm (pvz.: 2022-11-13T13:13:13+02:00) arba YYYY-MM-DDThh:mm:ss.SSS±hh:mm (pvz.: 2022-11-13T13:13:13.113+02:00).	documentHeader/documentDateTime, dailyData/periodStartDateTime, dailyData/periodEndDateTime, FiscalDayTaxData/lastTaxChangeDateTime	Date and time format is not correct.	Rejection error	No	No
11100	NO_RESULTS_FOUND_VF	No data was found according to the search criteria.	Request (GetDocumentInfo)	No data was found according to the specified search criteria. An error is returned when: - document kind is provided and no registered document is found based on that kind; - document kind is not provided and no registered document is found.	Rejection error	No	No
11101	DOCUMENT_IS_NOT_THE_LAST_VF	The indicated document number is not the last registered document number	Request (GetDocumentInfo/ documentNumber)	Number of the last registered document != documentNumber	Rejection error	No	No
11102	MISMACHED_DOCUMENT_NUMBER_AND_KIND_VF	The document number does not match the type of document provided	Request (GetDocumentInfo, laukai documentNumber ir documentKind)	The type of the last registered document selected according to the specified documentNumber does not	Rejection error	No	No



Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				match the provided document type (documentKind). Possible documentKind values: 0 - Fiscal receipt 1 - Report (Z) 2 - Non-fiscal document			
12014	INVALID_FILE_VERSION	Incorrect version of the XML Structure Description (XSD) of the file.	packageHeader/fileVersion	The resulting fileVersion does not match the XML Structure Description (XSD) version of the file.	Rejection error	No	Yes
Checks related to the cashregister and the taxpayer							
12001	TRANSPORT_CERTIFICATE_NOT_ASSIGNED_TO_CASH_REGISTER_VF	Cashregister identifying number does not match identifying number retrieved by transport certificate.	packageHeader/cashRegisterRegistrationNo	No CR i.EKA was found in the CR register according to cashRegisterRegistrationNo.	Rejection error	No	Yes
12002	CASH_REGISTER_NOT_VALID	The cashregister is not valid in the i.EKA cashregister Register.	packageHeader/cashRegisterRegistrationNo	The cashregister according to the received the cashregister transport certificate, selected in the i.EKA CR register is not valid (the CR status is other than Registered, Initiated suspension or Initiated deregistration).	Rejection error	No	Yes
12003	CASH_REGISTER_NOT_ASSIGNED_TO_TAX_PAYER1	Taxpayer number does not match data retrieved by transport certificate.	packageHeader/registrationNumber	According to the received CR transport certificate, the CR selected in the CR register of i.EKA is not assigned to a taxpayer or taxpayer number does not match provided registrationNumber.	Rejection error	No	Yes
12012	VAT_REGISTRATION_NUMBER_NOT_ASSIGNED_TO_TAX_PAYER_IN_VR	VAT payer code is not assigned to taxpayer in the VAT register.	packageHeader/VATRegistrationNumber	According to the received CR transport certificate, the VAT payer code of the taxpayer assigned to the selected CR in the CR register of i.EKA does not match the VATRegistrationNumber.	Rejection error	No	Yes
12011	VAT_REGISTRATION_NUMBER_NOT_VALID	A VAT taxable person is not entered in the VAT register.	packageHeader/VATRegistrationNumber	According to the CR transport certificate received in the i.EKA CR register, the VAT code of the taxpayer assigned to the CR selected in the CR register was not valid in the VAT payer register. Note: Validity of the VAT	Rejection error	No	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				payer is checked at the time specified in SubmitDocumentRequest/requestDateTime.			
12015	CASH_REGISTER_NOT_WORKING_WITH_VF	The cashregister does not work with the virtual fiscalization component	packageHeader/cashRegisterRegistrationNo	According to the CR transport certificate received in the i.EKA CR register, the CR selected in the CR register does not work with the Virtual Fiscalization component.	Rejection error	No	No
11009	DOCUMENT_TYPE_NOT_ALLOWED_VF	This type of document cannot be submitted. The status of the cashregister allows you to provide only a non-fiscal receipt, a non-fiscal receipt for cash register maintenance or repair operations, a non-fiscal canceled fiscal receipt document, or a report (Z) document.	Request (SubmitDocumentRequest)	According to the provided transport certificate the status of the selected cashregister is ("Initiated suspension" or "Initiated deregistration") and received document type != (1 (Report (Z)) or 30 (Non-fiscal receipt) or 32 (Non-fiscal receipt for cashregister maintenance or repair operations) or 33 (Non-fiscal receipt for canceled fiscal receipt document)).	Rejection error	No	No
Checks related to the data provided							
12013	MISSING_VAT_REGISTRATION_NUMBER_ELEMENT	The file header does not contain the VATRegistrationNumber element, although there are documents showing the tax applied.	packageHeader/VATRegistrationNumber	The resulting salesOperationData/totalSalesTaxAmount != „xsi:nil = "true"" ir VATRegistrationNumber not received. There is at least one document in the file with salesOperationData/totalSalesTaxAmount != "xsi:nil = "true"" and no VATRegistrationNumber.	Warning error	No	Yes
21000	DOCUMENT_TIME_LATER_THAN_CURRENT_TIME	The time of the document cannot be later than the time of submission. Note: Error is detected for the first version of a document, but is reverted to subsequent versions of the document, even if those	documentHeader/documentDateTime	Received documentDateTime > current date and time. Note: The time change from summer to winter time must also be considered during the check. The possible time error is set in the ALLOWED_TIME_DIFFERENCE system parameter.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		versions no longer meet the error condition.					
21002	DOCUMENT_TIME_EARLIER_THAN_LAST_DOCUMENT_TIME	The time of the document must be greater than last document time	documentHeader/documentDateTime	Received document documentDateTime <= documentDateTime of the last registered document (i.e. the date and time of the document transaction must be greater than the date and time of the last registered document transaction). During the inspection, the time change from summer to winter time must also be evaluated.	Rejection error	Yes	Yes
21004	DOCUMENTS_CHAIN_ERROR	No saved document was found with a document identification number exactly one number lower than the document identification number received (i.e., the numbers must be consecutive and not omitted).	documentHeader/documentNumber	Last registered document number +1 != documentNumber (numbers must be consecutive and must not be skipped), and the last registered document is found (i.e. the document is not the first CR document).	Rejection error	Yes	Yes
21005	FIRST_RECEIPT_PREVIOUS_DOCUMENTHASH_ERROR	The values of the elements "documentHash" and "previousDocumentHashpreviousDocumentHash" of the first fiscal receipt shall be the same.	documentHeader/previousDocumentHash	Received document type = 0 (Fiscal Receipt) and i.EKA did not find any registered document with type = 0 (Fiscal Receipt) (i.e. the document is the first CR fiscal receipt) and the received previousDocumentHash does not match the received documentHash.	Rejection error	Yes	Yes
21006	RECEIPT_PREVIOUS_DOCUMENTHASH_MISMATCH	The value of the previousDocumentHash element shall be the same as the value of the documentHash element of the previously	documentHeader/previousDocumentHash	Received document type = 0 (Fiscal Receipt) and previousDocumentHash does not match the last registered document with type = 0 (Fiscal Receipt) documentHash.	Rejection error	Yes	Yes
21007	FIRST_FISCALDAY_PREVIOUS_DOCUMENTHASH_ERROR	The values of the elements "documentHash" and "previousDocumentHash" of	documentHeader/previousDocumentHash	Received document type = 1 (Report Z)) and i.EKA did not find any registered document with type = 1 (Report Z)) (i.e. the document is the	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		the first report (Z) must be the same.		first CR report (Z)) and the received previousDocumentHash does not match the received documentHash.			
21008	FISCALDAY_PREVIOUS_DOCUMENTHASH_MISMATCH	The value of the previousDocumentHash element must be the same as the value of the documentHash element of the previous report (Z).	documentHeader/previousDocumentHash	Received document type = 1 (Report (Z)) and previousDocumentHash does not match the last registered document with type = 1 (Report (Z)) documentHash .	Rejection error	Yes	Yes
21009	FIRST_NONFISCALDOCUMENT_PREVIOUS_DOCUMENTHASH_ERROR	The values of the elements "documentHash" and "previousDocumentHash" of the first non-fiscal	documentHeader/previousDocumentHash	Received document type != 0 (Fiscal receipt) or 1 (Report (Z))) and i.EKA did not find any registered document with type != 0 (Fiscal receipt) or 1 (Report (Z)) (i.e. document is the first CR non-fiscal document) and the received previousDocumentHash does not match the received documentHash.	Rejection error	Yes	Yes
21010	NONFISCALDOCUMENT_PREVIOUS_DOCUMENTHASH_MISMATCH	The value of the previousDocumentHash element shall be the same as the value of the documentHash element of the previously submitted non-fiscal document.	documentHeader/previousDocumentHash	Received document type != 0 (Fiscal Receipt) or 1 (Report (Z))) and previousDocumentHash does not match the last registered document with type != 0 (Fiscal Receipt) or 1 (Report (Z)) documentHash.	Rejection error	Yes	Yes
21018	NEGATIVE_DOCUMENT_NUMBER_VF	Document identification number cannot be negative.	documentHeader/documentNumber	Received documentNumber < 0	Rejection error	No	No
21023	FIRST_DOCUMENT_NOT_FISCALDAY_VF	First document registered by cashregister must be report (Z) document	document/fiscalDay	Received document is first for cashregister (cashregister has not yet successfully or with warning errors registered a document) and received document type is other than report (Z)	Rejection error	Yes	Yes
23001	LINKED_DOCUMENT_TO_SELF	The document refers to itself.	linkedDocumentNumbers/linkedDocumentNumber	Received linkedDocumentNumber = received documentHeader/documentNumber (i.e. referencing the same document being provided).	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
23002	INVALID_LINKED_DOCUMENT_NUMBER	A related document with a higher document identification number than the existing document is listed. Only older documents can be referenced.	linkedDocumentNumbers/linkedDocumentNumber	Received linkedDocumentNumber > received documentHeader/documentNumber (i.e. the linked document number is greater than the received document number).	Rejection error	Yes	Yes
23003	INVALID_LINKED_DOCUMENT_TYPE1	The referenced related document is not one of a defined set of possible related document types. Possible document types related to a fiscal receipt: 36 (Advance Invoice).	linkedDocumentNumbers/linkedDocumentNumber	Received document type = 0 (Fiscal receipt) and the type of i.EKA document selected according to the received linkedDocumentNumber is not from the defined set of possible related document types of the fiscal receipt: 36 (Advance invoice). Note: the obtained linkedDocumentNumber is checked against the documentNumber of the documents saved in i.EKA.	Rejection error	Yes	Yes
23004	INVALID_LINKED_DOCUMENT_TYPE2	The referenced related document is not one of a defined set of possible related document types. Possible document types related to the report (Z) are 34 (Non-fiscal tax change document), 35 (Non-fiscal refuelling voucher), 36 (Advance invoice), 41 (Non-fiscal information transfer violation voucher).	linkedDocumentNumbers/linkedDocumentNumber	Received document type = 1 (Report (Z)) and the type of i.EKA document selected according to the received linkedDocumentNumber is not from the set of possible related document types defined in the report (Z): 34 (Non-fiscal tax exchange document), 35 (Non-fiscal technical fuel filling receipt), 36 (Advance bill), 41 (Non-fiscal information transfer violation receipt). Note: the obtained linkedDocumentNumber is checked against the documentNumber of the documents saved in i.EKA.	Rejection error	Yes	Yes
23005	INVALID_LINKED_DOCUMENT_FISCALDAY_NUMBER	The related document referred to belongs to another report (Z). Only documents from the same report (Z) can be referenced.	linkedDocumentNumbers/linkedDocumentNumber	Received document type = 1 (Report (Z)) and according to the received linkedDocumentNumber specificDocumentTypeNumber/fiscalDayNumber of the selected i.EKA	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				document does not match the specificDocumentTypeNumber/fiscalDayNumber of the received document (i.e. a reference is made to a document of another report (Z)). Note: the obtained linkedDocumentNumber is checked against the documentNumber of the documents saved in i.EKA.			
23006	NEGATIVE_LINKED_DOCUMENT_NUMBER_VF	Linked document identification number cannot be negative.	linkedDocumentNumbers/linkedDocumentNumber	Received linkedDocumentNumber < 0	Rejection error	No	No
23100	FISCALDAY_CHAIN_ERROR	No report (Z) was found saved with a fiscal report (Z) number exactly one number lower than the report (Z) number received (i.e., the numbers must be consecutive and not omitted).	specificDocumentTypeNumber/fiscalDayNumber	i.EKA has registered at least one report (Z) (i.e. the report (Z) is not the first CR report (Z)) and the received fiscalDayNumber does not meet the condition that it must be greater by exactly one number compared to the fiscalDayNumber of the last registered report (Z) document (i.e. the numbers must be consecutive and must not be skipped).	Rejection error	Yes	Yes
23101	FISCALDAY_NUMBER_DUPLICATE	A document with the same fiscal statement (Z) number but a different document identification number has already been saved at the security module level. The Fiscal Report (Z) number must be unique.	specificDocumentTypeNumber/fiscalDayNumber	Received document type = 1 (Report (Z)) and according to the received fiscalDayNumber the document i.EKA was found (i.e. the document with the same report (Z) number is already registered).	Rejection error	Yes	Yes
23102	MISSING_RECEIPT_NUMBER_IN_FISCAL_DAY	The document contains a fiscal receipt, but the document is missing the element "receiptNumberInFiscalDay".	specificDocumentTypeNumber/receiptNumberInFiscalDay	Received Document Type = 0 (Fiscal Receipt) and receiptNumberInFiscalDay is blank.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
23103	REDUNDANT_RECEIPT_NUMBER_IN_FISCAL_DAY	The "receiptNumberInFiscalDay" element can only be specified if the document type = 0 (Fiscal receipt)..	specificDocumentTypeNumber/receiptNumberInFiscalDay	Received Document Type != 0 (Fiscal Receipt) and receiptNumberInFiscalDay is filled.	Rejection error	Yes	Yes
23104	RECEIPT_CHAIN_ERROR	No saved fiscal receipt was found with a report number (Z) exactly one number lower than the received fiscal receipt number in the report (Z) (i.e., the numbers must be consecutive and must not be skipped).	specificDocumentTypeNumber/receiptNumberInFiscalDay	The last registered receipt of the day and the received receiptNumberInFiscalDay do not meet the condition that they must be greater by exactly one number compared to the receiptNumberInFiscalDay of the last registered daily receipt (i.e. the numbers must be consecutive and must not be skipped). Note: this error is not checked for the first received receipt of the fiscal day.	Rejection error	Yes	Yes
23105	RECEIPT_NUMBER_DUPLICATE	A document with the same fiscal receipt number in the report (Z) and the current report number (Z), but a different document number, has already been saved at the security module level. The fiscal receipt number in the current report (Z) must be unique.	specificDocumentTypeNumber/receiptNumberInFiscalDay	According to the received receiptNumberInFiscalDay and fiscalDayNumber, a document i.EKA was found (i.e. a document with the same document number in the report (Z) and the current report (Z) number is already registered).	Rejection error	Yes	Yes
23106	MISSING_NONFISCALDOCUMENT_NUMBER_IN_FISCAL_DAY	The document contains a non-fiscal document type, but the document is missing the element "nonFiscalDocumentNumberInFiscalDay".	specificDocumentTypeNumber/nonFiscalDocumentNumberInFiscalDay	Received document type != (0 (Fiscal Receipt) or 1 (Report (Z))) and nonFiscalDocumentNumberInFiscalDay is not filled.	Rejection error	Yes	Yes
23107	REDUNDANT_NONFISCALDOCUMENT_NUMBER_IN_FISCAL_DAY	The element 'nonFiscalDocumentNumberInFiscalDay' can only be specified if	specificDocumentTypeNumber/nonFiscalDocumentNumberInFiscalDay	Received DocumentType = (0 (Fiscal Receipt) or 1 (Report (Z))) and nonFiscalDocumentNumberInFiscalDay is filled	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		the document type is non-fiscal.					
23108	NONFISCALDOCUMENT_CHAIN_ERROR	No saved non-fiscal document was found with a report number (Z) exactly one number lower than the received non-fiscal document number in the report (Z) (i.e., the numbers must be consecutive and must not be skipped).	specificDocumentTypeNumber/nonFiscalDocumentNumberInFiscalDay	The last registered non-fiscal document of the day and the received nonFiscalDocumentNumberInFiscalDay do not meet the condition that they must be greater by exactly one number compared to the nonFiscalDocumentNumberInFiscalDay of the last registered non-fiscal document of the day (i.e. the numbers must be consecutive and must not be skipped). Note: this error is not checked for the first received non-fiscal document of the fiscal day.	Rejection error	Yes	Yes
23109	NONFISCALDOCUMENT_NUMBER_DUPLICATE	A document with the same non-fiscal document number in the report (Z) and current report number (Z) but a different document number in the report (Z) has already been saved at the security module level. The non-fiscal document number in the current report (Z) must be unique.	specificDocumentTypeNumber/nonFiscalDocumentNumberInFiscalDay	According to the received nonFiscalDocumentNumberInFiscalDay and fiscalDayNumber, a document i.EKA was found (i.e. a document with the same document number in the report (Z) and current report (Z) number is already registered).	Rejection error	Yes	Yes
23200	MISSING_LOCATION_UID	The payment instrument is stationary, but the document is missing the "locationUID" element.	location/locationUID	The CR is stationary and the received document does not contain locationUID data. Note: AP is selected based on the transport certificate received.	Warning	Yes	Yes
23201	MISSING_LOCATION_DATA	The payment method is mobile, but the document is missing address details. The element 'locationUID' and/or the	location/locationUID	The CR is mobile and the received document does not contain locationUID, locationLKSY or locationLKSY data.	Warning	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		elements 'locationLKSY', 'locationLKSY' are mandatory.					
23202	LOCATION_UID_NOT_ASSIGNED_TO_CASH_REGISTER	The unique identification number of the cashregister address is not assigned to the cashregister in the i.EKA Settlement Instrument Register.	location/locationUID	The received locationUID does not match the trading location assigned to the payment instrument in the i.EKA CR register. The validity of the locationUID assignment is checked at the current time.	Warning	Yes	Yes
23203	MISSING_LOCATION_LKSX	The document contains the element "locationLKSY" but the element "locationLKSY" is missing. These elements must be specified together or not at all.	location/locationLKSY	The received document does not contain locationLKSY data, although locationLKSY data has been received.	Warning	Yes	Yes
23204	MISSING_LOCATION_LKSY	The document contains the element "locationLKSY" but the element "locationLKSY" is missing. These elements must be specified together or not at all.	location/locationLKSY	The received document does not contain locationLKSY data, although locationLKSY data have been received.	Warning	Yes	Yes
23205	INVALID_LOCATION_LKSX	Invalid element „locationLKSY“ value. Possible value interval: [298000..681000].	location/locationLKSY	Received locationLKSY < 298000 or locationLKSY >681000.	Warning	Yes	Yes
23206	INVALID_LOCATION_LKSY	Invalid element „locationLKSY“ value. Possible valueinterval: [5970000..6270000].	location/locationLKSY	Received locationLKSY < 5970000 or locationLKSY >6270000.	Warning	Yes	Yes
24000	TOTAL_SALES_AMOUNT_VALUE_INVALID	The value of the "totalSalesAmount" element must be positive or equal to zero.	salesOperationData/totalSalesAmount	TotalSalesAmount < 0 received.	Rejection error	Yes	Yes
24001	TOTAL_SALES_AMOUNT_VALUE_MISMATCH	The value of the element "totalSalesAmounttotalSalesAmount" must be equal to the sum of the elements "salesAmountAfterTax" of all "salesOperationTaxDetails/sale	salesOperationData/totalSalesAmount	Received totalSalesAmount != sum of all lines of the received document salesOperationTaxDetails/salesOperationTaxLine salesAmountAfterTax.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		sOperationTaxLine" elements of the detail document lines.					
24002	TOTAL_SALES_TAX_AMOUNT_VALUE_INVALID	The value of the "totalSalesTaxAmount" element must be positive or equal to zero.	salesOperationData/totalSalesTaxAmount	Received totalSalesTaxAmount != „xs:nil = "true"" and received totalSalesTaxAmount < 0.	Rejection error	Yes	Yes
24003	TOTAL_SALES_TAX_AMOUNT_VALUE_MISMATCH	The value of the element "totalSalesTaxAmount" must be equal to the sum of the elements "taxAmount" of all the details lines "salesOperationTaxDetails/salesOperationTaxLine" of the document.	salesOperationData/totalSalesTaxAmount	At least one line of the received document salesOperationTaxDetails/salesOperationTaxLine received taxRate != "" (empty value) and received totalSalesTaxAmount != sum taxAmount of all lines of the received document salesOperationTaxDetails/salesOperationTaxLine. Possible rounding error: - in the case of a fiscal receipt, it must not exceed the value (in cents) specified in the system parameter SALE_RECEIPT_ROUNDING_ERROR_IN_CENTS, - in the case of a report (Z), it must not exceed the value (in cents) specified in the system parameter SALE_REPORT_ROUNDING_ERROR_IN_CENTS.	Rejection error	Yes	Yes
24004	REDUNDANT_TOTAL_SALES_TAX_AMOUNT	The value of the element "totalSalesTaxAmount" must be equal to "xsi:nil = "true"", because the elements "taxAmount" of the detail lines of the document "salesOperationTaxDetails/sale	salesOperationData/totalSalesTaxAmount	For all rows of the received document salesOperationTaxDetails/salesOperationTaxLine salesOperationTaxLine, the resulting taxRate = "" (empty value) and the resulting totalSalesTaxAmount != 'xsi:nil = "true"'.	Rejection error	Yes	Taip

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		sOperationTaxLine" contain the relevant data.					
24050	MISSING_DOCUMENT_FISCAL_AMOUNTS_OR_BUYING_DATA	The "documentFiscalAmounts" element and/or the purchase data must be mandatory in the fiscal receipt. If the document does not contain such data, then a non-fiscal document must be submitted.	receipt/documentFiscalAmounts	Received document type = 0 (Fiscal receipt) and no otherCashCollectionOperations/collectionType with collectionType = 3 (Purchase) and no documentFiscalAmounts (i.e., the fiscal receipt must contain the document's fiscal amounts and/or purchase data).	Rejection error	Yes	Yes
24100	INVALID_TAX_RATE	Incorrect tax rate. Possible values: 0, 5, 9, 21. If VAT is not levied, the empty value.	salesOperationTaxLine/taxRate, fiscalDayTaxTable/taxRate, taxTable/taxRate	The received taxRate != "" (empty value) and the received taxRate is not from the defined set of valid TAX_RATE records.	Rejection error	Yes	Yes
24101	TAX_AMOUNT_VALUE_INVALID	The value of the "taxAmount" element must be positive or equal to zero.	salesOperationTaxLine/taxAmount	Received taxRate != "" (empty value) and received taxAmount < 0.	Rejection error	Yes	Yes
24102	TAX_AMOUNT_VALUE_MISMATCH	The value of the "taxAmount" element must be equal to the amount of the sale without tax multiplied by the tax rate value.	salesOperationTaxLine/taxAmount	Received taxRate != "" (empty value) and received taxAmount != (salesAmountAfterTax - taxAmount) * the rate value in the classifier is selected based on the received taxRate. Note: Rounding according to arithmetic rules to 2 decimal places. Possible rounding error: - in the case of a fiscal receipt, it must not exceed the value specified in the system parameter TAX_AMOUNT_RECEIPT_ROUNDING_ERROR_IN_CENTS. - in the case of the report (Z) must not exceed the value specified in the system parameter	Warning error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				TAX_AMOUNT_REPORT_ROUNDING_ERROR_IN_CENTS.			
24103	REDUNDANT_TAX_AMOUNT	The value of the element "taxAmount" must be equal to "xsi:nil = "true"", because "taxRate" contains the corresponding data.	salesOperationTaxLine/taxAmount	Received taxRate = "" (empty value) and received taxAmount != "xsi:nil = "true"".	Rejection error	Yes	Yes
24104	SALES_AMOUNT_AFTER_TAX_VALUE_INVALID	The value of the "salesAmountAfterTax" element must be positive or equal to zero.	salesOperationTaxLine/salesAmountAfterTax	The resulting salesAmountAfterTax < 0.	Rejection error	Yes	Yes
24200	TOTAL_SALES_AMOUNT_WITHOUT_DISCOUNT_ADDITION_VALUE_INVALID	The value of the element "totalSalesAmountWithoutDiscountAddition" must be positive.	discountsAdditions/totalSalesAmountWithoutDiscountAddition	TotalSalesAmountWithoutDiscountAddition <= 0.	Rejection error	Yes	Yes
24201	TOTAL_SALES_DISCOUNT_QUANTITY_VALUE_INVALID	The value of the element "totalSalesDiscountQuantity" must be positive.	discountsAdditions/totalSalesDiscountQuantity	Received document type = 1 (Report (Z)) and received totalSalesDiscountQuantity <= 0.	Rejection error	Yes	Yes
24202	MISSING_TOTAL_SALES_DISCOUNT_QUANTITY	The document contains the element "totalSalesDiscountAmount" but the element "totalSalesDiscountQuantity" is missing. These elements must be reported together or not at all in the report (Z).	discountsAdditions/totalSalesDiscountQuantity	Received document type = 1 (Report (Z)) and received totalSalesDiscountAmount and totalSalesDiscountQuantity are not filled in (i.e. in the case of Report (Z), the field is mandatory if the amount of discounts on sales transactions is specified).	Rejection error	Yes	Yes
24203	TOTAL_SALES_DISCOUNT_AMOUNT_VALUE_INVALID1	The value of the element "totalSalesDiscountAmount" must be positive.	discountsAdditions/totalSalesDiscountAmount	TotalSalesDiscountAmount <= 0.	Rejection error	Yes	Yes
24204	MISSING_TOTAL_SALES_DISCOUNT_AMOUNT	The document contains the element "totalSalesDiscountQuantity" but the element "totalSalesDiscountAmount" is missing. These elements must	discountsAdditions/totalSalesDiscountAmount	Received document type = 1 (Report (Z)) and received totalSalesDiscountQuantity and totalSalesDiscountAmount are not filled in (i.e. for Report (Z), the field is mandatory if the number of discounts on sales transactions is specified).	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		be reported together or not at all in the report (Z).					
24205	TOTAL_SALES_DISCOUNT_AMOUNT_VALUE_INVALID2	The value of the element "totalSalesDiscountAmount" must be less than or equal to the value of the element "totalSalesAmountWithoutDiscountAddition".	discountsAdditions/totalSalesDiscountAmount	Received totalSalesDiscountAmount > received totalSalesAmountWithoutDiscountAddition.	Rejection error	Yes	Yes
24206	MISSING_DISCOUNT_ADDITIONS_DATA	The element "totalSalesDiscountAmount" and/or the element "totalSalesAdditionAmount" must be present in the element "discountsAdditions".	discountsAdditions/totalSalesDiscountAmount discountsAdditions/totalSalesAdditionAmount	Neither totalSalesDiscountAmount nor totalSalesAdditionAmount data are received (i.e., in the discounts and mark-ups element it is mandatory to specify the number of discounts and/or the amount of mark-ups of the sales transactions).	Rejection error	Yes	Yes
24207	TOTAL_SALES_ADDITION_QUANTITY_VALUE_INVALID	The value of the element "totalSalesAdditionQuantity" must be positive.	discountsAdditions/totalSalesAdditionQuantity	Received document type = 1 (Report (Z)) and received totalSalesAdditionQuantity totalSalesAdditionQuantity <= 0.	Rejection error	Yes	Yes
24208	MISSING_TOTAL_SALES_ADDITION_QUANTITY	The document contains the element "totalSalesAdditionAmount" but the element "totalSalesAdditionQuantity" is missing. These elements must be reported together or not at all in the report (Z).	discountsAdditions/totalSalesAdditionQuantity	Received document type = 1 (Report (Z)) and received totalSalesAdditionAmount and totalSalesAdditionQuantity are not filled in (i.e. in the case of Report (Z), the field is mandatory if the amount of markups on sales transactions is specified).	Rejection error	Yes	Yes
24209	TOTAL_SALES_ADDITION_AMOUNT_VALUE_INVALID	The value of the element "totalSalesAdditionAmount" must be positive.	discountsAdditions/totalSalesAdditionAmount	TotalSalesAdditionAmount <= 0.	Rejection error	Yes	Yes
24210	MISSING_TOTAL_SALES_ADDITION_AMOUNT	The document contains the element "totalSalesAdditionQuantity" but the element "totalSalesAdditionAmount" is missing. These elements must	discountsAdditions/totalSalesAdditionAmount	Received document type = 1 (Report (Z)) and received totalSalesAdditionQuantity and received totalSalesAdditionAmount are not filled in (i.e., for Report (Z) the field is mandatory if the number of	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		be reported together or not at all in the report (Z).		markups on sales transactions is specified).			
24300	CORRECTIONS_QUANTITY_VALUE_INVALID	The value of the element "correctionsQuantity" must be positive.	corrections/correctionsQuantity	The resulting correctionsQuantity <= 0.	Rejection error	Yes	Yes
24301	CORRECTIONS_AMOUNT_VALUE_INVALID	The value of the element "correctionsAmount" must be positive.	corrections/correctionsAmount	The resulting correctionsAmount <= 0.	Rejection error	Yes	Yes
24400	INVALID_COLLECTION_DIRECTION	An inappropriate feature of the operation. Possible values IN, OUT.	otherCashCollectionOperations/collectionDirection, PICashOperationDetails/operationDirection	The resulting collectionDirection does not come from the defined set of values: IN, OUT.	Rejection error	Yes	Yes
24401	INVALID_COLLECTION_TYPE	Wrong type of operation. Possible values: 1, 2, 3, 4.	otherCashCollectionOperations/collectionType	The resulting collectionType is not from a defined set of valid CASH_COLLECTION_TYPE records.	Rejection error	Yes	Yes
24402	COLLECTION_TYPE_MISMATCH1	The transaction type shown does not apply to collected contribution transactions. Possible values: 1, 2, 4.	otherCashCollectionOperations/collectionType	The resulting collectionDirection = IN and the resulting collectionType are not applicable to collected contribution transactions.	Rejection error	Yes	Yes
24403	COLLECTION_TYPE_MISMATCH2	The transaction type shown does not apply to payout transactions. Possible values: 1, 2, 3, 4.	otherCashCollectionOperations/collectionType	The resulting collectionDirection = OUT and the resulting collectionType are not applicable to payout transactions.	Rejection error	Yes	Yes
24404	COLLECTION_TYPE_DOCUMENT_TYPE_MISMATCH1	Purchase transactions can only be specified for the following document types: 0 (Fiscal receipt), 1 (Report (Z)).	otherCashCollectionOperations/collectionType	Received document type != (0 (Fiscal receipt) or 1 (Report (Z))) and collectionType = 3 (Purchase) (i.e. purchase transactions must be in the fiscal documents as they increase the global counters).	Rejection error	Yes	Yes
24405	COLLECTION_TYPE_DOCUMENT_TYPE_MISMATCH2	Return transactions can only be specified for the following document types: 1 (Report (Z)), 37 (Non-fiscal document for the return of goods and/or withdrawal of services).	otherCashCollectionOperations/collectionType	Type of document received != (1 (Report (Z)) or 37 (Non-fiscal return/refusal document)) and collectionType = 4 (Refund).	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
24406	COLLECTION_TYPE_DOCUMENT_TYPE_MISMATCH3	Only the following collection types can be specified for the non-fiscal document for the return of goods and/or withdrawal of services: 1 (Deposit), 2 (Other), 4 (Return).	otherCashCollectionOperations/collectionType	Received document type = 37 (Non-fiscal return/refusal document)) and collectionType != (1 (Deposit), 2 (Other) or 4 (Refund)).	Rejection error	Yes	Yes
24407	COLLECTION_AMOUNT_VALUE_INVALID	The value of the element "collectionAmount" must be positive.	otherCashCollectionOperations/collectionAmount	Received collectionAmount <= 0.	Rejection error	Yes	Yes
24408	CASH_REGISTER_NOT_FOUND_IN_APR2	The number identifying the settlement instrument of the receipt on which the refund is made is not found in the i.EKA register of cashregister.	otherCashCollectionOperations/returnedDocumentCashRegisterRegistrationNo	Type of document received = 37 (Non-fiscal document for the return of goods and/or withdrawal of services)) and the returnedDocumentCashRegisterRegistrationNo was not found in the CR i.EKA CR register.	Warning	Yes	Yes
24409	CASH_REGISTER_NOT_ASSIGNED_TO_TAX_PAYER2	The cashregister of the refund voucher is not assigned to the taxpayer in the i.EKA register	otherCashCollectionOperations/returnedDocumentCashRegisterRegistrationNo	Received document type = 37 (Non-fiscal document for the return of goods and/or withdrawal of services)) and the CR selected by returnedDocumentCashRegisterRegistrationNo is not allocated to a taxable person in the i.EKA CR register. Note: The taxpayer is selected based on the registrationNumber received.	Warning	Yes	Yes
24410	MISSING_RETURNED_DOCUMENT_DATA	For a non-fiscal document for the return of goods and/or withdrawal of services, the transaction type = 4 (Return) is specified, but the document under which the return is made is missing. Either the elements 'returnedDocumentCashRegisterRegistrationNo', 'returnedDocumentNumber' or	otherCashCollectionOperations/returnedDocumentCashRegisterRegistrationNo	Received document type = 37 (Non-fiscal document for the return of goods and/or withdrawal of services) and received collectionType = 4 (Return) and no returnedDocumentCashRegisterRegistrationNo, returnedDocumentNumber or returnedOtherSalesDocumentNumber	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		the element 'returnedOtherSalesDocumentNumber' are mandatory.		data are available.			
24411	RETURNED_DOCUMENT_DATA_INVALID	The document contains both the elements "returnedDocumentCashRegisterRegistrationNo", "returnedDocumentNumber" and the element "returnedOtherSalesDocumentNumber". Either the elements 'returnedDocumentCashRegisterRegistrationNo', 'returnedDocumentNumber' or the element 'returnedOtherSalesDocumentNumber' can be provided, but not all elements at once.	otherCashCollectionOperations/returnedDocumentCashRegisterRegistrationNo	Received document type = 37 (Non-fiscal document for the return of goods and/or withdrawal of services) and received collectionType = 4 (Return) and returnedDocumentCashRegisterRegistrationNo submitted and returnedDocumentNumber submitted and returnedOtherSalesDocumentNumber submitted.	Rejection error	Yes	Yes
24412	MISSING_RETURNED_DOCUMENT_CASH_REGISTER_NO_ELEMENT	The document contains the element "returnedDocumentNumber" but the element "returnedDocumentCashRegisterRegistrationNo" is missing. These elements must be reported together or not at all.	otherCashCollectionOperations/returnedDocumentCashRegisterRegistrationNo	Type of document received = 37 (Non-fiscal document for the return of goods and/or withdrawal of services)) and no returnedDocumentCashRegisterRegistrationNo data is received although returnedDocumentNumber data is received.	Rejection error	Tap	Tap
24413	MISMATCHED_RETURNED_DOCUMENT_CASH_REGISTER_NO_ELEMENT1	The document contains the element "returnedDocumentCashRegisterRegistrationNo"	otherCashCollectionOperations/returnedDocumentCashRegisterRegistrationNo	The document contains the element "returnedDocumentCashRegisterRegistrationNo", but it can only be specified for the following transaction types: 4 (Returns).	Rejection error	Yes	Yes
24414	MISSING_RETURNED_DOCUMENT_NUMBER_ELEMENT	The document contains the element "returnedDocumentCashRegisterRegistrationNo" but the	otherCashCollectionOperations/returnedDocumentNumber	Type of document received = 37 (Non-fiscal document for the return of goods and/or withdrawal of services)) and no returnedDocumentNumber	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		element "returnedDocumentNumber" is missing. These elements must be reported together or not at all.		data is received although returnedDocumentCashRegisterRegistrationNo data is received.			
24415	MISMATCHED_RETURNED_DOCUMENT_NUMBER_ELEMENT1	The document contains the element "returnedDocumentNumber", but it can only be specified for the following transaction types: 4 (Return).	otherCashCollectionOperations/returnedDocumentNumber	Received document type = 37 (Non-fiscal document for the return of goods and/or withdrawal of services)) and received collectionType != 4 (Returns) and returnedDocumentNumber is provided.	Rejection error	Yes	Yes
24416	MISMATCHED_RETURNED_OTHER_SALES_DOCUMENT_NUMBER_ELEMENT1	The document contains the element "returnedOtherSalesDocumentNumber", but it can only be specified for the following transaction types: 4 (Return).	otherCashCollectionOperations/returnedOtherSalesDocumentNumber	Document type received = 37 (Non-fiscal return/refusal document)) and collectionType received != 4 (Return) and returnedOtherSalesDocumentNumber submitted.	Rejection error	Yes	Yes
24417	MISSING_RETURN_OPERATION_DATA	For a non-fiscal document for the return of goods or services it is mandatory to provide at least one operation which type is 4 (Return).	otherCashCollectionOperations/collectionType	Received document type = 37 (Non Fiscal Return Document) and it is not received otherCashCollectionOperations element with collectionType = 4 (Return).	Rejection error	Yes	Yes
24500	TOTAL_AMOUNT_VALUE_TO_PAY_VALUE_MISMATCH1	The value of the element 'totalAmountToPay' must be equal to: the sum of all the lines 'paidAmountNatCur' of the document 'paymentDetails' received - the sum of all the lines 'payoutAmountNatCur' of the document 'payoutDetails' received.	receiptPayments/totalAmountToPay	The received document has paymentDetails or payoutDetails data and the received totalAmountToPay != (sum of all paymentDetails lines of the received document paidAmountNatCur - sum of all payoutDetails lines of the received document payoutAmountNatCur).	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
24501	TOTAL_AMOUNT_VALUE_TO_PAY_GLOBAL_VALUE_MISMATCH1	The value of the element "totalAmountToPay" must be equal to: salesOperationData/totalSalesAmount + the sum of all "collectionAmount" rows of the received document "otherCashCollectionOperations" with "collectionDirection" = IN, - the sum of all "collectionAmount" rows of the received document "otherCashCollectionOperations" with "collectionDirection" = OUT. Note: if any data is not received, the corresponding element is assumed to be 0.	receiptPayments/totalAmountToPay	Received document type = 0 (Fiscal receipt) and received totalAmountToPay != received salesOperationData/totalSalesAmount + sum of all rows of the received document otherCashCollectionOperations collectionAmount with collectionDirection = IN - sum of all rows of the received document otherCashCollectionOperations collectionAmount with collectionDirection = OUT. Note: if any data is not received, the corresponding element is assumed to be 0.	Rejection error	Yes	Yes
24502	RECEIPT_TOTAL_AMOUNT_VALUE_TO_PAY_GLOBAL_VALUE_MISMATCH2	The value of the "totalAmountToPay" element must be equal to: the sum of all "collectionAmount" lines of the received document "otherCashCollectionOperations" with "collectionDirection" = IN, - the sum of all "collectionAmount" lines of the received document "otherCashCollectionOperations" with "collectionDirection" = OUT. Note: If no data is received, the corresponding element is assumed to be 0.	receiptPayments/totalAmountToPay	Received document type != 0 (Fiscal Receipt) and received totalAmountToPay != sum of all received document otherCashCollectionOperations rows collectionAmount with collectionDirection = IN, - sum of all received document otherCashCollectionOperations rows collectionAmount with collectionDirection = OUT. Note: If no data is received, the corresponding element is assumed to be 0.	Rejection error	Yes	Yes
24600	INVALID_PAYMENT_TYPE	Inappropriate payment method. Possible values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.	paymentDetails/paymentType	The resulting paymentType is not from the defined set of valid PAYMENT_PAYOUT_TYPE records.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
24601	PAYMENT_TYPE_MISMATCH	The payment method shown does not apply to payment transactions. Possible values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.	paymentDetails/paymentType	The resulting paymentType is not applied to payment transactions.	Rejection error	Yes	Yes
24602	PAYMENT_TYPE_ROUNDING_NOT_VALID	Cash rounding requirements do not apply, so the method of payment cannot be specified: 10.	paymentDetails/paymentType	Cash rounding requirements were invalid at the date and time of the received SubmitDocumentRequest / requestDateTime (earlier than specified in the system parameter CASH_ROUNDING_DATE) and received paymentType = 10 (Rounding) (i.e. rounding can only be applied if valid).	Rejection error	Yes	Yes
24603	PAYMENT_TYPE_ROUNDING_CURRENCY_INVALID	Rounding operations are only available for euro transactions.	paymentDetails/paymentType	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter CASH_ROUNDING_DATE) and received paymentType = 10 (Rounding) and received paymentCurrency != EUR (i.e. rounding can only be applied to operations in euros).	Rejection error	Yes	Yes
24604	PAYMENT_TYPE_ROUNDING_APPLICATION_INVALID	Rounding operations are only possible if the document contains cash transactions in euro.	paymentDetails/paymentType	Cash rounding requirements were valid on the date and time of the received documentHeader/documentDadocumentDateTime and received paymentType = 10 (Rounding) and (the received document does not contain a paymentDetails line with paymentType = 1 (Cash) and (paymentCurrency = EUR or paymentCurrency is not available) or a payoutDetails line with payoutType = 1 (Cash) and (payoutCurrency = EUR or	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				payoutCurrency is not available)) (t.i.e. rounding can only be applied if the document contains cash transactions in EUR).			
24605	PAID_AMOUNT_NAT_CUR_VALUE_INVALID	The value of the element "paidAmountNatCur" must be positive.	paymentDetails/paidAmountNatCur	Received paidAmountNatCur <= 0.	Rejection error	Yes	Yes
24606	PAID_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID1	According to the rounding rules of the Bank of Lithuania, the value of the element "paidAmountNatCur" for a rounding operation in a document can be 1 or 2 ct.	paymentDetails/paidAmountNatCur	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter CASH_ROUNDING_DATE) and received document type = (0 (Fiscal receipt), 37 (Non-fiscal document for return of goods and/or refusal of services) or 38 (Non-fiscal payment of other funds / disbursement transactions receipt)) and received paymentType = 10 (Rounding) and received paidAmountNatCur > 0.02 Eur (i.e. according to the rounding rules of the Bank of Lithuania, rounding in the document can be 1 or 2 ct).	Rejection error	Yes	Yes
24607	PAID_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID2	In accordance with the Bank of Lithuania's rounding rules, the value of the element "paidAmountNatCur" for a cash transaction in a document must be rounded to the nearest multiple of 5 cents.	paymentDetails/paidAmountNatCur	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter CASH_ROUNDING_DATE) and received document type = (0 (Fiscal receipt), 37 (Non-fiscal document for return of goods and/or refusal of services) or 38	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				(Non-fiscal payment of other funds / disbursement transactions receipt)) and received paymentType = 1 (Cash) and received paidAmountNatCur > 0.05 Eur and received paidAmountNatCur does not end in 0 or 5 ct. (i.e. according to the rounding rules of the Bank of Lithuania, the cash amount in the document must be rounded to the nearest multiple of 5 cents).			
24608	INVALID_PAYMENT_CURRENCY	Incorrect payment currency. Possible values according to ISO 4217.	paymentDetails/paymentCurrency	The resulting paymentCurrency is not from the defined set of valid CURRENCY_CODE records.	Rejection error	Yes	Yes
24609	PAID_AMOUNT_PAYMENT_CUR_VALUE_INVALID	The value of the element "paidAmountPaymentCur" must be positive.	paymentDetails/paidAmountPaymentCur	Received paidAmountPaymentCur <= 0.	Rejection error	Yes	Yes
24610	PAYMENT_EXCHANGE_RATE_VALUE_INVALID	The value of the "exchangeRate" element must be positive.	paymentDetails/exchangeRate	ExchangeRate <= 0 received.	Rejection error	Yes	Yes
24611	PAYMENT_TYPE_DOCUMENT_TYPE_MISMATCH	For non-fiscal payment of other funds / disbursement transactions receipt it is not allowed to provide these payment types: 6 (Reimbursed by the Compulsory Health Insurance Fund budget), 7 (Reimbursed by the state budget).	paymentDetail/paymentType	Received document type = 38 (non-fiscal payment of other funds / disbursement transactions receipt) and paymentType = (6 (Reimbursed by the Compulsory Health Insurance Fund budget) or 7 (Reimbursed by the state budget)).	Rejection error	Yes	Yes
24700	INVALID_PAYOUT_TYPE	Inappropriate payment method. Possible values: 1, 2, 3, 4, 5, 8, 9, 10.	payoutDetails/payoutType	The resulting payoutType is not from the defined set of valid PAYMENT_PAYOUT_TYPE records.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
247 01	PAYOUT_TYPE_MISMATCH	The method of disbursement shown does not apply to cash-in transactions. Possible values: 1, 2, 3, 4, 5, 8, 9, 10.	payoutDetails/payoutType	The resulting payoutType is not applied to cash-in transactions.	Rejection error	Yes	Yes
247 02	PAYOUT_TYPE_ROUNDING_NOT_VALID	Cash rounding requirements do not apply, so the method of payment cannot be specified: 10.	payoutDetails/payoutType	Cash rounding requirements were invalid at the date and time of the received SubmitDocumentRequest / requestDateTime (earlier than specified in the system parameter CASH_ROUNDING_DATE) and received payoutType = 10 (Rounding) (i.e. rounding can only be applied if valid).	Rejection error	Yes	Yes
247 03	PAYOUT_TYPE_ROUNDING_CURRENCY_INVALID	Rounding operations are only available for euro transactions.	payoutDetails/payoutType	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter CASH_ROUNDING_DATE) and received payoutType = 10 (Rounding) and received payoutCurrency != EUR (i.e. rounding can only be applied to operations in EUR).	Rejection error	Yes	Yes
247 04	PAYOUT_TYPE_ROUNDING_APPLICATION_INVALID	Rounding operations are only possible if the document contains cash transactions in euro.	payoutDetails/payoutType	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter CASH_ROUNDING_DATE) and received payoutType = 10 (Rounding) and (the received document does not receive a paymentDetails line where paymentType = 1 (Cash) and (paymentCurrency = EUR or paymentCurrency does not exist), or a	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				payoutDetails string where payoutType = 1 (Cash) and (payoutCurrency = EUR or payoutCurrency does not exist)) (i.e. rounding can only be applied if the document contains cash transactions in EUR).			
24705	PAYOUT_AMOUNT_NAT_CUR_VALUE_INVALID	The value of the element "payoutAmountNatCur" must be positive.	payoutDetails/payoutAmountNatCur	Resulting payoutAmountNatCur <= 0.	Rejection error	Yes	Yes
24706	PAYOUT_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID1	According to the rounding rules of the Bank of Lithuania, the value of the element "payoutAmountNatCur" for a rounding operation in a document can be 1 or 2 ct.	payoutDetails/payoutAmountNatCur	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter CASH_ROUNDING_DATE) and received document type = (0 (Fiscal receipt), 37 (Non-fiscal document for return of goods and/or refusal of services) or 38 (Non-fiscal payment of other funds / disbursement transactions receipt)) and received payoutType = 10 (Rounding) and received payoutAmountNatCur > 0.02 Eur (i.e. according According to the rounding rules of the Bank of Lithuania, rounding in the document can be 1 or 2 ct).	Rejection error	Yes	Yes
24707	PAYOUT_AMOUNT_NAT_CUR_ROUNDING_VALUE_INVALID2	In accordance with the Bank of Lithuania's rounding rules, the value of the element "payoutAmountNatCur" for a cash transaction in a document	payoutDetails/payoutAmountNatCur	Cash rounding requirements were valid on the date and time of the received SubmitDocumentRequest / requestDateTime (the effective date of rounding requirements is specified in the system parameter	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		must be rounded to the nearest multiple of 5 cents.		CASH_ROUNDING_DATE) and received document type = (0 (Fiscal receipt), 37 (Non-fiscal document for return of goods and/or refusal of services) or 38 (Non-fiscal payment of other funds / disbursement transactions receipt)) and received payoutType = 1 (Cash) and received payoutAmountNatCur > 0.05 Eur and received payoutAmountNatCur not ending in 0 or 5 ct. (i.e. according to the rounding rules of the Bank of Lithuania, the cash amount in the document must be rounded to the nearest multiple of 5 cents).			
24708	INVALID_PAYOUT_CURRENCY	Incorrect currency of payment. Possible values according to ISO 4217.	payoutDetails/payoutCurrency	The resulting payoutCurrency is not from the defined set of valid CURRENCY_CODE records.	Rejection error	Yes	Yes
24709	PAYOUT_AMOUNT_PAYMENT_CUR_VALUE_INVALID	The value of the element "payoutAmountPaymentCur" must be positive.	payoutDetails/payoutAmountPaymentCur	Received payoutAmountPaymentCur <= 0.	Rejection error	Yes	Yes
24710	PAYOUT_EXCHANGE_RATE_VALUE_INVALID	The value of the element "exchangeRate" must be positive.	payoutDetails/exchangeRate	Received exchangeRate <= 0.	Rejection error	Yes	Yes
24711	PAYOUT_TYPE_DOCUMENT_TYPE_MISMATCH	For Fiscal receipt and for non-fiscal payment of other funds / disbursement transactions receipt it is not allowed these payout types: 6 (Reimbursed by the Compulsory Health Insurance Fund budget), 7 (Reimbursed by the state budget).	payoutDetail/payoutType	Received document type = (0 (fiscal receipt) or 38 (non-fiscal payment of other funds / disbursement transactions receipt)) and payoutType = (6 (Reimbursed by the Compulsory Health Insurance Fund budget) or 7 (Reimbursed by the state budget)).	Rejection error	Yes	Yes
25000	TOTAL_AMOUNT_VALUE_TO_PAY_VALUE_MISMATCH2	The value of the element 'totalAmountToPay' must be equal to: the sum of all the	fiscalDayPayments/totalAmountToPay	The received document contains paymentDetails or payoutDetails data and received totalAmountToPay !=	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		lines 'paidAmountNatCur' of the document 'paymentDetails' received - the sum of all the lines 'payoutAmountNatCur' of the document 'payoutDetails' received.		(sum of all paymentDetails lines of the received document paidAmountNatCur - sum of all payoutDetails lines of the received document payoutAmountNatCur).			
25001	FISCAL_DAY_TOTAL_AMOUNT_VALUE_TO_PAY_GLOBAL_VALUE_MISMATCH2	The value of the "totalAmountToPay" element must be equal to: "salesOperationData/totalSalesAmount" + sum of all collectionAmount lines of the received document "otherCashCollectionOperations" with "collectionDirection" = IN, - sum of all "collectionAmount" lines of the received document "otherCashCollectionOperations" with "collectionDirection" = OUT. Note: If no data is received, the corresponding element is assumed to be 0.	fiscalDayPayments/totalAmountToPay	TotalAmountToPay Received != salesOperationData/totalSalesAmount received + sum of all rows of received document otherCashCollectionOperations collectionAmount with collectionDirection = IN, - sum of all rows of received document otherCashCollectionOperations collectionAmount with collectionDirection = OUT. Note: If no data is received, the corresponding element is assumed to be 0.	Rejection error	Yes	Yes
25050	MISSING_FISCAL_DAY_PAYMENTS_DATA	In case report (Z) contains „Sales transactions information“ and / or "Other payment / disbursement transactions information" data, then it is also mandatory to provide „Payments summary information“ data.	fiscalDay/fiscalDayPayments	Received salesOperationData or otherCashCollectionOperation elements and fiscalDayPayments is not provided.	Rejection error	Yes	Yes
25100	PERIOD_START_TIME_EARLIER_THAN_LAST_FISCALDAY_PERIOD_END_TIME	The start date and time of the reporting period (Z) shall not be earlier than the end date and time of the previous reporting period (Z).	dailyData/periodStartDateTime	i.EKA has registered at least one report (Z) (i.e. report (Z) is not the first CR report (Z)) and received periodStartDateTime < periodEndDateTime of the last	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				registered report (Z) (i.e. period start date and time of report (Z) must not earlier than the end date and time of the last registered report (Z) period). During the inspection, the time change from summer to winter time must also be evaluated.			
25101	PERIOD_END_TIME_LATER_THAN_DOCUMENT_TIME	The end date and time of the reporting period (Z) shall not be earlier than the start date and time of the period.	dailyData/periodEndDateTime	Received periodEndDateTime < received periodStartDateTime. Note: The time change from summer to wintertime must be considered in the check.	Rejection error	Yes	Yes
25102	PERIOD_END_TIME_EARLIER_THAN_PERIOD_START_TIME	The end date and time of the reporting period (Z) shall not be earlier than the start date and time of the period.	dailyData/periodEndDateTime	Received periodEndDateTime < received periodStartDateTime. Note: The time change from summer to wintertime must be considered in the check.	Rejection error	Yes	Yes
25103	RECEIPT_QUANTITY_VALUE_INVALID	The value of the "receiptQuantity" element must be positive or zero.	dailyData/receiptQuantity	ReceiptQuantity < 0.	Rejection error	Yes	Yes
25104	OTHER_DOCUMENTS_QUANTITY_VALUE_INVALID	The value of the "otherDocumentsQuantity" element must be positive or equal to zero.	dailyData/otherDocumentsQuantity	The resulting otherDocumentsQuantity < 0.	Rejection error	Yes	Yes
25105	CANCELED_RECEIPTS_DOCUMENTS_QUANTITY_VALUE_INVALID	The value of the element "canceledReceiptsDocumentsQuantity" must be positive or equal to zero.	dailyData/canceledReceiptsDocumentsQuantity	Received canceledReceiptsDocumentsQuantity < 0.	Rejection error	Yes	Yes
25106	CANCELED_RECEIPTS_DOCUMENTS_AMOUNT_VALUE_INVALID	The value of the element "canceledReceiptsDocumentsAmount" must be positive or equal to zero.	dailyData/canceledReceiptsDocumentsAmount	Received canceledReceiptsDocumentsAmount < 0.	Rejection error	Yes	Yes
25107	GAS_STATION_VIOLATION_DOCUMENTS_QUANTITY_VALUE_INVALID	The value of the gasStationOperationViolationDocumentsQuantity element	dailyData/gasStationOperationViolationDocumentsQuantity	If gasStationOperationViolationDocumentsQuantity < 0.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		must be positive or equal to zero.					
25108	MISSING_LINK_TO_GASSTATIONOPERATIONVIOLATIONDOCUMENT	If the number of documents in the report (Z) for information receipts for breach of petrol station information lines is more than 0, the linkedDocumentNumbers/linkedDocumentNumber element shall also contain linked documents of the corresponding type. The quantity of the different linked documents shall correspond to the quantity specified in the gasStationOperationViolationDocumentsQuantity element.	dailyData/gasStationOperationViolationDocumentsQuantity	A gasStationOperationViolationDocumentsQuantity > 0 is received and no linkedDocumentNumbers/linkedDocumentNumber is received such that the type of the i.EKA document selected by both packageHeader/securityModuleRegistrationNo is: 41 (Non-Financial Breach of Information Transmission Voucher) (i.e. if the number of documents in the report (Z) for information receipts for breaches of petrol station information lines is greater than 0, then the corresponding type of the related documents shall also be indicated). Note: The resulting linkedDocumentNumber shall be checked against the documentNumber of the documents stored in i.EKA. The quantity of different linked documents shall correspond to the quantity of gasStationOperationViolationDocumentsQuantity	Rejection error	Yes	Yes
25200	INVALID_CASH_CURRENCY	Inappropriate currency for cash balances. Possible values according to ISO 4217.	cashBalanceDetails/cashCurrency, PICashDetailsBeforeOperation/cashCurrency, PICashOperationDetails/cashCurrency, PICashDetailsAfterOperation/cashCurrency	The resulting cashCurrency is not from the defined set of valid CURRENCY_CODE records.	Rejection error	Yes	Yes
25201	CASH_AMOUNT_VALUE_INVALID	The value of the "cashAmount" element must be positive or zero.	cashBalanceDetails/cashAmount	CashAmount < 0.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
25202	INSERTION_OPERATION_CASH_AMOUNT_VALUE_INVALID	Element „insertionOperationCashAmount“ value must be positive or equal to zero.	cashBalanceDetails/insertionOperationCashAmount	Received insertionOperationCashAmount < 0.	Rejection error	Yes	Yes
25203	INSERTION_OPERATION_CASH_QUANTITY_VALUE_INVALID	Element „insertionOperationCashQuantity“ value must be positive or equal to zero.	cashBalanceDetails/insertionOperationCashQuantity	GaReceived utas insertionOperationCashQuantity < 0.	Rejection error	Yes	Yes
25204	WITHDRAWAL_OPERATION_CASH_AMOUNT_VALUE_INVALID	Element „withdrawalOperationCashAmount“ value must be positive or equal to zero.	cashBalanceDetails/withdrawalOperationCashAmount	Received withdrawalOperationCashAmount < 0.	Rejection error	Yes	Yes
25205	WITHDRAWAL_OPERATION_CASH_QUANTITY_VALUE_INVALID	Element „withdrawalOperationCashQuantity“ value must be positive or equal to zero.	cashBalanceDetails/withdrawalOperationCashQuantity	Received withdrawalOperationCashQuantity < 0.	Rejection error	Yes	Yes
25300	GT_SALES_VALUE_MISMATCH	The value of the element 'GTSales' must be equal to the sum of the value of the element 'GTSales' of the previous report (Z) and the value of the element 'salesOperationData/totalSalesAmount' of the report (Z) to be provided.	counters/GTSales	i.EKA found former report (Z) (i.e. report (Z) is not the first CR report (Z)) and the resulting GTSales != GTSales of former report (Z) + the resulting totalSalesAmount (i.e. the global counter of the sales transactions of report (Z) must be equal to the sum of the global counter of the sales transactions of former report (Z) and the sales of current report (Z)).	Rejection error	Yes	Yes
25301	GT_SALES_TAX_AMOUNT_VALUE_MISMATCH	The value of the element 'GTSalesTaxAmount' must be equal to the sum of the value of the element 'GTSalesTaxAmount' of the previous report (Z) and the value of the element 'salesOperationData/totalSalesTaxAmount' of the report (Z) to be provided.	counters/GTSalesTaxAmount	i.EKA found former report (Z) (i.e. report (Z) is not the first CR report (Z)) and the resulting GTSalesTaxAmount != GTSalesTaxAmount of former report (Z) + the resulting totalSalesTaxAmount (i.e. the global counter of the amount of the sales transaction tax of report (Z) must be equal to the sum of the global counter of the amount of the sales transaction	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				tax of the former report (Z) and the sum of the sales transaction tax of current report (Z)).			
25302	GT_BUYING_VALUE_MISMATCH	The value of the element 'GTBuying' must be equal to: the value of the element 'GTBuying' of the previous report (Z) + the sum of all the lines 'collectionAmount' of the document 'otherCashCollectionOperations' of the received document, where 'collectionDirection' = OUT and 'collectionType' = 3.	counters/GTBuying	i.EKA has registered at least one report (Z) (i.e. report (Z) is not the first CR report (Z)) and received GTBuying != last registered report (Z) GTBuying + sum of all rows of received document otherCashCollectionOperations collectionAmount with collectionDirection = OUT and collectionType = 3 (Purchase) (i.e. the global counter of purchase operations of the report (Z) must be equal to the sum of the global counter of the purchase operations of the last registered report (Z) and the purchases of the current report (Z).	Rejection error	Yes	Yes
25400	LAST_TAX_CHANGE_TIME_LATER_THAN_DOCUMENT_TIME	The date and time of the last determination or modification of charges must be no later than the date and time of the document.	fiscalDayTaxData/lastTaxChangeDateTime	Received lastTaxChangeDateTime > documentHeader/documentDateTime. Note: The time change from summer to wintertime must also be taken into account when checking.	Rejection error	Yes	Yes
25401	MISSING_LINK_TO_NONFISCALTAXCHANGEDOCUMENT	If the tax applicable to the current and past statements (Z) do not match, the linkedDocumentNumbers/linkedDocumentNumber element must also contain the corresponding type of linked document.	fiscalDayTaxData/fiscalDayTaxTable	i.EKA found a former report (Z) (i.e. report (Z) is not the first CR report (Z)) and the fiscalDayTaxTable data obtained does not match the fiscalDayTaxTable data of the former report (Z) and does not result in a linkedDocumentNumbers/linkedDocumentNumber such that the packageHeader/securityModuleRegistrationNo is selected. The i.EKA document type would be: 34 (Non-fiscal tax change document) (i.e. if the taxes applied in the current and	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				former statements (Z) do not match, the non-fiscal tax change document must be specified). Note: The former report (Z) shall be selected from the documents saved in i.EKA by evaluating also the received packageHeader/securityModuleRegistrationNo (the document with the highest documentHeader/documentNumber, with the documentHeader/documentNumber < the received documentHeader/documentNumber, and the documentType = 1 (Report (Z)) shall be taken). The resulting linkedDocumentNumber shall be checked against the documentNumber of the documents stored in i.EKA.			
25500	MISSING_ADDITIONAL_DATA_DATA	One or more of the following elements must be present in the "additionalData" element: "specialGoodsSales", "preOrderDocuments", "technicalRefueling".	additionalData/specialGoodsSales	The received document does not contain specialGoodsSales, preOrderDocuments or technicalRefueling data.	Rejection error	Yes	Yes
25501	MISSING_LINK_TO_NONFISCALTECHNICALREFUELINGDOCUMENT	If the report (Z) contains technical refuelling, the linkedDocumentNumbers/linkedDocumentNumber element must also contain the related documents of the corresponding type. The number of different linked documents shall correspond to the number of "technicalRefueling" rows.	additionalData/technicalRefueling	TechnicalRefueling data is received and no linkedDocumentNumbers/linkedDocumentNumber is received, which would result in the document type of the i.EKA document selected in packageHeader/securityModuleRegistrationNo being: 35 (Non-fiscal technical refuelling voucher) (i.e. if technical refuelling is included in the report (Z), the related documents of the	Rejection error	Yes	Yes



Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
				corresponding type must be included). Note: The resulting linkedDocumentNumber is checked against the documentNumber of the documents stored in i.EKA. The number of different linked documents shall correspond to the number of technicalRefueling rows.			
25600	INVALID_GOODS_GROUP	Incorrect report (Z) for the commodity group. Possible values B1, B2, D1, D2, DZ, GD, LPG, KT, AG.	specialGoodsSales/goodsGroup	The resulting goodsGroup does not come from the defined set of valid SPECIAL_GOOD_GROUP records.	Rejection error	Yes	Yes
25601	MISSING_GOODS	"goods" element is not filled in. It is mandatory if the report (Z) contains the value of the commodity group B1, B2, D1, D2, DZ, GD, LPG, KT.	specialGoodsSales/goods	The goodsGroup group of the received goods relates to fuel and goods is not filled in (i.e., the field is mandatory for goods in fuel-related groups).	Rejection error	Yes	Yes
25602	MISSING_GOODS_TOTAL_SALES_QUANTITY	The element "goodsTotalSalesQuantity" is not filled in. It is required if the report (Z) specifies the value of the commodity group B1, B2, D1, D2, DZ, GD, LPG, KT.	specialGoodsSales/goodsTotalSalesQuantity	The goodsGroup group of the received goodsGroup is related to fuel and goodsTotalSalesQuantity is not filled in (i.e., the field is mandatory for goods in fuel-related groups).	Rejection error	Yes	Yes
25603	GOODS_TOTAL_SALES_QUANTITY_VALUE_INVALID	The value of the element "goodsTotalSalesQuantity" must be positive or equal to zero.	specialGoodsSales/goodsTotalSalesQuantity	The resulting goodsTotalSalesQuantity < 0.	Rejection error	Yes	Yes
25604	GOODS_TOTAL_SALES_AMOUNT_VALUE_INVALID	The value of the element "goodsTotalSalesAmount" must be positive or equal to zero.	specialGoodsSales/goodsTotalSalesAmount	The resulting goodsTotalSalesAmount < 0.	Rejection error	Yes	Yes
25700	PRE_ORDER_TOTAL_QUANTITY_VALUE_INVALID1	The value of the preOrderTotalQuantity element must be positive or zero.	preOrderDocuments/preOrderTotalQuantity	The resulting preOrderTotalQuantity < 0.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
25701	PRE_ORDER_TOTAL_QUANTITY_VALUE_INVALID2	The value of the element "preOrderTotalQuantity" must not be less than the sum of the elements "preOrderTransfToAccomodInvQuantity", "preOrderTotalUnpaidQuantity"	preOrderDocuments/preOrderTotalQuantity	Received preOrderTotalQuantity < Received preOrderTransfToAccomodInvQuantity + Received preOrderTotalUnpaidQuantity	Rejection error	Yes	Yes
25702	PRE_ORDER_TRANSF_TO_ACCOMOD_INV_QUANTITY_VALUE_INVALID	The value of the element "preOrderTransfToAccomodInvQuantity" must be positive or equal to zero.	preOrderDocuments/preOrderTransfToAccomodInvQuantity	The resulting preOrderTransfToAccomodInvQuantity < 0.	Rejection error	Yes	Yes
25703	MISSING_LINK_TO_PREORDERDOCUMENT2	If the number of carried forward accounts in report (Z) is greater than 0, the linkedDocumentNumbers/linkedDocumentNumber element shall also contain linked documents of the relevant type. The quantity of different linked documents shall be equal to the sum of the elements 'preOrderTransfToAccomodInvQuantity', 'preOrderTotalUnpaidQuantity'.	preOrderDocuments/preOrderTransfToAccomodInvQuantity	The resulting preOrderTransfToAccomodInvQ preOrderTransfToAccomodInvQuantity > 0 is received and no linkedDocumentNumbers/linkedDocumentNumber is received such that the type of the i.EKA document selected in the packageHeader/securityModuleRegistrationNo is also: 36 (Advance bill) (i.e., if the number of transferred Advance Bills in report (Z) is greater than 0, then the corresponding type of linked documents shall be specified). Note: The resulting linkedDocumentNumber is checked against the documentNumber of the documents stored in i.EKA. The number of different linked documents must be the same as the number of received preOrderTransfToAccomodInvQuantity + preOrderTotalUnpaidQuantity.	Rejection error	Yes	Yes
25704	PRE_ORDER_TOTAL_UNPAID_QUANTITY_VALUE_INVALID	The value of the element preOrderTotalUnpaidQuantity	preOrderDocuments/preOrderTotalUnpaidQuantity	Received preOrderTotalUnpaidQuantity < 0.	Rejection error	Yes	Yes



Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
		must be positive or equal to zero.					
25705	MISSING_LINK_TO_PREORDERDOCUMENT3	If the number of outstanding advances in report (Z) is greater than 0, then the linkedDocumentNumbers/linkedDocumentNumber element shall also contain the corresponding type of linked documents. The quantity of the different linked documents shall be the sum of the elements 'preOrderTransfToAccomodInvQuantity',	preOrderDocuments/preOrderTotalUnpaidQuantity	A preOrderTotalUnpaidQuantity > 0 is received and no linkedDocumentNumbers/linkedDocumentNumber is received such that the document type of the i.EKA document selected in the packageHeader/securityModuleRegistrationNo is also: 36 (Advance bill) (i.e., if the number of unpaid advances in report (Z) is greater than 0, then the corresponding type of linked document shall be included in the report (Z)). Note: The resulting linkedDocumentNumber is checked against the documentNumber of the documents stored in i.EKA. The number of different linked documents must be the same as the number of received preOrderTransfToAccomodInvQuantity + preOrderTotalUnpaidQuantity.	Rejection error	Yes	Yes
25706	PRE_ORDER_TOTAL_AMOUNT_VALUE_INVALID1	The value of the preOrderTotalAmount element must be positive or zero.	preOrderDocuments/preOrderTotalAmount	The resulting preOrderTotalAmount < 0.	Rejection error	Yes	Yes
25707	PRE_ORDER_TOTAL_AMOUNT_VALUE_INVALID2	The value of the element "preOrderTotalAmount" must not be less than the sum of the elements "preOrderTransfToAccomodInvAmount", "preOrderTotalUnpaidAmount".	preOrderDocuments/preOrderTotalAmount	Received preOrderTotalAmount < Received preOrderTransfToAccomodInvAmount + Received preOrderTotalUnpaidAmount.	Rejection error	Yes	Yes

Error code	System code	Error text	Element to be inspected	Conditions under which an error is returned	Severity	Is it possible to change the error settings?	
25708	PRE_ORDER_TRANSF_TO_ACCOMOD_INV_AMO UNT_VALUE_INVALID	The value of the element "preOrderTransfToAccomodInvAmount" must be positive or equal to zero.	preOrderDocuments/preOrderTransfToAccomod InvAmount	Received preOrderTransfToAccomodInvAmount < 0.	Rejection error	Yes	Yes
25709	PRE_ORDER_TOTAL_UNPAID_AMOUNT_VALUE_ INVALID	The value of the preOrderTotalUnpaidAmount element must be positive or zero.	preOrderDocuments/preOrderTotalUnpaidAmou nt	The resulting preOrderTotalUnpaidAmount < 0.	Rejection error	Yes	Yes
25800	INVALID_FUEL_TYPE1	Wrong fuel group. Possible values B1, B2, D1, D2, DZ, GD, LPG, KT.	technicalRefueling/fuelType, nonFiscalTechnicalRefueling/fuelType	The resulting fuelType is not from the defined set of valid SPECIAL_GOOD_GROUP records.	Rejection error	Yes	Yes
25801	INVALID_FUEL_TYPE2	The fuelType group of the resulting element is not related to fuel. Possible values B1, B2, D1, D2, DZ, GD, LPG, KT.	technicalRefueling/fuelType, nonFiscalTechnicalRefueling/fuelType	The fuelType group of the resulting fuelType is not related to fuel.	Rejection error	Yes	Yes
25802	FUEL_QUANTITY_VALUE_INVALID	The value of the fuelQuantity element must be positive.	technicalRefueling/fuelQuantity, nonFiscalTechnicalRefueling/fuelQuantity	The resulting fuelQuantity <= 0.	Rejection error	Yes	Yes
27000	INITIAL_CASH_AMOUNT_VALUE_INVALID	The value of the element "initialCashAmount" must be positive or equal to zero.	PICashDetailsBeforeOperation/initialCashAmoun t	The resulting initialCashAmount < 0.	Rejection error	Yes	Yes
27100	OPERATION_CASH_AMOUNT_VALUE_INVALID	The value of the "operationCashAmount" element must be positive.	PICashOperationDetails/operationCashAmount	The resulting operationCashAmount <= 0.	Rejection error	Yes	Yes
27200	FINAL_CASH_AMOUNT_VALUE_INVALID	The value of the "finalCashAmount" element must be positive or equal to zero.	PICashDetailsAfterOperation/finalCashAmount	The resulting finalCashAmount < 0.	Rejection error	Yes	Yes
27300	CANCELED_AMOUNT_VALUE_INVALID	The value of the element "canceledAmount" must be positive or equal to zero.	nonFiscalCancelationDocument/canceledAmount	The resulting canceledAmount < 0.	Rejection error	Yes	Yes
27400	PRE_SALE_AMOUNT_VALUE_INVALID	The value of the "preSaleAmount" element must be positive.	preOrderDocument/preSaleAmount	The resulting preSaleAmount <= 0.	Rejection error	Yes	Yes

11 WS TLS 1.2 AND 1.3 USAGE AND ALGORITHMS

Use the WAF Fortiweb manufacturer's algorithm suites (SSL cipher group) "Mozilla-Intermediate". Specified in the Fortiweb documentation:
<https://docs.fortinet.com/document/fortiweb/7.0.3/administration-guide/742465/supported-cipher-suites-protocol-versions>.

Use "Mozilla-Intermediate" TLS cipher suites: https://wiki.mozilla.org/Security/Server_Side_TLS. Recommended vulnerability scanning tools:
<https://www.tenable.com/plugins/nessus/156899>.

Use the following sets of algorithms (TLS cipher suites), which form "Mozilla-Intermediate" group of sets of algorithms:

TLSv1.3:

- 0x13,0x01 TLS_AES_128_GCM_SHA256
- 0x13,0x02 TLS_AES_256_GCM_SHA384
- 0x13,0x03 TLS_CHACHA20_POLY1305_SHA256

TLSv1.2:

- 0xC0,0x2B ECDHE-ECDSA-AES128-GCM-SHA256
- 0xC0,0x2F ECDHE-RSA-AES128-GCM-SHA256
- 0xC0,0x2C ECDHE-ECDSA-AES256-GCM-SHA384
- 0xC0,0x30 ECDHE-RSA-AES256-GCM-SHA384
- 0xCC,0xA9 ECDHE-ECDSA-CHACHA20-POLY1305
- 0xCC,0xA8 ECDHE-RSA-CHACHA20-POLY1305
- 0x00,0x9E DHE-RSA-AES128-GCM-SHA256
- 0x00,0x9F DHE-RSA-AES256-GCM-SHA384

Meanwhile, algorithm suites with "CBC" in their name should not be used due to their vulnerabilities.

And if in the future these sets of algorithms of the Mozilla-Intermediate group are not enough - there is a need to expand the list of used sets of algorithms, then it can be expanded with sets of algorithms that are indicated as recommended in the list provided by the IANA (organization that sets various standards related to Internet technologies):

<https://www.iana.org/assignments/tls-parameters/tls-parameters.xhtml#tls-parameters-4> .

Šiuo metu IANA sąrašė pažymėti kaip rekomenduojami tokie algoritmų rinkiniai:

0xD0,0x05	TLS_ECDHE_PSK_WITH_AES_128_CCM_SHA256
0xD0,0x02	TLS_ECDHE_PSK_WITH_AES_256_GCM_SHA384
0xD0,0x01	TLS_ECDHE_PSK_WITH_AES_128_GCM_SHA256
0xCC,0xAD	TLS_DHE_PSK_WITH_CHACHA20_POLY1305_SHA256
0xCC,0xAC	TLS_ECDHE_PSK_WITH_CHACHA20_POLY1305_SHA256
0xCC,0xAA	TLS_DHE_RSA_WITH_CHACHA20_POLY1305_SHA256
0xCC,0xA9	TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256
0xCC,0xA8	TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256
0xC0,0xA7	TLS_DHE_PSK_WITH_AES_256_CCM
0xC0,0xA6	TLS_DHE_PSK_WITH_AES_128_CCM
0xC0,0x9F	TLS_DHE_RSA_WITH_AES_256_CCM
0xC0,0x9E	TLS_DHE_RSA_WITH_AES_128_CCM
0xC0,0x30	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384
0xC0,0x2F	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256
0xC0,0x2C	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384
0xC0,0x2B	TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256
0x13,0x04	TLS_AES_128_CCM_SHA256
0x13,0x03	TLS_CHACHA20_POLY1305_SHA256
0x13,0x02	TLS_AES_256_GCM_SHA384
0x13,0x01	TLS_AES_128_GCM_SHA256



0x00,0xAB TLS_DHE_PSK_WITH_AES_256_GCM_SHA384

0x00,0xAA TLS_DHE_PSK_WITH_AES_128_GCM_SHA256

0x00,0x9F TLS_DHE_RSA_WITH_AES_256_GCM_SHA384

0x00,0x9E TLS_DHE_RSA_WITH_AES_128_GCM_SHA256

Should be turned off property "Client-Initiated SSL Renegotiation", because this feature makes it possible to perform certain types of attacks against the server by disrupting its operation ("Disable Client-Initiated SSL Renegotiation"): https://docs.fortinet.com/document/fortiweb/7.0.3/administration-guide/201872/configuring-a-server-policy#policy_3917528417_1414355.
