Níže uvedená anglická verze textu slouží jen pro základní orientaci v problematice. Vždy je nutné vycházet z oficiálního textu v českém jazyce.

The below English version of the text shall only be used for a basic understanding of the subject matter. The official text in the Czech language is the only binding text.

Elektronická evidence tržeb
Electronic Registration of Sales

Non-production environment (playground)
Access and operational information

Version 3.1

Date of last Czech version: 10.10.2016

Document content

This document provides additional information of operational character to information published in the document "Format and structure of registered sale information". The document contains information necessary for the use of non-production environment (playground) of EET, information about certificates used and other important operational information.

DOCUMENT HISTORY

Overview of versions

Version	Date	Description
1.0	13.6.2016	The first published version
2.0		Skipped to match version of corresponding document „Format and structure of registered sale information …"
3.0	15.8.2016	Adjustments relevant for version 3.0 interface
3.1	10.10.2016	Adjustments relevant for version 3.1 interface

Changes in version 3.0 against published version 1.0)*

Change	Description	Chapter
1	Changed the URL, the information about implemented versions and added the description of parallel version support	2.1, 2.2
2	Clarified rules for validation of the signing certificate	3.3

)* Table doesn't include minor formal text changes.

Changes in version 3.1 against published version 3.0)*

Change	Description	Chapter
1	Changed the information about the implemented version	2.2
2	Information valid for all environments moved to the document "Format and structure of registered sale information …"	2.2, 2.4
3	Added information about certificate authority EET CA1 Playground	3.2

)* Table doesn't include minor formal text changes.

Table of contents

1 INTRODUCTION

1.1 RELATION TO THE DOCUMENT "FORMAT AND STRUCTURE OF REGISTERED SALE INFORMATION AND DESCRIPTION OF THE DATA INTERFACE FOR RECEIPT OF REGISTERED SALE DATA MESSAGES"

This document provides additional information of operational character to information published in the document "Format and structure of registered sale information and description of the data interface for receipt of registered sale data messages". Abbreviations and terminology defined in the document "Format and structure of registered sale information and description of the data interface for receipt of registered sale data messages" is used throughout this document. Additional abbreviation and terminology are defined in this chapter.

The document always relates to the current version of the document "Format and structure of registered sale information and description of the data interface for receipt of registered sale data messages". At the moment of publication of this version the current version of the document "Format and structure of registered sale information and description of the data interface for receipt of registered sale data messages" is 3.0.

Non-production environment (playground) will be used solely by software developers (developing software for cash registers), not by cash registers' end users. Sending a data message to the non-production environment shall not be considered sending of registered sale information as per Section 18 of the Act on Registration of Sales, i.e. the FIK returned by the non-production environment is not a valid FIK.

1.2 ABBREVIATIONS

This chapter contains the definition of additional abbreviations used in this document.

Abbreviation	Definition
PG	Non-production environment (playground)
CA	Certificate authority

1.3 TERMINOLOGY

This chapter contains the definition of additional terminology used in this document.

Term	Definition
Taxpayer	Subject of law according to ZoET

2 PG ACCESS INFORMATION

2.1 URL

PG is accessible at the URL **https://pg.eet.cz:443/eet/services/EETServiceSOAP/v3**, resp. at the URL corresponding to the current version of the data interface.

IP address corresponding to the DNS name pg.eet.cz can change during PG operation, use of IP address to access PG is not recommended.

2.2 VERSION OF THE DATA INTERFACE IMPLEMENTED

The version of the data interface implemented at the moment of publication of this document is the version 3.1. This version is a compatible change to the previous version 3.0. The change doesn't require recompilation and reinstallation of client software. Recompilation and reinstallation is needed only in the case of interest in new functions.

Information about installation and time validity of new versions will always be published on www.etrzby.cz.

Parallel operation of the current version and the previous version of the interface is supported in the Playground environment, but unused for the version 3.1**.** Version 3.1 replaces the previous version at URL https://pg.eet.cz:443/eet/services/EETServiceSOAP/v3. There are no changes to XML namespace identifier either.

2.3 TAXPAYER'S CERTIFICATES AND TEST DIČ

A set of test certificates is prepared and published with this document for the use during development tests. Each certificate contains a pre-configured DIČ value, appointed by GFŘ for use at PG.

Test certificates are shared among all testing subjects.

The description of test certificates and their attributes is in the next chapter.

3 CERTIFICATES

3.1 TAXPAYER'S CERTIFICATES – CA PG

3.1.1 Certificate authority (CA PG)

A dedicated off-line certificate authority was created at the time of PG start-up for the use during development tests on PG. The security level of this certificate authority corresponds to the character of development testing activities. Certificates and corresponding key pairs for development testing are generated off-line, exported and published in PKCS#12 files (PFX format).

CA PG certificates and CRL are published in the attached file CA_PG_v.1.zip

Use of CA PG is temporary until end of year 2016. Starting from version 3.1 interface there will be a new long-term certificate authority EET CA1 Playground (see chapter 3.2) available in parallel.

3.1.2 CA PG root certificate

```
O = Generální finanční ředitelství
CN = GFR EET test CA 1
C = CZ
```

Certificate is published in the text format PEM, file ca.cer.pem, and in the binary format DER, file ca.cer.

3.1.3 CA PG CRL

CA PG CRL is published in the binary DER format at the URL http://www.etrzby.cz/assets/cs/prilohy/ca.crl.

Additionally the CRL is included in the attached file CA_PG_v.1.zip in DER and PEM formats.

CA PG certificates don't contain CRL Distribution Point attribute.

3.1.4 Taxpayer's certificate – natural person with RČ, DIČ CZ1212121218

```
SERIALNUMBER = T0000000003
O = Osoba Fyzická
CN = CZ1212121218
C = CZ
```

The certificate and the private key are published in the PKCS#12/PFX format, password 'eet', file 01000003.p12

3.1.5 Taxpayer's certificate – legal entity with IČ, DIČ CZ00000019

```
SERIALNUMBER = T0000000004
O = Právnická osoba
CN = CZ00000019
C = CZ
```

The certificate and the private key are published in the PKCS#12/PFX format, password 'eet', file 01000004.p12

3.1.6 Taxpayer's certificate – taxpayer with VČP, DIČ CZ683555118

```
SERIALNUMBER = T0000000005
O = Číslo Plátce
```

```
CN = CZ683555118
C = CZ
```

The certificate and the private key are published in the PKCS#12/PFX format, password 'eet', file 01000005.p12

3.2 TAXPAYER'S CERTIFICATES – EET CA1 PLAYGROUND

3.2.1 Certificate authority (EET CA1 Playground)

Starting from version 3.1 interface there will be a new long-term certificate authority "EET CA1 Playground" available in parallel. EET CA1 Playground certificates are issued by a special instance of the certificate authority issuing production EET certificates. This ensures maximum possible level of compatibility of structure and content of certificates with the production environment.

Certificates and corresponding key pairs for development testing are generated off-line, exported and published in PKCS#12 files (PFX format). EET CA1 Playground certificates for common use are published in the attached file EET_CA1_Playground_v1.zip.

3.2.2 EET CA1 Playground root certificate

```
CN = EET CA 1 Playground
O = Česká Republika – Generální finanční ředitelství
DC = CZ
```

Certificate is published in the binary format DER, file EET_CA1_Playground-ca.crt

3.2.3 EET CA1 Playground CRL

CRL EET_CA1_Playground is published in DER format at distribution points listed in certificate attribute CRL Distribution Point:
- http://crl.ca1-pg.eet.cz/eetca1pg/all.crl
- http://crl2.ca1-pg.eet.cz/eetca1pg/all.crl
- http://crl3.ca1-pg.eet.cz/eetca1pg/all.crl

3.2.4 Taxpayer's certificate – natural person with RČ, DIČ CZ1212121218

```
Description = fyzicka osoba
CN = CZ1212121218
DC = CZ
```

The certificate and the private key are published in the PKCS#12/PFX format, password 'eet', file EET_CA1_Playground-CZ1212121218.p12.

3.2.5 Taxpayer's certificate – legal entity with IČ, DIČ CZ00000019

```
Description = pravnicka osoba
CN = CZ00000019
DC = CZ
```

The certificate and the private key are published in the PKCS#12/PFX format, password 'eet', file EET_CA1_Playground-CZ00000019.p12.

3.2.6 Taxpayer's certificate – taxpayer with VČP, DIČ CZ683555118

```
Description = cislo platce
CN = CZ683555118
```

```
DC = CZ
```

The certificate and the private key are published in the PKCS#12/PFX format, password 'eet', file EET_CA1_Playground-CZ683555118.p12.

3.3 SSL CERTIFICATE

The SSL certificate from GeoTrust (https://www.geotrust.com) is used to secure HTTPS connections. SSL certificate type EV (extended validation) is used.

GeoTrust certificate will also be used in the production environment.

3.4 SIGNING CERTIFICATE

A qualified system certificate from I.CA (www.ica.cz) is used for signing acknowledgement data messages. The qualified system certificate I.CA in use has the following attribute

O = Česká republika - Generální finanční ředitelství

Qualified system certificates from I.CA will also be used as production signing certificates.

Note: Signing certificates on PG and production environments can change at any time, but they will always be valid qualified system certificates issued by I.CA with O = Česká republika - Generální finanční ředitelství.

4 OPERATIONAL PARAMETERS

4.1 SERVICE TIME

PG service time is 7x24. Due to the test environment character of PG, high availability is not guaranteed. Planned outages are planned outside of working hours. Planned outages are not announced in advance.

4.2 SUPPORT

PG operation support is provided through the contact form at www.etrzby.cz.