

*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 1.0

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#### **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.

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## 1 INTRODUCTION

### 1.1 RELATION TO THE DOCUMENT “FORMAT AND STRUCTURE OF REGISTERED SALE INFORMATION”

This document provides additional information of operational character to information published in the document “Format and structure of registered sale information”. Abbreviations and terminology defined in the document “Format and structure of registered sale information” 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”. At the moment of publication of this version the current version of the document “Format and structure of registered sale information” is 2.0.

**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/v2>, 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 2.0.

Data interface version will be numbered by two numbers: major (first) and minor (second), i.e. 2.0, 2.1, 2.2 etc. Change of the major number means the change of data message structure (including change of formats of data items).

1. In case of small changes without impact to taxpayer's cash register implementation we will only change the minor number of the version: 1.0 -> 1.1 -> 1.2 -> ... etc. XML schema and WSDL document versions in their headers will correspondently change from 1.0 to 1.1, 1.2, etc.  
Namespace URLs, service URL etc. are not changed inside the XML schema and WSDL document - /v1 remains at the end.
2. In case of changes of the data message structure, requiring change to taxpayer's cash register implementation, we will change the major number of the version: 2.0 and following minor changes (see 1.) again: 2.1, 2.2, etc.  
Namespace URLs, service URL etc. will change inside the XML schema and WSDL document - into /v2 at the end.

### **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 GŘR 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.

### **2.4 TLS**

TLS versions supported are TLS 1.1 and higher, TLS 1.2 is the recommended version.

## 3 CERTIFICATES

### 3.1 TAXPAYER'S CERTIFICATES

#### 3.1.1 Certificate authority (CA PG)

A dedicated off-line certificate authority was created 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

#### 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 CZ12121218

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 = Právnícká 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 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.

### **3.3 SIGNING CERTIFICATE**

A qualified system certificate from I.CA ([www.ica.cz](http://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

The qualified system certificate from I.CA will also be used for production certificate.

## **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](http://www.etrzby.cz).