

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

Production environment

Access and operational information

Version 3.1 (corresponding to the version of the data interface)

Date of the last Czech version: 1.11.2016

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 production environment of EET, information about certificates used and other important operational information.

DOCUMENT HISTORY

Overview of versions

Version	Date	Description
3.1	1.11.2016	The first published version of the document. Document version number corresponds to the version of the data interface. Previous versions of the data interface were available only on the non-production (playground) environment.

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1 INTRODUCTION

1.1 RELATION TO THE DOCUMENT “FORMAT AND STRUCTURE ...”

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 3.1.1.

Production environment is intended for the EET taxpayers and will be used for routine operations, i.e. receipt and acknowledgement of data messages containing information on registered sales.

Information about non-production environment (playground), which will be used solely by software developers (developing software for cash registers), is available in a separate document.

1.2 ABBREVIATIONS

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

Abbreviation	Definition
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 PRODUCTION ENVIRONMENT ACCESS INFORMATION

2.1 URL AND DNS NAME

The production environment is accessible at the URL

<https://prod.eet.cz:443/eet/services/EETServiceSOAP/v3>,

resp. at the URL corresponding to the current version of the data interface.

Production environment high availability mechanisms include DNS balancing. DNS record prod.eet.cz returns several IP addresses depending on current availability of parts of the system. Cash register implementations must use the DNS name and respect the TTL of prod.eet.cz DNS records. Cash registers must resolve the DNS record of prod.eet.cz with every new connection.

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 corresponds to the version running on the non-production environment (playground).

The 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 production environment, but unused for the version 3.1.

2.3 PILOT MODE OPERATION

During November 2016 the production environment will operate in the pilot mode. The main purpose of the pilot mode is to server taxpayers for testing their cash register software and effects of EET to sale and accounting processes. Pilot mode operation runs for 1 month before the effect of the law, in the full extent of EET functionality (with the exception of the Tax portal function, allowing to report non-issuance of a receipt, which will be available on 1.12.2016). Pilot mode operation runs on the production environment, using production certificates of taxpayers (available from 1.9.2016 through the EET web application on Tax portal).

During pilot mode operation some level of functional and performance tuning of EET central system may occur. This will not, however, influent the functionality of the data interface for receipt of registered sale data messages or configuration of cash registers.

Data messages sent during the pilot mode operation are not considered registered sales according to §18 of ZoET, including data messages sent in the “operational mode”. The data will, however, be included in yearly aggregates available In the EET web application.

With the effect of the ZoET law taxpayers will continue using the same production environment ad in the pilot operation mode.

3 PRODUCTION ENVIRONMENT CERTIFICATES

3.1 TAXPAYER'S CERTIFICATES – EET CA 1

Certificates of the production EET certification authority (CA EET) are used on the production environment. CA EET web interface is available through the EET web application on the Tax portal since 1.9.2016.

Every taxpayer can request one or more production certificates, according to the ZoET law. Decisions on number of certificates used and assignment of certificates to cash registers is in the responsibility of the taxpayer and depends on taxpayer operational and security processes, as well as on capabilities of his cash register SW.

CA EET root certificate and CRL are available through the CA EET web interface. CRL is also available at the CRL distribution points listed in the certificate attribute CRL Distribution Point:

- <http://crl.ca1.eet.cz/eetca1/all.crl>
- <http://crl2.ca1.eet.cz/eetca1/all.crl>
- <http://crl3.ca1.eet.cz/eetca1/all.crl>

Technical name of CA EET, used to identify CA EET in the certificates, is “EET CA 1”.

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) for the domain prod.eet.cz is used.

Specific SSL certificate of the production environment may change, but it will keep the same security attributes (CA GeoTrust, type EV, domain prod.eet.cz). To ensure the maximum level of registered sale data protection it is recommended to check these attributes of the SSL certificate when starting a new connection.

3.3 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

Signing certificate on the production environment may change, but it will keep the same security attributes (valid qualified system certificate issued by I.CA with O = Česká republika - Generální finanční ředitelství). To ensure the maximum level of registered sale data protection it is recommended to check these attributes of the signing certificate when processing the response.

4 PRODUCTION ENVIRONMENT OPERATIONAL PARAMETERS

4.1 SERVICE TIME

Production environment service time is 7x24.

High availability of the production environment is ensured using DNS balancing mechanisms.

4.2 SUPPORT

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