CEF eSignature ETSI Trusted List Conformance Checker

Version 0.04

Service Offering Description

Document Status:

Status
[Draft/Approved/Final]

Document Approver(s):

Name	Role

Document Reviewer(s):

Name	Role
CEF PAO	Reviewer

Summary of Changes:

Version	Date	Created by	Short Description of Changes
0.01	24/07/2017	Olivier Barette	Creation
0.02	26/07/2017	Olivier Barette	Update after general review from CEF PAO
0.03	02/08/2017	Michaël de Boer	Minor update
0.04	03/08/2017	Olivier Barette	Update of CEF PAO review

Table of Contents

APPROACH AND PURPOSE OF THE DOCUMENT

The present document is the Service Offering Description (SOD) of the Connecting Europe Facility's (CEF) eSignature building block's ETSI Trusted List Conformance Checker service. Key content includes an explanation of the roles and responsibilities and the process description of the eSignature ETSI Trusted List Conformance Checker service.

This document is intended for Trusted List Scheme Operators (TLSO).

Glossary

The key terms used in this Service Offering Description are defined in the CEF Definitions section on the CEF Digital Single Web Portal:

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/CEF+Definitions

The key acronyms used in this Service Offering Description are defined in the CEF Glossary on the CEF Digital Single Web Portal:

https://ec.europa.eu/cefdigital/wiki/pages/viewpage.action?spaceKey=CEFDIGITAL&title=CEF+Glossary

1. INTRODUCTION

CEF eSignature helps public administrations and businesses to accelerate the creation and verification of electronic signatures (e-signatures). The deployment of solutions based on this building block in a Member State facilitates the mutual recognition and cross-border interoperability of e-signatures, so that their legal value can be recognised in countries other than the country of origin of the signer.

1.1. Purpose of the service

TLCC (Trusted List Conformance Checker) is a conformance checker tool available for verifying a trusted list against the trusted list standard ETSI TS 119 612.

ETSI's TLCC is available at http://tsl-portal.etsi.org/pub/index.shtml

More information on TLCC can be found on the CEF portal at https://ec.europa.eu/information_society/policy/esignature/trusted-list/tl-mp.xml

A list of key terminology related to the CEF eSignature ETSI Trusted List Conformance Checker is defined in the table below.

Terminology	Definition
TLCC	Trusted list conformance checker
TLSO	Trusted list scheme operator
TL	Trusted list
LOTL	List of the trusted lists
LOTLSO	List of the trusted lists scheme operator
TLM	TL-Manager
MS	Member state

Table 1 - CEF eSignature ETSI Trusted List Conformance Checker Key Terminology

1.2. Users

The CEF eSignature ETSI Trusted List Conformance Checker service is intended for the following type of users:

- TLSOs – TLSOs are able to verify their national trusted list either with TL-Manager, or directly with TLCC.

1.3. Scope

The scope of the Trusted List Conformance Checker is to support Member States in the performance of the tasks specified in Article 22 of the eIDAS Regulation (910/2014).

More information on the legal framework can be found on the CEF portal at:
https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/What+is+the+legislation+-+eSignature

1.4. Benefits

CEF eSignature's ETSI Trusted List Conformance Checker delivers the following benefits to its users:

- **Ease of use**: the Trusted List Conformance Checker is a ready-to-use web application, where you can upload a trusted list for verification, and download results in return. For an improved ease-of-use, TL-Manager integrates ETSI's conformance checker library and is able to trigger conformity checks on any trusted list.

- **Conformity to the standard:** the Trusted List Conformance Checker is developed by ETSI, so that it is insured that the Trusted List ETSI standard and the Trusted List Conformance Checker are aligned, and that the latter is correctly checking conformance against the standard.

2. ROLES AND RESPONSIBILITIES

This section describes the main roles in the CEF eSignature building block's ETSI Trusted List Conformance Checker service and their responsibilities.

The following table summarises the split of roles and responsibilities between the different actors in the CEF eSignature ETSI Trusted List Conformance Checker process in the form of a RACI matrix where:

- **Responsible (R):** indicates the entities that perform the process-step. Every process-step has at least one responsible entity. Responsibilities can also be shared.

- **Accountable (A):** indicates the entity that is ultimately accountable for the process-step. Every process-step has only one accountable entity.

- **Consulted (C):** indicates the entities that give feedback or are consulted during the process-step. This is a two-way process. Not every process-step has an entity that is being consulted.

- **Informed (I):** indicates the entities that needs to be informed on the results of the process-step. This is a one-way process. Not every process-step has an entity that is being informed.

The process is described in detail in Section 3.

Process/Service	Responsible Entity		
	ETSI	**CEF eSignature**	**TLSO**
Hosting	R / A		I
Maintenance	R / A	R / A	I
Support		R / A	
Registration	R / A	R	R
Integration of TLCC in TL-Manager		R / A	
Verification of a trusted list			R / A

Table 2 – CEF eSignature ETSI Trusted List Conformance Checker Roles and Responsibilities

2.1. ETSI

Role: Host and maintain TLCC. Register new users.

Responsibilities:

- Host the tool.

- Maintain the tool.

- Register new users.

2.2. CEF eSignature

Role: Integrate TLCC. Participate in maintenance and support.

Responsibilities:

- Participate in the maintenance of the tool.

- Provide support and explanations on how to use the tool.

- Integration of the TLCC in the TL-Manager

2.3. TLSO

Role: Check trusted list of its country, using the TLCC directly or from within the TL-Manager tool.

Responsibilities:

- Submit a trusted list for testing.

- Implement corrections in trusted list after testing.

3. How to use the service step by step

This section describes the processes that are part of the CEF eSignature ETSI Trusted List Conformance Checker service.

3.1. Step 0: Set-up

Purpose: Grant access for TLCC to the TLSO.

Actors:

- TLSO.

- CEF eSignature team and/or ETSI.

Process:

1. Access can be asked directly to ETSI via http://tsl-portal.etsi.org/pub/registration.shtml or via CEF eSignature by sending an email to EC-TL-Service@ec.europa.eu (Access is restricted to TLSOs).

3.2. Step 1: Using TLCC

Purpose: Check the conformance of a trusted list.

Actors:

- TLSO.

Process:

1. Connect to ETSI TLCC on http://tsl-portal.etsi.org/pub/index.shtml.

2. Upload a trusted list.

3. Check conformance problems and apply corrections to the trusted list.

Alternatively, use the TLCC feature from within TL-Manager, on a draft trusted list.

4. TERMS AND CONDITIONS

The general terms and conditions of CEF Building Blocks can be consulted in the Master Service Arrangement, available on the CEF Digital Single Web Portal:

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Operations

5. ANNEX

Not applicable

6. CONTACT INFORMATION

CEF eSignature Support Team

By email: **EC-TL-Service@ec.europa.eu**

On Jira: **https://ec.europa.eu/cefdigital/tracker/projects/TLM/summary**

More information is available on:
https://ec.europa.eu/cefdigital/wiki/display/TLSO/TLSO+Community