EUROPEAN COMMISSION

DIGIT
Connecting Europe Facility

# CEF eSignature List Of Trusted Lists

Version 0.04

# Service Offering Description

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| 0.04 | 20/09/2017 | Olivier Barette | Minor changes (typos) |

# 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 List Of Trusted Lists service. Key content includes an explanation of the roles and responsibilities and the process description of the eSignature List Of Trusted Lists service.

This document is intended for anyone interested in the EU Trust Scheme as defined in the eIDAS Regulation (910/2014), and in particular e-signature implementers interested in handling qualified e-signatures.

# 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

As stated in Article 22(4) of the eIDAS Regulation (910/2014) and in Article 4(3,4) of the Commission Implementing Decision 2015/1505/EU, the European Commission makes available the information notified by the Member States. This information is available in an XML document called the List Of Trusted Lists (LOTL).

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

More information on the information notified by the Member States and referred here above can be found in Annex II of Commission Implementing Decision 2015/1505/EU.

A list of key terminology related to the CEF eSignature List Of Trusted Lists is defined in the table below.

| Terminology | Definition |
| --- | --- |
| QES | Qualified e-signature |
| 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 List Of Trusted Lists Key Terminology*

## 1.2. Users

The CEF eSignature List Of Trusted Lists service is intended for the following type of users:

- Anyone interested in the EU Trust Scheme as defined in the eIDAS Regulation (910/2014), and in particular e-signature implementers interested in handling qualified e-signatures.

## 1.3. Scope

The scope is defined by Article 22(4) of the eIDAS Regulation (910/2014) and Article 4(3,4) of the Commission Implementing Decision 2015/1505/EU.

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

The CEF eSignature List Of Trusted Lists delivers the following benefit to its users:

- Provide a reliable cornerstone to securely access all EU trusted lists.

# 2. ROLES AND RESPONSIBILITIES

This section describes the main roles in the CEF eSignature List Of Trusted Lists service and their responsibilities.

The following table summarises the split of roles and responsibilities between the different actors in the CEF eSignature List Of Trusted Lists 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 | |
|---|---|---|
| | **CEF eSignature** | **Any user** |
| **Hosting of the LOTL** | R / A | I |
| **Maintenance of the LOTL** | R / A | I |
| **Usage of the LOTL** | | R / A |

*Table 2 – CEF eSignature List Of Trusted Lists Roles and Responsibilities*

## 2.1. CEF eSignature

**Role:** Maintain and host the LOTL

**Responsibilities:**

- Maintain the LOTL, process notifications coming from Member States.

- Make available to the public, through a secure channel to an authenticated web server, the LOTL in a signed or sealed form suitable for automated processing.

## 2.2. Any user

**Role:** Process the LOTL

**Responsibilities:**

- Access the LOTL.

- Validate its signature, so that its content can be trusted.

- Process its content to further access the Member States' trusted lists and the content they provide.

# 3. HOW TO USE THE SERVICE STEP BY STEP

This section describes the processes that are part of the CEF eSignature building block's List Of Trusted Lists service.

## 3.1. Step 1: Use the LOTL

**Purpose:** Use the content of the EU trusted lists to create, extend and validate e-signatures.

**Actors:**

- Anyone interested in the EU Trust Scheme as defined in the eIDAS Regulation (910/2014), and in particular e-signature implementers interested in handling qualified e-signatures

**Process:**

1. Configure their e-signature tool to locate, access and validate the content of the LOTL

2. Create, extend or validate e-signatures based on this configuration.

More information on e-signatures, and in particular on how qualified e-signatures relate to the trusted lists, can be found here:
https://ec.europa.eu/cefdigital/wiki/pages/viewpage.action?pageId=46992760

# 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

The terms and conditions specific to the CEF eSignature List Of Trusted Lists service are described in the table below.

| Term / Condition | Description |
|---|---|
| **N/A** | N/A |

Table 3 - CEF eSignature List Of Trusted Lists Terms and Conditions

# 5. ANNEX

Not applicable

# 6. CONTACT INFORMATION

CEF eSignature Support Team

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

More information is available on:
**https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eSignature**