CEF eDelivery

PEPPOL AS4 migration support

26 March 2019

Maarten Daniels

Ines Costa

Agenda

What are the CEF Building Blocks

CEF eDelivery AS4 Migration Support

Grants available from INEA

What are
the CEF building blocks?

CEF Building Blocks

The **building blocks of the Connecting Europe Facility** promote the adoption of the same **open standards and technical specifications**, by the **different sectors** of the Union, for the most basic & common functionalities of any sectorial project/ platform.

These core commonalities will enable interoperability across borders and sectors.

IDENTIFY *with*
eID

SIGN *with*
eSignature

EXCHANGE *with*
eDelivery

INVOICE *with*
eInvoicing

TRANSLATE *with*
eTranslation

The new building blocks

Big Data Test Infrastructure

eArchiving

Context Broker

CEF eInvoicing and eDelivery Success Stories

We want to **share your experience** with CEF eInvoicing and eDelivery services

And **promote CEF** eInvoicing and eDelivery to help others understand how they can be used!

What kind of stories do we share?

- Public administration implementation stories

- Service providers stories – How did they help a public administration realize a project?

- Industry specific stories

Read all the Connecting Europe success stories on CEF Digital

View   ›

CEF Digital > Success Stories

Connecting Europe Success Stories

Hear from the teams that have successfully used CEF Building Blocks in government and business.
If you've recently used a CEF Building Block, we would like to hear your story. Send us an email.

Latest

News
Event calendar
Digital Infrastructures
Media library
Success stories

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email address
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eInvoicing

eSignature

Scotland aims to eliminate millions of paper invoices with eInvoicing
Oct 04, 2018

eInvoicing

LEARN MORE

CEF eSignature facilitates the first electronic signature on an EU regulation!
Sep 27, 2018

eSignature

LEARN MORE

eDelivery *onboarding-race*

COMMITMENT GATE

SET UP

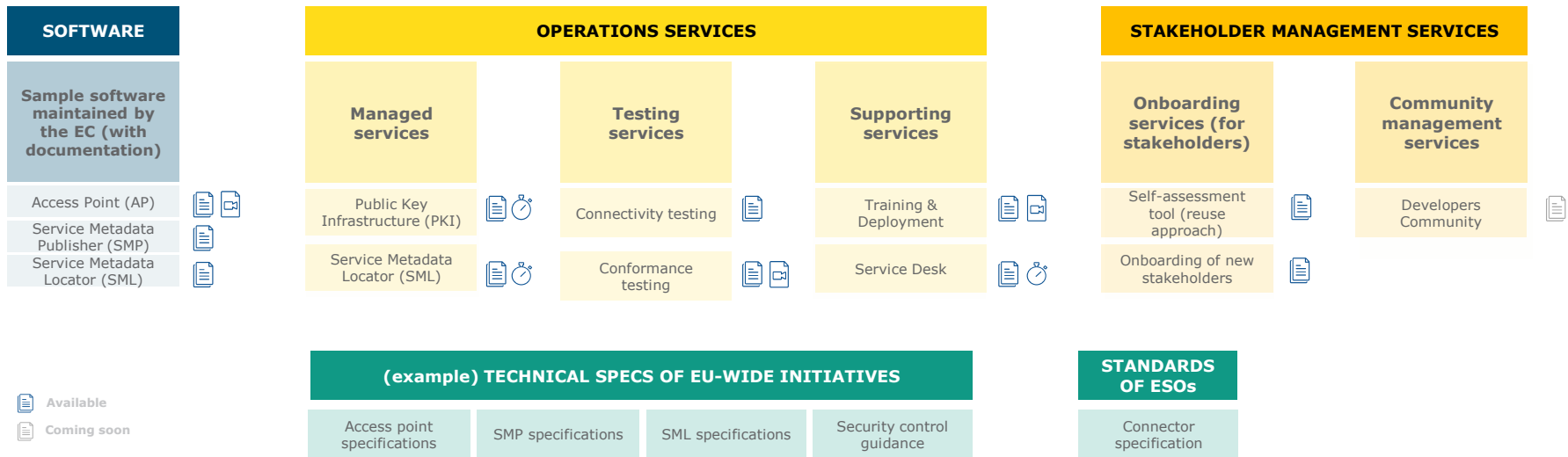| PHASE	PROSPECTING	ELICIT requirements	DESIGN eDelivery infrastructure	SELECT eDelivery solutions	DEPLOY eDelivery solutions	OPERATE eDelivery solutions
CEF DSIs	CyberSec **DG CNECT** ePayments **ECB**		eHealth (AS4) **DG SANTE**	eTranslation / ELRC **DGT**	eHealth (SMP) **DG SANTE** EESSI **DG EMPL**	ODR **DG JUST** · EU-CEG **DG SANTE** eProcurement (*) **GROW | DIGIT** · PNR *(regulated)* **DG HOME** BRIS **DG JUST** · e-Justice | eCodex **DG JUST** ELRC **DGT**
Other Policy Projects	Customs Single Window **DG TAXUD** ECRIS **DG JUST** Maritime Single Window **DG MOVE** Central Clearance Import **DG TAXUD** IRMA **DG HOME** e-enforcement academy **DG JUST** IMI **DG GROW** Inland Waterway Transport **DG MOVE** FLUX TL **DG MARE** **NEW**	CISE **DG MARE** eTransport Docs **DG MOVE** NIVA project **REA/AGRI/CNECT** **NEW**	TACHOnet **DG MOVE** eEvidence **DG JUST** IRI **DG JUST**	ICS2 **DG TAXUD**	DECIDE (upgrade) **SG** EPREL **DG ENER** EUDAMED 3 **DG GROW**	
Member State led projects (including CEF grants)	X-Road **NIIS** **NEW**		Utdataprojektet **DIGG**	TOOP (once-only) Development of NL eDelivery gateway **Logius.nl**	e-Impact (CEF Transport) e-Boks **Nets** and **PostNord**	NOBLE project (Postal Services) · PEPPOL (upgrade to AS4) Slovenia Supreme Court's communications **Laurentius** · iADAATPA **Pangeanic's consortium**
Other institutions	**European Data Protection Supervisor** **European Aviation Safety Agency** **European Anti-Fraud Office** **Eurojust** IMMC **Parliament** **NEW**	Parliamentary Q + Trialogue + OP **Parliament** SafeSeaNet **EMSA** **NEW**	**European Citizens' Initiative** **European Union Agency for Railways** **European Chemicals Agency**		CIxP **The European Council** eDocX2017 **DG HOME (EMCDDA)**	ENTSOG (Gas operators)

CEF eDelivery AS4 Migration Support

CEF eDelivery Service offering

SOFTWARE

Sample software maintained by the EC (with documentation)
Access Point (AP)
Service Metadata Publisher (SMP)
Service Metadata Locator (SML)

OPERATIONS SERVICES		
Managed services	**Testing services**	**Supporting services**
Public Key Infrastructure (PKI)	Connectivity testing	Training & Deployment
Service Metadata Locator (SML)	Conformance testing	Service Desk

STAKEHOLDER MANAGEMENT SERVICES	
Onboarding services (for stakeholders)	**Community management services**
Self-assessment tool (reuse approach)	Developers Community
Onboarding of new stakeholders	

- Available
- Coming soon

(example) TECHNICAL SPECS OF EU-WIDE INITIATIVES			
Access point specifications	SMP specifications	SML specifications	Security control guidance

STANDARDS OF ESOs
Connector specification

Service offering Description (SoD)

All services are described in an SoD describing its purpose, the users for which it is for, its benefits and the process to obtain it

Service Level Arrangements (SLA)

Documents that describe Service Level Targets to be reached when delivering Building Block Services.

eLearning, videos, success stories

Some services feature multimedia such as eLearnings, instructional videos or success stories to help grasp what the service is about

CEF Digital platform

CEF eDelivery service offering, and more about the building block, can be found online

CEF Digital >

Sample software maintained by the EC

OBJECTIVE OF THE SERVICE

Standard software implementations of the technical specifications of CEF eDelivery. The European Commission maintains and develops sample software that is openly available to be re-used. The following components of a CEF eDelivery solution are provided:

- Access Point – Domibus (verified against the OpenPEPPOL Centralized Testbed)
- Service Metadata Publisher (SMP) – Note that eDelivery promotes the OASIS SMP specifications which are different from the current PEPPOL SMP specifictions.
- Service Metadata Locator (SML)

Through the "Operational Management Board", CEF eDelivery stakeholders define the evolution of these solutions, by suggesting features that are then developed by the CEF's team.

BENEFITS

- Released under an open source license
- Viable solutions for use in production environment
- Fully supported by the European Commission
- Based on market-driven technical specifications

USERS

Software Providers
Service Providers
Policy Domains

STATUS

● ● ● Service

● ● ● Documentation

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Connectivity testing

OBJECTIVE OF THE SERVICE

Test if a newly installed AS4 Access Point, conformant with the CEF eDelivery specifications, can successfully communicate with the sample AS4 Access Point hosted by the European Commission. If successful, these tests confirm that the new Access Point is in all likelihood correctly deployed and configured.

The CEF Support Team facilitates the Connectivity Testing by making available a sample AS4 Access Point in a cloud environment, as well as providing guidelines and support during the testing process.

BENEFITS

- Confirm that newly deployed AS4 Access Points can successfully communicate with a neutral organization i.e. the sample Access Point of the European Commission;
- Testing anywhere at anytime
- Testing supported by professional staff of the European Commission

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Conformance testing

OBJECTIVE OF THE SERVICE

Verify that an implementation of the CEF eDelivery Access Point and SMP specifications, a software package either commercial or Open Source, conforms to the specifications of the CEF eDelivery Access Point.

The following specifications are tested within the scope of this service:

- eDelivery AS4 Profile
- eDelivery SMP Profile

The CEF eDelivery Team provides ready to use test cases, a testing platform, and supports the users of the CEF eDelivery Conformance Testing service during the entire testing process.

BENEFITS

- Confirm and assure your users/customers that your software package or implementation of the CEF eDelivery Access Point or SMP conforms to the CEF eDelivery specifications
- Testing anywhere at anytime
- Testing supported by professional staff of the European Commission

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Vendors - Take action and become conformant

Benefits of being conformant to the CEF eDelivery specifications

Vendor perspective

- Get additional Quality Assurance for your product

- Increase your chances for successfully communicating with other implementations

- Get brand and product visibility by being present on the list of conformant implementations

- Be ready for call for grants that require an implementation to be conformant

- The service is provided for free

- Assistance is available during the entire process

European Commission

Clients - Take action and require vendors to become conformant

Benefits of being conformant to the CEF eDelivery specifications

Client perspective

- Get a clear view on the capabilities of the solution you are buying
- Reduce the risk of buying a solution that is not interoperable with other implementations
- Prevent spending time and money on debugging AS4 related issues in production

European Commission

eDelivery AS4 conformant solutions

Conformant Solutions >

CEF Digital Connecting Europe

CEF Digital Home > eDelivery > All CEF eDelivery services > Access Point software

eDelivery AS4 conformant solutions

This page lists the solutions that have passed or are in the process of passing the conformance testing according to the eDelivery AS4 profile:

- Axway
- B2BRouter
- Bizbrains
- Domibus (EC sample implementation)
- eefacta Server
- EESSI AS4.NET
- Edicom ASx Server
- Data Interchange
- DCS EIP
- Flame

- Holodeck B2B
- IBM
- iFenix
- Laurentius
- Mendelson
- Navitasoft – IP Systems AS4-IP
- RSSBus
- SEEBURGER
- ADES
- Integration Cloud

A document listing all vendors supporting AS4, including the ones that have not gone through the CEF conformance testing process, is available at bottom of this page.

Domibus

Flame

Holodeck
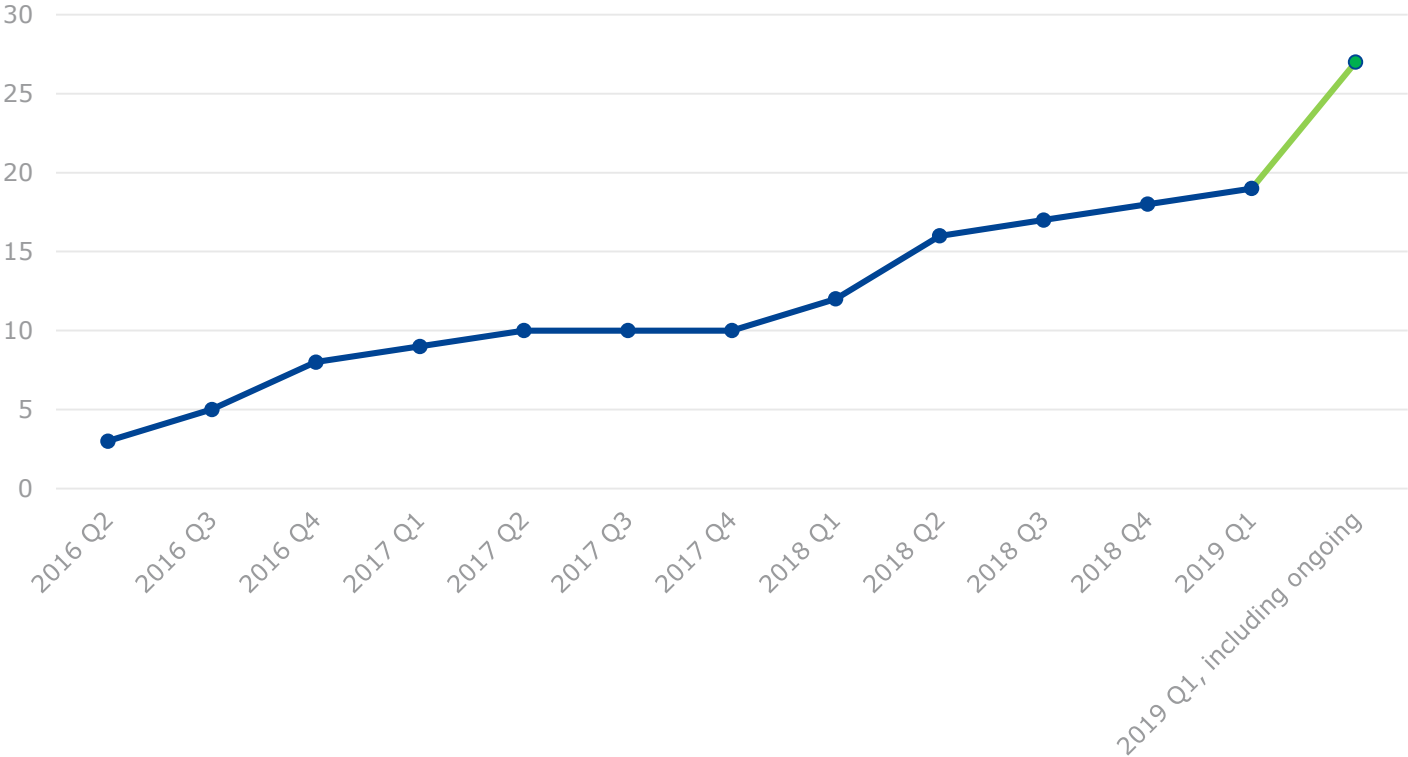
IBM

Laurentius

Mendelson

RSSBus

iFenix

Axway

EESSI AS4.NET

eefacta Server

Bizbrains

Edicom Asx server

Navitasoft

Data Interchange

SEEBURGER

B2BRouter

DCS EIP

ViaAdvalvas

8 upcoming solutions

Conformant

Ongoing

European Commission

eDelivery AS4 conformant solutions evolution

Supporting services

OBJECTIVE OF THE SERVICE

The CEF eDelivery team offers:

- **Service Desk** – a Single Point of Contact (SPOC) to address questions, incidents, requests and changes reported by the Users with regards to the CEF eDelivery service offering.
- **Training and deployment support -** Training sessions about the technical specifications underpinning the components of CEF eDelivery, the services offered by the Commission and its sample implementations, and interactive sessions to support in the deployment of the solution.

BENEFITS

- Day to day monitoring and business hours (8 am – 6 pm CET) service to maintain a high-level of availability and capacity of the CEF eDelivery Managed Services
- Proactive incident detection and resolution
- Increased autonomy of the Public Administration in handling and maintaining the CEF eDelivery components

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Grants available from INEA

More information: https://ec.europa.eu/inea/

CEF eDelivery Call 2019-1

Call publication	14 February 2019
Deadline for the submission of proposals	**14 May 2019** (17:00 Brussels time)
Budget	Indicative 1 Million EUR
Co-funding rate	75%
Indicative duration of the actions	18 months

What is covered?

a) Deploying access points and/or operating access points for one year.

b) Deploying SMPs and/or operating SMPs for one year.

c) Upgrade of data exchange solutions (Commercial Off-the-Shelf, Open-Source Software and other) to support (and therefore fully comply with), the CEF eDelivery standards *(which can also cover interoperability testing with new or existing conformant solutions)*.

Proposals addressing eDelivery activities (a) and (c) can cover the transition from the AS2 to the AS4 message exchange protocol within the PEPPOL eDelivery network or any other similar initiative.

European Commission

More information: https://ec.europa.eu/inea/

CEF eInvoicing Call 2019-1

Call publication	14 February 2019
Deadline for the submission of proposals	**14 May 2019** (17:00 Brussels time)
Budget	Indicative 6,2 Million EUR
Co-funding rate	75%
Indicative duration of the actions	12 months

What is covered?

a) Deploying access points and/or operating access points for one year.

b) Deploying SMPs and/or operating SMPs for one year.

c) Upgrade of data exchange solutions (Commercial Off-the-Shelf, Open-Source Software and other) to support (and therefore fully comply with), the CEF eDelivery standards *(which can also cover interoperability testing with new or existing conformant solutions)*.

Proposals addressing eDelivery activities (a) and (c) can cover the transition from the AS2 to the AS4 message exchange protocol within the PEPPOL eDelivery network or any other similar initiative.

European Commission

Useful documents/info

• CEF Telecom calls Virtual Info Day (web-streamed event) on 07/03/2019 more info: https://ec.europa.eu/inea/en/news-events/events/2019-1-cef-telecom-call-virtual-info-day

• Application and Evaluation process was presented from 10:00 to 11:35

• eDelivery call presentation starts at 11:55

• Questions to the call (INEA-CEF-Telecom-Calls@ec.europa.eu) can be asked until 22 April 2019 to ensure sufficient time for the last update of the FAQs by 7 May 2019.

European Commission

Call for action

Check out the eDelivery AS4 profile

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Access+Point+specifications

Check out the Conformance Testing service

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eDelivery+Conformance+testing

Get listed as a conformant solution

https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eDelivery+AS4+conformant+solutions

Apply for Grants to upgrade your solution

https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding

For questions or support contact:

CEF-EDELIVERY-SUPPORT@ec.europa.eu