



**PEPPOL-CEF
AS2 to AS4
migration
Webinar**

17.12.2018



Note: this info session is being recorded and will be made available on the internet



Welcome

André Hoddevik, OpenPEPPOL

Agenda

1. Welcome
2. AS4 migration timeline and requirements
3. OpenPEPPOL onboarding tests
 - a. Current status of the testbed
 - b. OpenPEPPOL Testbed demonstration
4. Access Point implementations with AS4 support already onboarded successfully in the PEPPOL eDelivery Network
5. Other CEF-conformant AS4 implementations expected to pass onboarding tests
6. Protocol capability publishing – suggested best practice
7. Next webinars
8. Q&A



2. AS4 migration timeline and requirements

André Hoddevik, OpenPEPPOL

AS4 timeline and requirements

- ▶▶ Where we have been
 - ▶▶ Letter of Understanding signed between OpenPEPPOL and the European Commission in 2016
 - ▶▶ Conditions agreed for the completion of the different phases: mostly market-based, ensuring sufficient maturity of the AS4 message exchange protocol specifications and implementations and penetration in the market
 - ▶▶ December 2017: A first version of a PEPPOL AS4 profile is published
 - ▶▶ March 2018: Public announcement that the criteria for a second important milestone (T2) have been met – AS4 officially becomes an optional message exchange protocol in the PEPPOL eDelivery Network
 - ▶▶ November 2018: Revision of the PEPPOL AS4 profile – now fully compliant with CEF eDelivery specifications
 - ▶▶ November 2018: Launching of on-boarding test services for AS4 by OpenPEPPOL, starting to on-board the first service providers to implement AS4 for post-award and pre-award use cases

- ▶▶ Where we are going:
 - ▶▶ January 2019: New OpenPEPPOL members can start supporting AS4 only
 - ▶▶ 31 January 2019: Revised date for assessment of criteria for the next migration milestone (T3) between EC and OpenPEPPOL
 - ▶▶ 1 August 2019: Revised target date for when AS4 becomes mandatory message exchange protocol in the PEPPOL eDelivery Network, to be confirmed after the 31 January meeting



3. OpenPEPPOL onboarding tests

- a. Current status of the testbed
- b. OpenPEPPOL Testbed demonstration

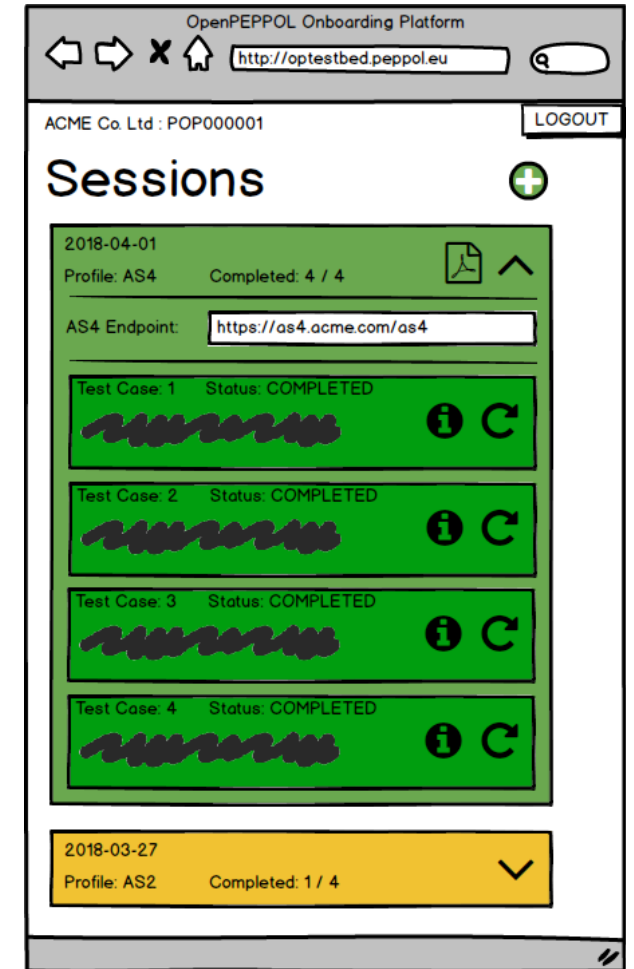
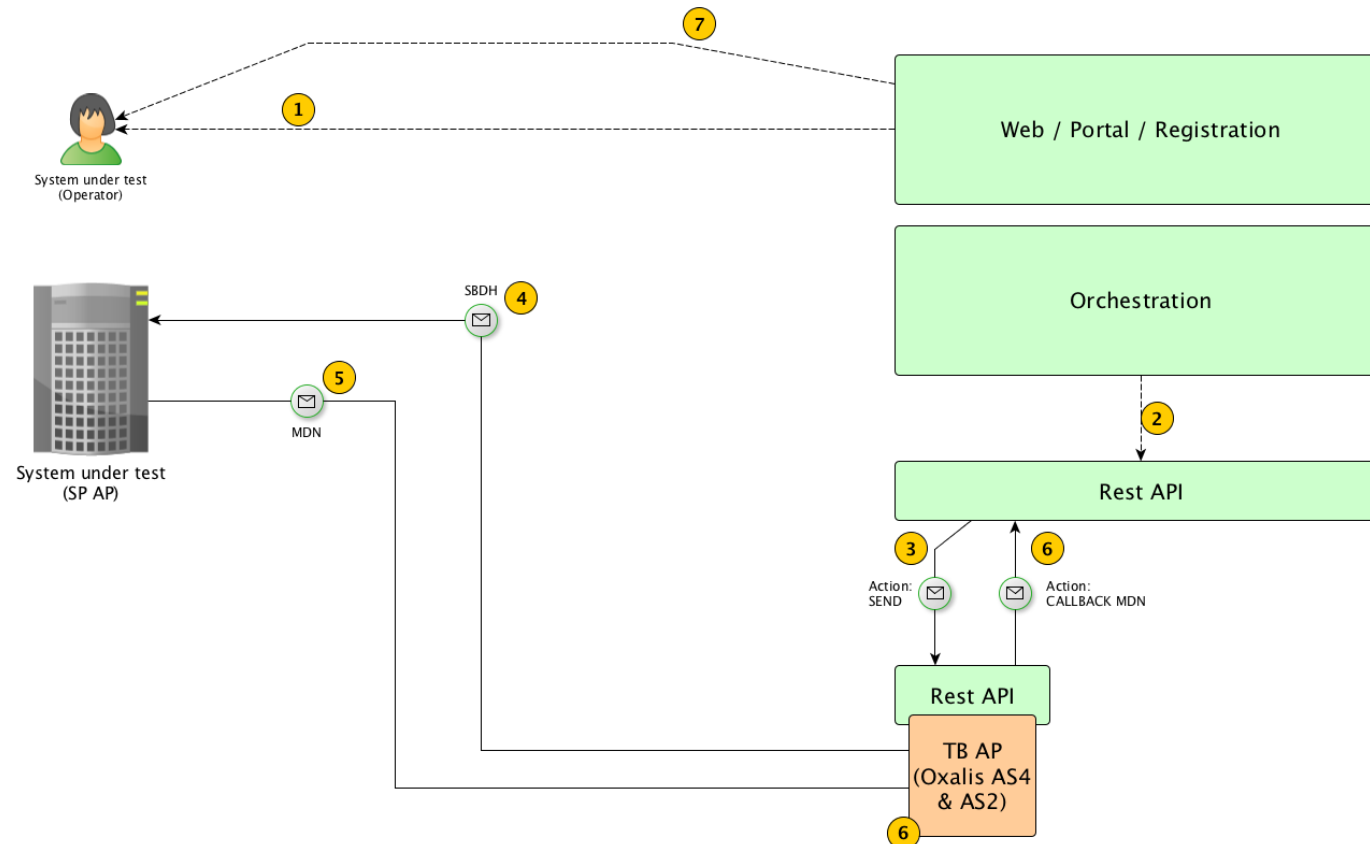


3a. Current status of the testbed

Lefteris Leontaridis, OpenPEPPOL

PEPPOL Testbed version 1

▶▶ Live as of November 27th, 2018



Testing done so far and testing expected

- ▶▶ Two Service Providers tested successfully
 - ▶▶ Seeburger AG, Skaltos kompiuterių servisas
- ▶▶ One Service Provider in the process of completing the test
 - ▶▶ B2B Router

More expected to complete onboarding soon – support is provided by the Operating Office

Support: <https://peppol.eu/support/>

Testbed documentation: http://peppol.eu/wp-content/uploads/2018/11/PEPPOL-Testbed-and-Onboarding_v1p0.pdf

Direct access to testbed: <https://testbed.peppol.eu/secure/suite/view>



3b. OpenPEPPOL Testbed demonstration

Jesper Larsen, OpenPEPPOL



4. Access Point implementations with AS4 support already onboarded successfully in the PEPPOL eDelivery Network

Klaus Vilstrup Pedersen, Difi

Lefteris Leontaridis, OpenPEPPOL

Implementations tested positively so far

- ▶▶ Oxalis 4.0
 - ▶▶ Skaltos kompiuterių servisas – passed onboarding test
 - ▶▶ Uni Micro and other Norwegian providers – to be tested soon
- ▶▶ Domibus
 - ▶▶ CEF eDelivery implementation – completed onboarding test
 - ▶▶ No Service Provider tested yet
- ▶▶ Seeburger AG
 - ▶▶ Passed onboarding test as an implementation and as a Service Provider
- ▶▶ Holodeck
 - ▶▶ Internal test AP of the OpenPEPPOL Operating Office – passed onboarding test
 - ▶▶ No Service Provider tested yet.

Oxalis Status

- ▶▶ Oxalis with AS4 plugg-in ready for download

<https://github.com/difi/Oxalis-AS4>

- ▶▶ Has passed CEF connectivity test

- ▶▶ CEF conformance test ongoing

- ▶▶ Oxalis is used in the PEPPOL Testbed

<http://peppol.eu/launch-openpeppol-centralized-testbed/>

Oxalis Roll-Out

Some participants with Oxalis AS4 in production

- ▶▶ Difi is following and pushing the Roll-Out
- ▶▶ Make sure your AS4 is upgraded to version 4.x
<https://github.com/difi/oxalis>
- ▶▶ Install the plug-in
- ▶▶ Make it production ready
- ▶▶ Onboarding test with OpenPEPPOL
- ▶▶ Start using AS4 for message exchange when possible



5. Other CEF-conformant AS4 implementations expected to pass onboarding tests

CEF eDelivery



6. Protocol capability publishing – suggested best practice

Klaus Vilstrup Pedersen, Difi

Some ideas to consider

- ▶▶ If you have AS4 capability as a sender, make sure that AS4 is used when possible- test AS4 receiver capability before AS2 capability in the SMP.
- ▶▶ Start planning and implementing AS4 now to give more time in dual production of AS2/AS4 and thereby lowering the risks.



7. Next Webinars

Lefteris Leontaridis, OpenPEPPOL

Opportunities for future updates

- ▶▶ This Webinar is being recorded
 - ▶▶ To be made available to those who could not participate
- ▶▶ Next webinar – probably in February 2019
 - ▶▶ Exact date to be confirmed and communicated by the EC and OpenPEPPOL



8. Q&A

All



THANK YOU!