



Peppol

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AS4 – onboarding and status

Jesper Larsen
PEPPOL Support Lead OpenPEPPOL AISBL, Belgium

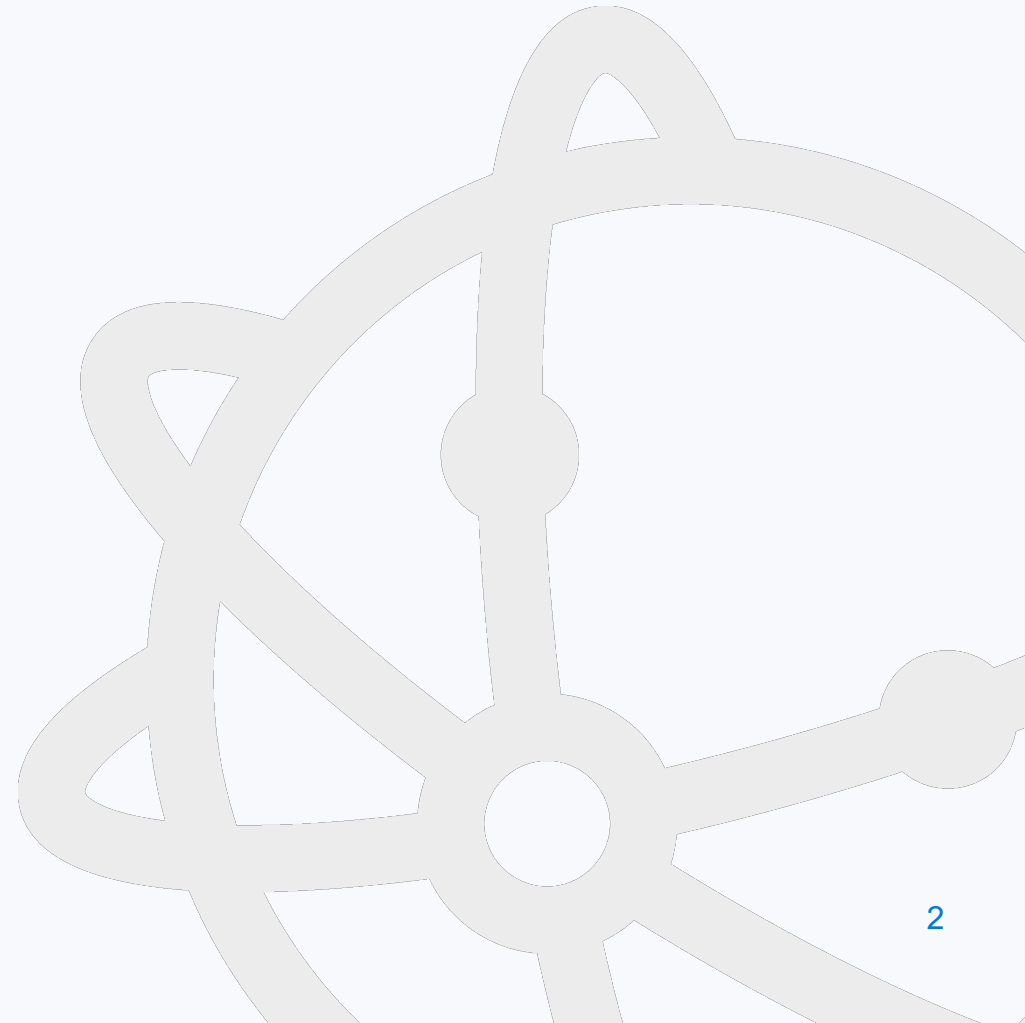
Mikael Aksamit
Technical Expert, OpenPEPPOL AISBL, Belgium

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Agenda

- Onboarding AS4 using OpenPEPPOL testbed
- Implementations available
- Current AS4 status
- AS4 migration plan – responsibilities and main dates
- Questions



PEPPOL testbed 1.0

- Peppol testbed 1.0
 - For onboarding Peppol Service Providers in AS2 and AS4
 - Self service where testers interact with the testbed without human intervention. Certificates are used as login credentials
 - Applicable to all new service providers before issuing of production certificates
 - Currently only one AS4 implementation in the testbed: Oxalis 4.1.0-RC9
 - About to go under migration from version 1.0 to 2.0

Peppol Testbed 2.0

- New AS4 eDelivery test suite available from 21st October
 - Any on-going 1.0 test suites needs to be completed before this date from this date the 2.0 test suite is mandated (to get approved for a production certificate)
- Contains the 4 test cases from Testbed 1.0 (these will be improved)
 - Receive Invoice (upgraded to BIS v3)
 - Send Invoice (upgraded to BIS v3)
 - Receive large Order (upgraded to BIS v3)
 - Send Large Order (upgraded to BIS v3)
- Adding 2 new test cases
 - Simulate “man in the middle attack”
 - Revoked or invalid certificates in the SMP lookup
- Doing the AS4 onboarding test will give providers AS4 accreditation on PEPPOL.eu and permission to do AS4 in production

Source of Information and important notes

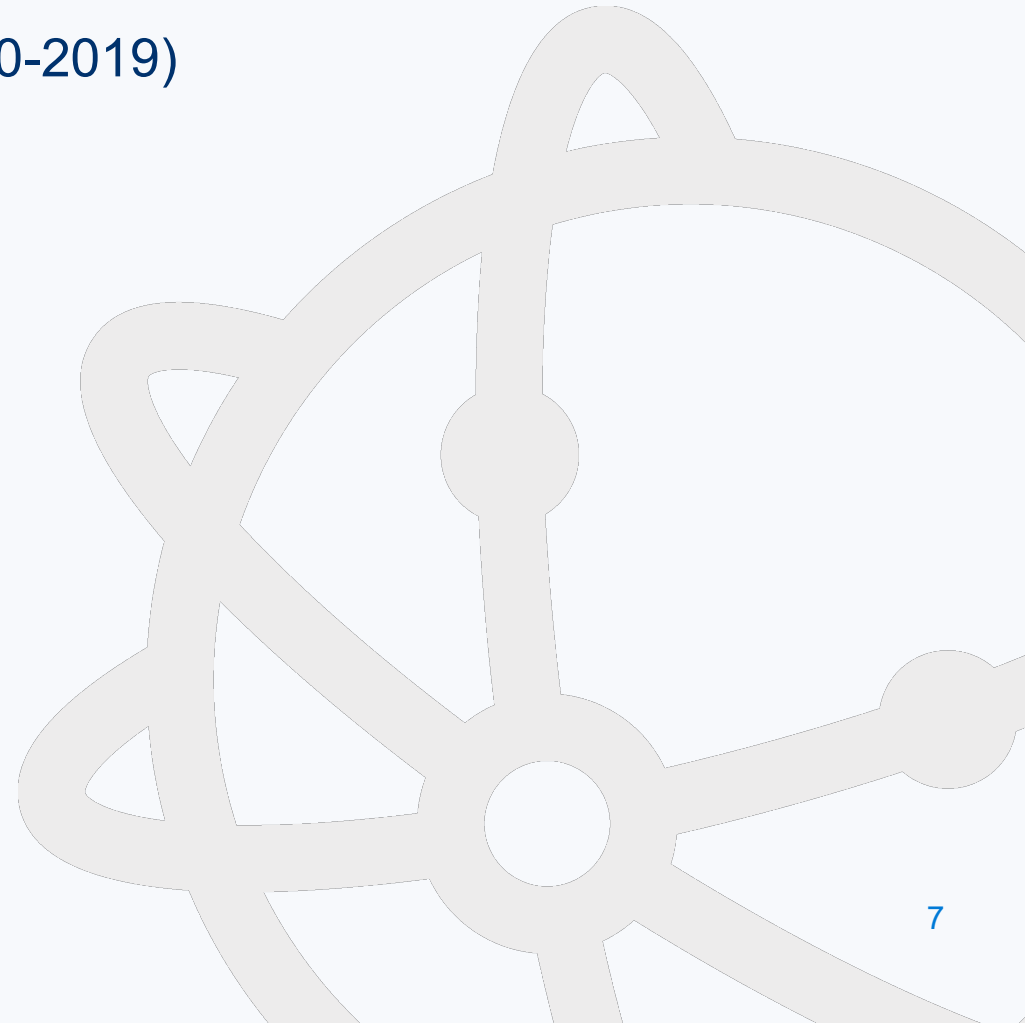
- Main site for info: <https://peppol.eu/support/>
 - Link to testbed guide: http://peppol.eu/wp-content/uploads/2018/12/PEPPOL-Testbed-and-Onboarding_v1p2.pdf
 - Link to testbed application: <https://testbed.peppol.eu/secure/suite/view>
 - Make sure to read and understand the testbed guide and preconditions before starting
 - Make sure to have some form of unit testing done before onboarding (testbed is not a sandbox)
 - Consider your AS4 implementation (OpenSource, Closed Source, Hosted or Self-Build)

AS4 PEPPOL tested Implementations

- <https://peppol.eu/downloads/peppolimplementations/>

Current AS4 status in Peppol

- 31 AS4 certified PEPPOL Service providers (as of 11-10-2019)
- 25 providers are doing the AS4 test
- 234 providers haven't started the AS4 test yet!



AS4 migration plan – responsibilities and main dates

- Currently in T3 transition phase
 - New Service providers may choose to only support AS4 (Germany, Lithuania, New Zealand and Australia only accept AS4)
 - Existing service providers are still mandated to support AS2 and AS4 is optional
- After February 1st 2020
 - All service providers must support AS4
 - SMP registrations must have AS4 as a minimum
 - Sending Service providers need to have AS4 capabilities as a minimum
 - AS2 becomes optional
- After transaction volume on AS2 drops below 20%
 - Phase out date for AS2 will be announced

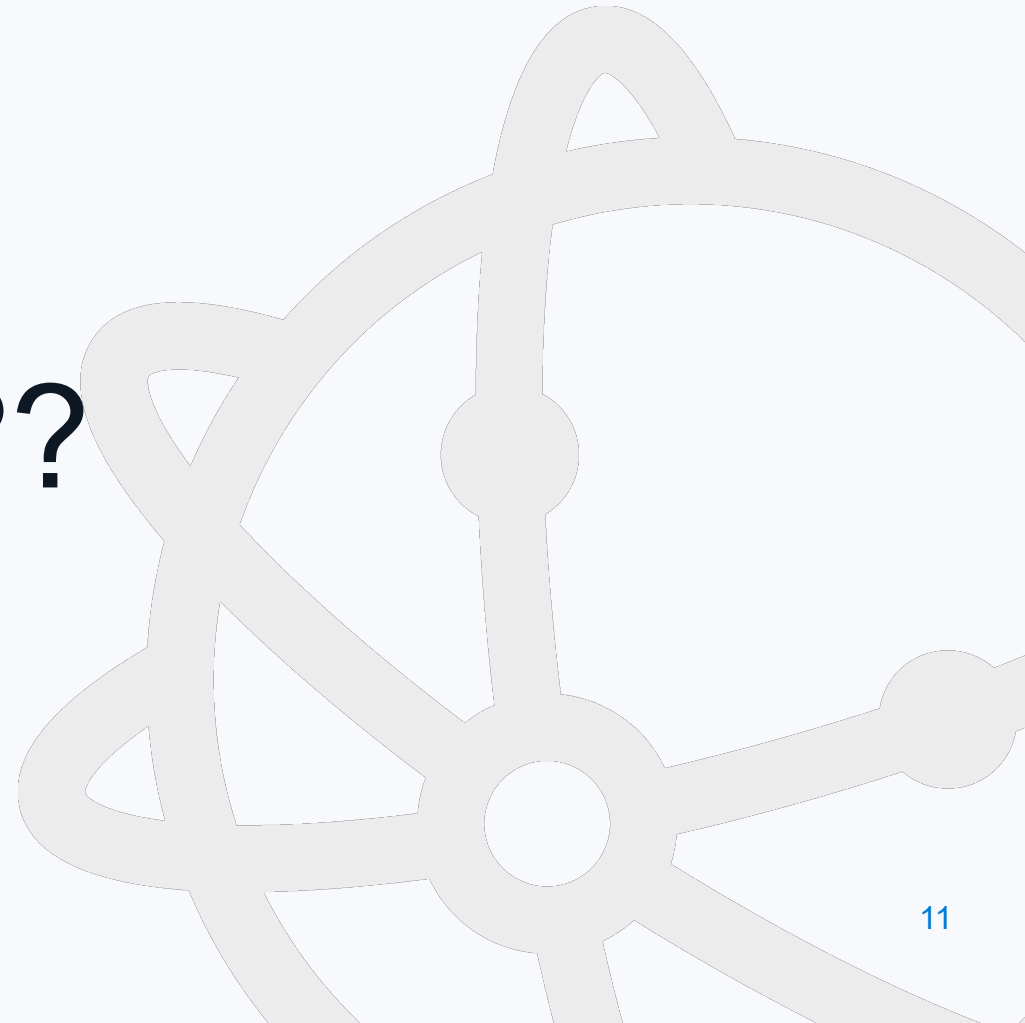
AS4 migration – important info

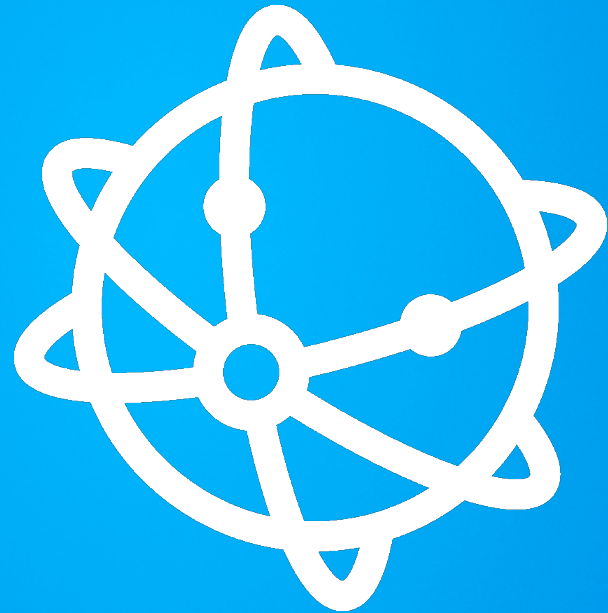
- Not being AS4 certified by February 1st
 - Not allowed to do AS4 in production
 - Compliance breach will be reported to responsible PEPPOL Authority
 - PEPPOL Authority will follow and act according to PEPPOL compliance escalation
- Receivers not being AS4 capable
 - Compliance breach will be handled by PEPPOL Authority
- OpenPEPPOL will start monitoring this

Support when implementing and testing AS4

- Your Software implementation vendor (can be limited with OpenSource)
- EC (mainly for Domibus but also detailed AS4 knowledge)
- OpenPEPPOL service desk (mainly for extracting logs on your and high level support)
 - Be as detailed as possible when asking support in the Peppol service desk
- Market experts and consultants

Questions??





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info@peppol.eu
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