



Peppol

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Work Group Mandate

Peppol SMP 2.0 Work Group

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Peppol SMP 2.0 Work Group

1 Subject and Objectives

The OpenPeppol SMP specification has become out of date and is even deemed insecure in parts of the network, due to several reasons. To increase uptake and trust in the specification, updates are needed.

The objective is to develop a proposal for a new Peppol SMP 2.0 specification that focuses on the topics of security and alignment with existing standards. Additionally new mandatory APIs should be evaluated, that are supposed to ease the everyday life of Peppol Service Providers.

2 Outcome and Goal

The Peppol SMP 2.0 Work Group is tasked with:

1. Developing an SMP 2.0 specification draft, based on the OASIS BDXR SMP v2.0 specification
2. Developing an updated SML 2.0 specification draft, based on the OASIS BDXR BDXL v1.0 specification, to use the NAPTR based DNS resolution that allows for accessing SMP instances with TLS
3. Developing an updated Peppol Policy for use of Identifiers
4. Developing an updated Peppol Directory specification
5. Provide a plan for a migration

Explicitly out of scope for the SMP 2.0 Work Group are:

- Splitting the responsibility of Document Types for a Service Group between different owners
- Mandating internal mechanisms and models of an SMP
- Changing the Peppol SML architectural model
- Changing the Peppol SML hosting model
- Changing the overall Peppol Trust Model (using a single PKI)
- Design an architectural model to represent End-to-End security in the Peppol network

The Peppol eDelivery Community (EDEC) have established a working group to undertake some initial specification work and is seeking to engage SPs in a collaborative specification process to complete the specification.

Any proposed changes would need to be initiated through a Request for Change and managed through a the Peppol change management process – including consultation of SPs, PAs and other Peppol communities.

3 Owner

OpenPeppol eDelivery Community

It is the role of the WG owner to ensure that the WG work within the mandate, or alternate seek approval of needed revisions of this mandate. The WG owner refers to the OpenPeppol eDelivery Community mandating this Work Group.

4 Leader

Philip Helger (OO)

It is the role of the WG leader to plan, manage and monitor the actual work. The WG leader reports to the Owner.

5 Mandated by

OpenPeppol eDelivery Community (EDEC)

6 Key Stakeholders

The initial key stakeholders of this mandate are

- Service Providers
- OpenPeppol Coordinating Committee
- OpenPeppol Operating Office
- European Commission as the operator of SMK/SML

Other stakeholders will be involved if necessary.

7 Approval Structure

The outcome of the WG is based on WG Consensus.

In case there are aspects where there is no consensus the Leader will consult the eDelivery Community in the first instance. If still no consensus is reached, the Leader will consult the Coordinating Committee and if necessary, all the way to the Managing Committee.

8 Phases & Timeline

Before the collaborative specification work will start, eDEC provides initial versions of the specification drafts (Peppol SMP 2.0 specification, Peppol SML 2.0 specification, Peppol Policy for use of Identifiers, Peppol Directory specification) as a starting point.

The collaborative specification work is expected for approximately 8 months, but may take longer.

This includes:

- Phase 1 (~3 months) – collaborative specification and document drafting (including Peppol SMP 2.0 specification, Peppol SML 2.0 specification)
- Phase 2 (~1 month) – alignment and communication with external partners (including EC)
- Phase 3 (~4 months) – finalizing specification drafts (including Peppol SMP 2.0 specification, Peppol SML 2.0 specification, Peppol Policy for use of Identifiers, Peppol Directory specification) and providing support documentation (including internal Migration Plan, Migration plan for Service Providers, Migration Plan for Software Providers)

9 Deliverables

The WG will develop new Peppol eDelivery specification and lodge a Request for Change (RFC) for the required changes, potentially including:

- Peppol SMP specification
- Peppol SML specification
- Peppol Policy for use of Identifiers
- Peppol Directory specification
- OpenPeppol Internal Migration Plan

External Migration Plan for Service Providers (AP and/or SMP) Consultation with broader stakeholder groups, including SPs, CC and other Peppol communities, will be undertaken as part of the Peppol change management process, under the Agreements, Policies, and Procedures Change Management Board (APPCMB).