



Peppol

The future is open

Peppol Service Provider Community Meeting

May 2nd 2023

www.peppol.org

Peppol is owned by OpenPeppol AISBL

Agenda

1. MC News
2. Service Provider Community Meeting Survey results
3. eDec Update - wildcard scheme (DDTS) overview
4. Security workgroup progress update
5. Reporting workgroup progress update
6. OO action list – list of Operational Office ongoing activities
(Agenda item was postponed to next meeting)
7. AoB

MC News

Incoming and Outgoing Members per country YTD (end of March)

In Total 505 members (end of March)

Incoming Members		
Country		Number of Incoming
1	France	5
2	Japan	3
3	Denmark	2
4	Germany	2
5	Luxembourg	2
6	Greece	1
7	Italy	1
8	New Zealand	1
9	Norway	1
10	Spain	1
		19

Outgoing Members		
Country		Number of Outgoing
1	Italy	3
2	Australia	1
3	Denmark	1
4	Germany	1
5	Netherlands	1
6	Singapore	1
7	Sweden	1
8	Turkey	1
9	USA	1
		11

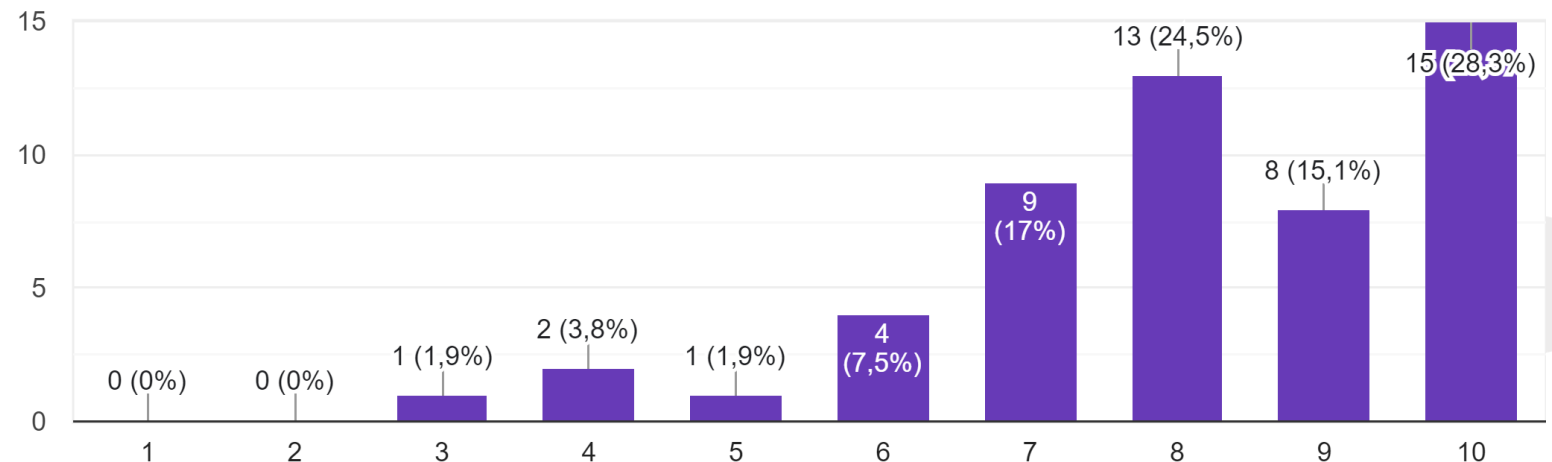
Service Provider Community Meeting Survey results

53 Replies

- Participation
 - 76% always if possible
 - 22% from time to time
 - 2% not aware
- How valuable (1...10)

How valuable is regular Peppol SP Community meeting for you as Service Provider representative?

53 vastust

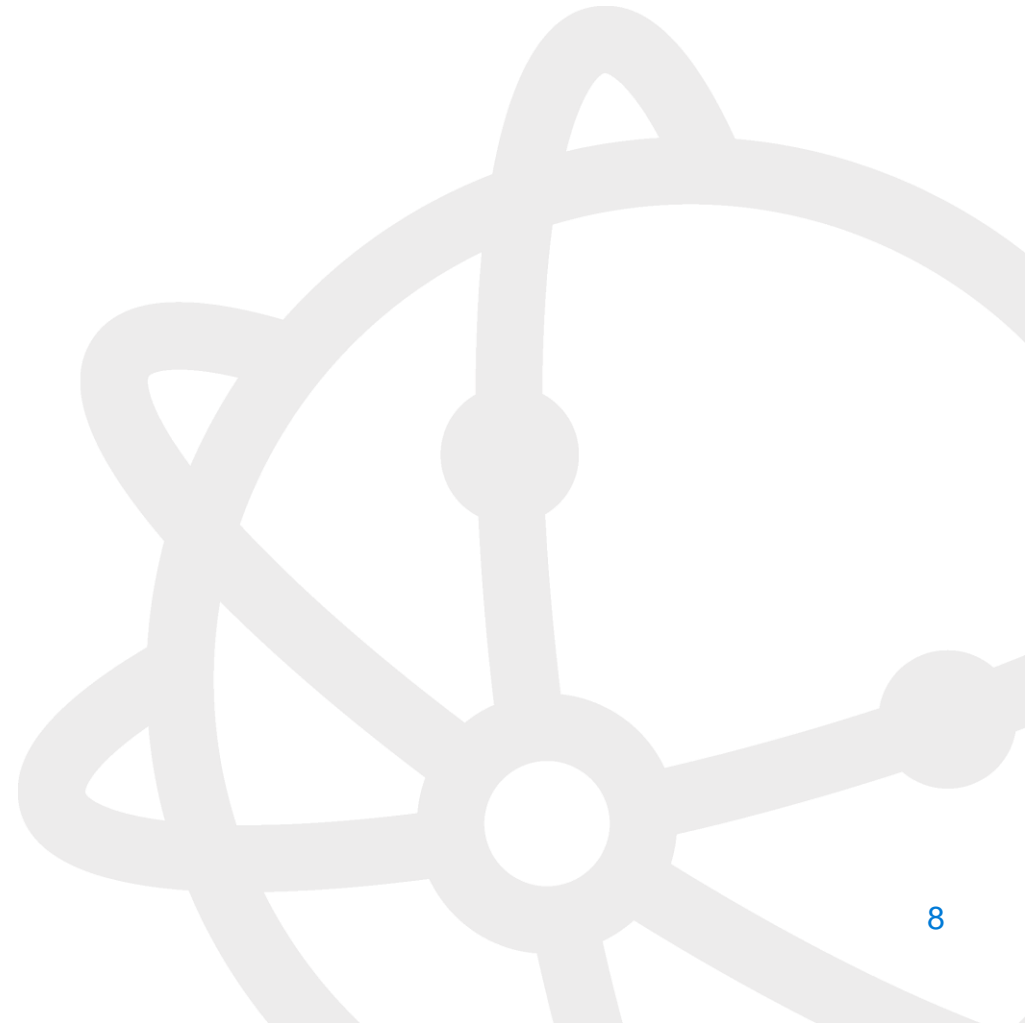


What is missed or seen as an issue

- Too many acronyms (SP, PA, POAC, MC, CMB, OO)
- More in depth subjects
- Less complicated discussions
- Presentations quicker at hand
- Make technical, country and Peppol initiatives as a standpoints in agenda
- More Interactive discussion
- Make it eassier for newbies

What is appreciated

- Regularity
- News and status on Peppol, up to date information
- Most important things and trends are covered
- Competence of the speakers
- Well organised Meetings
- Networking with new members



eDec Update - wildcard scheme (DDTS) overview

eDEC Updates

Agenda

- Publication of Reporting 1.0 and Envelope 2.0 specifications
- Publication of Code Lists v8.5 and v8.5.1
- Policy for use of Identifiers 4.2.0 public review draft
- Removal of Participant Identifier Schemes

eDEC Updates

Publication of Reporting 1.0 and Envelope 2.0 specifications

- End User Statistics Reporting (EUSR) Specification 1.0.0 was released
 - <https://docs.peppol.eu/edelivery/specs/reporting/eusr/>
- Transaction Statistics Reporting (TSR) Specification 1.0.1 was released
 - <https://docs.peppol.eu/edelivery/specs/reporting/tsr/>
- Peppol Business Message Envelope Specification 2.0.0 was released
 - <https://docs.peppol.eu/edelivery/>
 - Explicit announcement and migration plan to follow
- 6 month “implementation time” until October 12th, 2023 – for all 3 specs
- No point in time for the obligation yet - will be announced separately

- Side note: Open Source solution available <https://github.com/phax/peppol-reporting>

NOT needed yet:

- Collect data
- Prepare data
- Send data

eDEC Updates

Publication of Code Lists v8.5 and v8.5.1

- Release v8.5 on March 31st, 2023 and v8.5.1 on April 12th, 2023
 - V8.5.1 removes one Document Type added in v8.5 on PA request
- Participant Identifier Schemes changes:
 - Added 0221 (Japan) and 0230 (Malaysia)
- Document Type Identifiers and Process Identifier changes:
 - Added JP BIS Self-Billing
 - Added new versions of Pre-Award profiles
 - Deprecated previous versions of Pre-Award profiles
 - Renamed Logistics Document Types
- Transport Profile changes:
 - The deletion dates for START, AS2 profile v1, AS2 profile v2 and AS4 profile v1 was changed from August 24th to September 6th, 2023

eDEC Updates

Policy for use of Identifiers 4.2.0 public review draft

Future activity

- Updated version of Peppol Policy for use of Identifiers
- Soon to be released for Public Review
 - Only the added and changed parts are for review – not the whole specification

Network specification, minor release	4 weeks	6 months
---	---------	----------

- Contains the changes for the Peppol Wildcard Scheme
 - Formerly known as DDTS – please forget this name/abbreviation
 - No other eDEC specification is impacted
- Aligned with POAC for the needs of PINT but can be used generically
- Only a generic lookup algorithm is defined
 - PINT needs to specify the detailed lookup algorithm for sending APs

How it works technically

No news

- Introduction of a new Document Type Identifier Scheme **peppol-doctype-wildcard**
 - Additionally to the existing **busdox-docid-qns**
 - Both schemes will coexist
- This Scheme defines new rules how to build the Document Type Identifier Value
 - Remember: separation between Scheme and Value
 - `<syntax specific id>##<customization id>::<version>`
 - Customization ID consists of **Parts**
 - Each Part is separated by the @ character
 - The Wildcard Indicator * **MUST** be used in SMP registrations
 - The Wildcard Indicator **MUST NOT** be used in exchanged documents

Example identifier values

No news

- Example Peppol BIS Billing 3 EU

- Customization ID: `urn:peppol:pint:billing-1@en16931-2017@eu-3`
- Document Type ID (**SMP**): `peppol-doctype-wildcard::urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:peppol:pint:billing-1@en16931-2017@eu-3*::2.1`
- Document Type ID (**UBL**): `peppol-doctype-wildcard::urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:peppol:pint:billing-1@en16931-2017@eu-3::2.1`

- Example Peppol BIS Singapore

- Customization ID: `urn:peppol:pint:billing-1@sg-2`
- Document Type ID (**SMP**): `peppol-doctype-wildcard::urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:peppol:pint:billing-1@sg-2*::2.1`
- Document Type ID (**UBL**): `peppol-doctype-wildcard::urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:peppol:pint:billing-1@sg-2::2.1`

Chosen
CustomizationIDs
for illustrational
purposes only

Example matching process

Wildcard only

- SMP registration ...**urn:peppol:pint:billing-1** @en16931-2017@eu-3*... is matched by
 - ...urn:peppol:pint:billing-1 @en16931-2017@eu-3...
- SMP registration ...**urn:peppol:pint:billing-1** @en16931-2017*... is matched by
 - ...urn:peppol:pint:billing-1 @en16931-2017@eu-3...
 - ...urn:peppol:pint:billing-1 @en16931-2017@example...
- SMP registration ...**urn:peppol:pint:billing-1***... is matched by
 - ...urn:peppol:pint:billing-1 @en16931-2017@eu-3...
 - ...urn:peppol:pint:billing-1 @en16931-2017@example...
 - ...urn:peppol:pint:billing-1 @sg-2...
 - ...urn:peppol:pint:billing-1 @aunz-2...
 - ...urn:peppol:pint:billing-1 @jp-1...

No news

Sometimes also called **pint***

Chosen CustomizationIDs for illustrational purposes only

Note: for brevity, only the significant/illustrative part of the CustomizationID in the receiving capability is shown

Lookup process

Assumed PINT lookup process

Sending AP
task

No news

- The Scheme **busdox-docid-qns** has precedence over **peppol-doctype-wildcard**
- Example trying to send document with Customization ID **urn:peppol:pint:billing-1 @jp-1**
 1. Query all document types of the receiver from the SMP (using the `/ {serviceGroup}` API)
 2. Check if the receiver supports “**busdox-docid-qns**::...**urn:peppol:pint:billing-1 @jp-1**...”
 3. Check if the receiver supports “**peppol-doctype-wildcard**::...**urn:peppol:pint:billing-1 @jp-1***...”
 4. Check if the receiver supports “**peppol-doctype-wildcard**::...**urn:peppol:pint:billing-1***...”
- ➔ the first match is used to query the SMP for the details
- With the chosen document type ID the SMP is query is performed (using the `/ {serviceGroup} / services / {docTypeID}` API)
- Continue as usual

Chosen
CustomizationIDs
for illustrational
purposes only

eDEC Updates

Removal of Participant Identifier Schemes

- Most likely Participant Identifier Scheme 9956 will be removed in favour of 0208
- Final decision made in mid May by BOSA

Future activity

Security workgroup progress update

Progress update

- Context

- PA Community established a PA Workgroup - to explore initial thinking on how security could be strengthened
- OpenPeppol Coordinating Committee - Peppol Security WG (8 PAs, 11 SPs, OpenPeppol) established to develop a proposal for security requirements to ensure there is a consistent, minimum level of security across the Peppol network

- Presentations (proposed design)

- PAC (13 & 27 Oct 2022)
- SPC (20 Aug, 25 Oct 2022)
- Peppol Cross-Community Brussels (3 Nov 2022)

- What we heard

- Need to articulate more clearly the reason (and need) for change
- Cost - SPs (independent audit), PAs (knowledge, resources, time, effort), OpenPeppol (meet requirements, as PA)
- Practical challenges for government agencies
- Is SP organisational security the role of PAs?
- The “bar” (minimum requirement) – audit / assessment sufficient? are specified controls needed?
- Security frameworks – SOC2 & NIST not currently used in Peppol environment

Proposal

- Rationale

- OpenPeppol is growing, becoming more complex
- Whole economies are becoming reliant on Peppol
- Cyber security fraud is increasing
- Peppol already has security requirements, but we need greater assurance - there is a cost
- Keep Peppol as world's leading global interoperability framework - trust & reliance - government & business investment (growth)

- Proposal

- Mature Peppol infrastructure

1. Proposal for Peppol Security Requirements

2. Recommend MC establish a new Peppol Security Committee.

Proposal (high level summary)

- Peppol Security Requirements

- Bring the Peppol network to a baseline level of security - ISO/IEC 27001
 - Security frameworks can be added - must be equivalent to ISO/IEC 27001 or higher
 - NIST is specified - as it is higher
 - PA sponsored frameworks allowed - equivalent or higher
 - SOC2 removed from the initial list of security frameworks (further consideration)
- Independent audit or assessment provides assurance - certification for ISO/IEC 27001

- Security Committee

- Focus on security as a central pillar in the Peppol Framework
- Consider other security frameworks (e.g. SOC2)
- Can specify controls (e.g. from NL risk assessment)

- New entrants

- No encoded exemption for new SPs (or countries)
- Supervisory body (PA / OpenPeppol) able to relax on a case-by-case basis

Next Steps

- RFC

- Finalising Request for Change (RFC) - aiming to submit in May 2023
 - RFC, Changes to IR, OPs, Migration Plan

- Change management

- RFC will be managed by APPCMB (Agreements, Policies, and Procedures Change Management Board)
- APPCMB facilitates consultation and MC approval (subject to consultation outcomes)
- PAs & SPs are encouraged to consider & provide feedback in consultation process

- Migration Plan

- Proposed transition phases
- 6 months after MC approval (subject to consultation) - self assessment
- 12 months later (total 18 months) - independent audit or assessment

Reporting workgroup progress update

Status BISs

1. Transaction statistics Reporting

- a) Published on 23 November 2022
- b) Mandatory usage possible after 23 May 2023

2. End User Statistics Reporting

- a) Published on 14 April 2023
- b) Mandatory usage possible after 14 October 2023

Mandated after approval of MC on whole reporting mechanism

- Actions SPs: Start implementing the BISs
- Testbed will support Reporting BISs shortly.

Status platform

1. Platform

- a) Receiving components ready
- b) Processing components – work in progress
- c) PA interface – proposal to be developed and discussed with Peppol Authorities

Testbed will support Reporting BISs shortly.

Status data policy

1. New Data Policy is being drafted
 - a) Reporting is part of this policy
 - Legal basis
 - Collection purposes
 - Usage
2. APP CMB decides on changes
 - a) These will be implemented in the Internal Regulations



OO action list – list of Operational Office ongoing activities

Agenda item was postponed to next meeting



THANK YOU!

MORE
INFORMATION

info@peppol.eu
www.peppol.org

FOLLOW US

