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OpenPEPPOL
PA - MLR

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TICC 2016 Activity Scope and Content

▸▸ **OpenPEPPOL support dispatch and tracking facilities**

  ▸▸ MLR receipt message

  ▸▸ MLR Validation error reporting

▸▸ Extend eDelivery capabilities for Pre-Award use cases such as Tender Submission

  ▸▸ Support for new Payload (PreAward ASIC, Edifact…)

  ▸▸ Extended Trust and non-repudiation services

  ▸▸ Large files support

▸▸ Continued support for adoption in industry segments and verticals to increase the use of PEPPOL eDelivery

  ▸▸ MoU with EESPA extending collaboration

  ▸▸ Preparations to increased collaboration with GS1

▸▸ Continue collaboration with EC, CEF DSI and prepare for a permanent transfer of the SML to EC and adopting CEF AS4 eDelivery

  ▸▸ Adoption of AS4 as supplementary eDelivery protocol based on CEF/eSENS specifications

  ▸▸ Discussions regarding planning migration from AS2 to AS4 in line with proposed CEF eDelivery strategy to phase out AS2

  ▸▸ Considerations regarding proven interoperability between platforms, availability of implementations and market maturity

Basic network operation principles

Principle for optimization of network processes

✓ Automation of basic processes and handling of error issues supported by policies, validation artifacts and network message features

✓ Manual processing by exceptional cases optimizing resources and response times

✓ Efficient transfer of error to entity responsible for resolution

✓ Support End-2-End services in the 4-courner model

✓ Allowing flexible implementation by end-user or Service Providers (AP's) based on user requirements, capabilities and business process implementations

Basic MLR Use Case – Part 1

Handling of received invalid messages

- ✓ Support to automate and communicate errors of invalid documents back to issuer/sender

- ✓ Support rejection of message based on errors detected by receiver in message validation

- ✓ Support end-2-end encrypted payload

- ✓ Independent of the AP-2-AP protocol message acknowledgement/rejection

- ✓ Must be supported by all participants sending documents

Basic MLR Use Case – Part 2

Confirmation of received messages

✓ Receipt conformation of transferred message <u>based on request</u> of the Participant/sender of message

✓ Support end-2-end encrypted payload

✓ Must be supported by all participants / receivers

Basic MLR Implementation

Principles for implementation

✓ Independence of message transfer protocol to support end-2-end scenarios

✓ No change in the use of synchronous AS2 Acknowledgement (MDN)

✓ Supported by self-contained message (PEPPOL BIS MLR)

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