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Website: www.peppol.eu



Framework

Transport Infrastructure ICT Architecture Framework

Version: 1.00
Status: In Use

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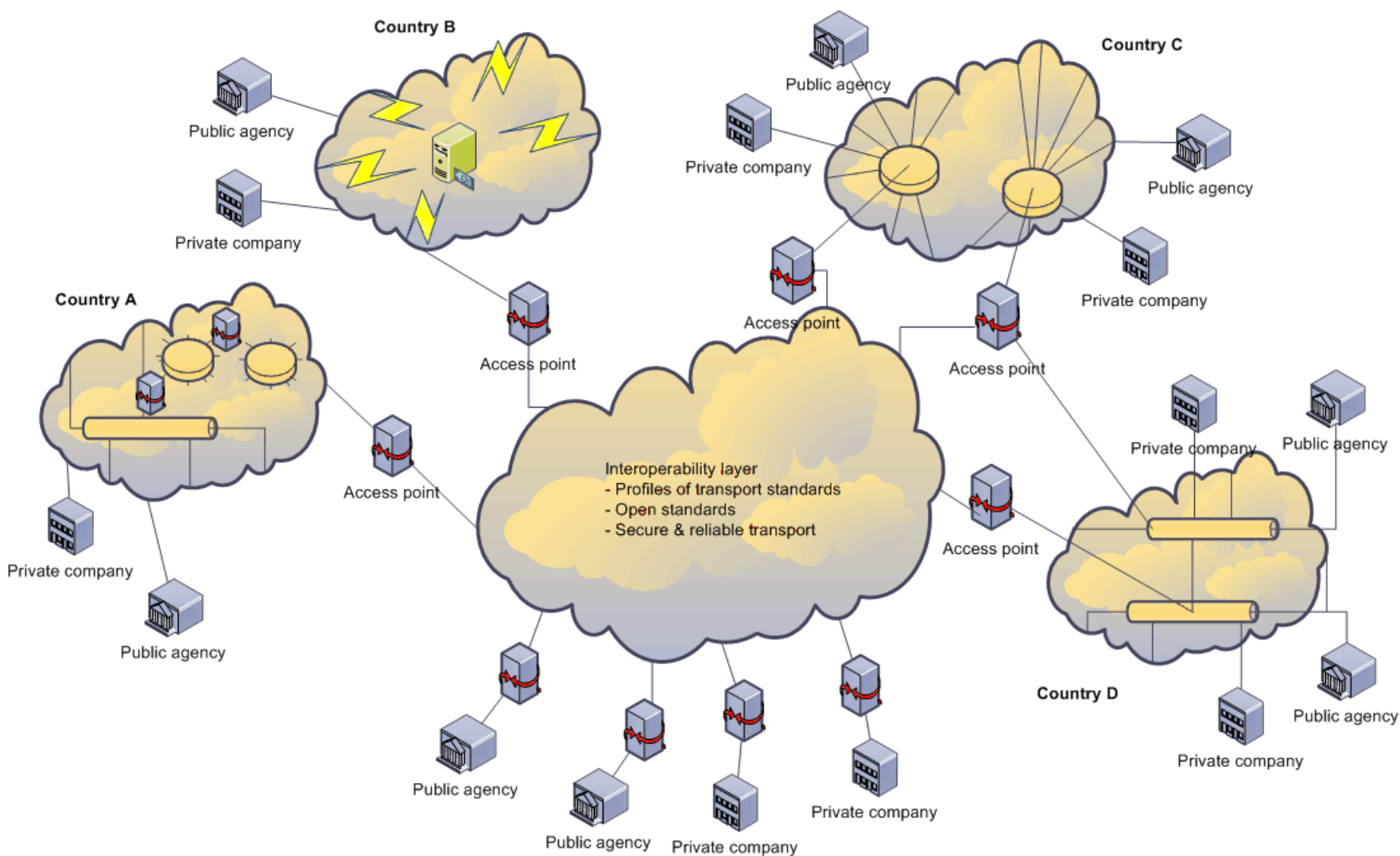
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Revision History

Version	Date	Editor	Org	Description
1.00	01.02.2011	Klaus Vilstrup Pedersen	DIFI	First Version

ICT Architecture Framework

PEPPOL 4-corner model



►► Infrastructure Components

1.) PEPPOL Service Metadata Locator (SML):

- The SML is the key component of enabling the pan-European eBusiness register for exchange of business documents.

2.) PEPPOL ROOT PKI (Circle of trust)

- The PEPPOL ROOT PKI is used to create the core circle of trust in PEPPOL between AP's, SMP's and SML.
Together with the usage of SAML Sender Vouches assertion tokens this create a flexible – yet trustworthy – 4-corner model for realising the foundation of panEuropean exchange of electronic

3.) The BusDox specifications

4.) The Reference Implementations

BusDox: Business Document Exchange Network

START: Secure Trusted Asynchronous Reliable Transport

LIME: Lightweight Message Exchange

AP: AccessPoint

SMP: Service Metadata Publisher

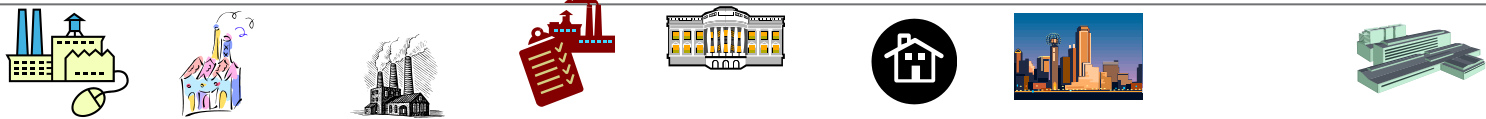
SML: Service Metadata Locator

http://www.peppol.eu/work_in_progress/wp8-Solutions%20architecture%2C%20design%20and%20validation/specifications/v1-0-specifications

Setting up a standardisation technical committee to ensure the long term sustainability for BusDox.

<http://lists.oasis-open.org/archives/tc-announce/201011/msg00015.html>

ICT Architecture Description 1

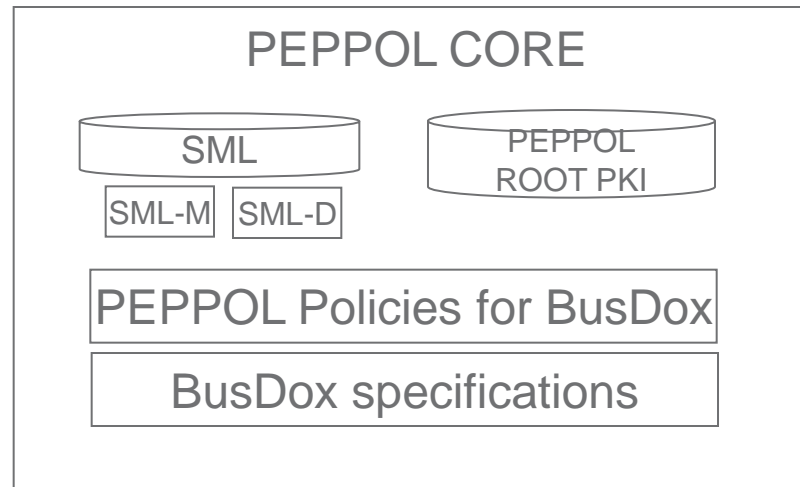


LIME, ebMS, JMS, FTP, AMQP etc



BusDox:

SML
SMP
AP
START
LIME



ICT Architecture Dependencies

- ▶▶ Service Metadata Locator Management platform
- ▶▶ Service Metadata Master DNS
- ▶▶ PEPPOL ROOT PKI
- ▶▶ PEPPOL Transport Infrastructure Specifications

eProcurement without borders in Europe

www.peppol.eu

