

Reusing interoperability assets for Europe's large-scale pilots

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Large scale pilots

“develop practical solutions tested in real government service cases across Europe”

SPOCS: e-Documents

e-CODEX: eJustice

epSOS: eHealth

PEPPOL: eProcurement

STORK 2.0: a single European electronic identification and authentication area

DIGITAL AGENDA FOR EUROPE

A Europe 2020 Initiative

SPOCS



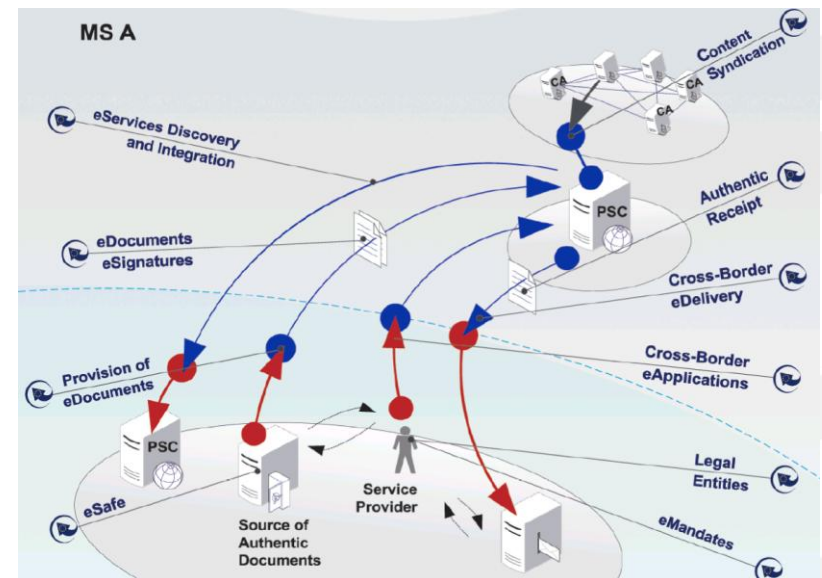
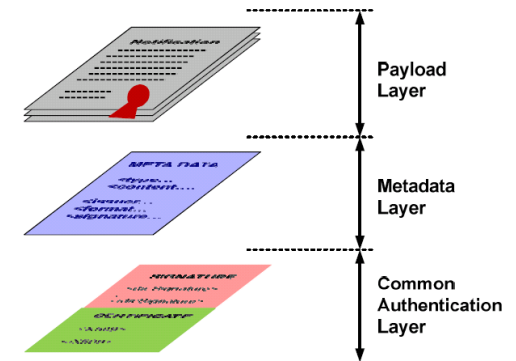
Points of Single Contact for citizens and companies

eDocument delivery in support of procedures
OCD

Validation of documents
Document equivalences

eSafe

Content syndication



The SPOCS semantic task force

A model for documents and equivalences in the context of specific procedures

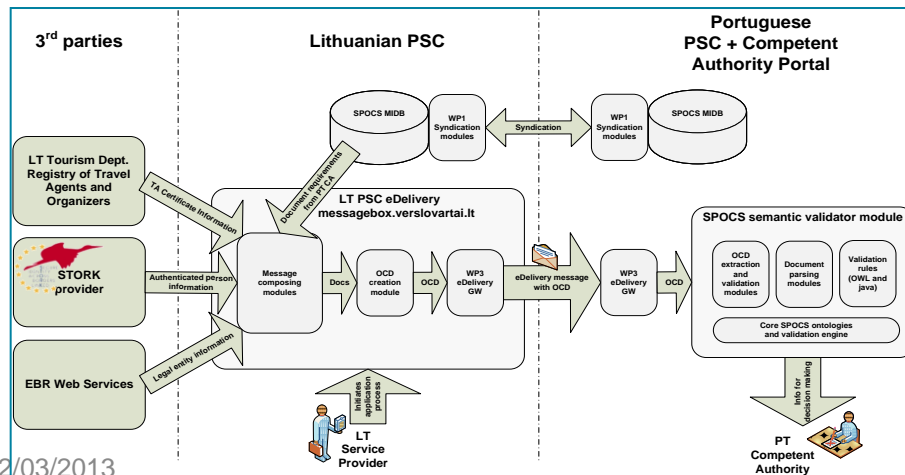
A set of pilots

Determining whether a specific procedures is necessary

The validation of document equivalences

The collection of data on document equivalences

The use of external services, such as the European Business Registry API



The screenshot shows the "New Equivalence" web application interface. The browser address bar displays "http://modulog.spoas.lt/new-equivalence". The interface includes a "Select Procedure" dropdown menu with "Ship License Creation" selected, and a "Select Document Type" dropdown menu with "BirthCertificate" selected. Below these, there is a section titled "Select document types from Belgium who are accepted for BirthCertificate in the scope of the procedure Ship License Creation". This section contains two tables: "Local Document" and "Belgium Documents". The "Local Document" table has columns for "Document Type Name", "Document Type Owner", "Document Type Template", and "Document Type Text". The "Belgium Documents" table has columns for "Document Name", "Document Type Name", "Document Type Owner", "Document Type Template", "Document Type Text", "Date of naissance", and "Lieu de naissance". Below these tables, there is a section titled "Existing equivalences for the 'Ship License Creation' procedure" which contains a table with columns for "Local Document" and "Foreign Document". The table has rows for "ID Card", "Carte d'identité", "Born certificate", and "Certificat de naissance". At the bottom of the interface, there are "Create" and "Cancel" buttons.

Pilots: eProcurement, eHealth, eJustice, Business lifecycle Integrating building blocks from LSPs

	COMMON e-SENS FRAMEWORK	RE-USABLE GENERIC e-SENS TOOLS	e-SENS SERVICES
Solution specification	<p><i>Generic frameworks, methodologies and standards</i></p> <p>Examples</p> <ul style="list-style-type: none"> • ETSI REM Specifications • OASIS BDX TC BusDoX Specifications 	<p><i>Generic components and tools</i></p> <p>Examples</p> <ul style="list-style-type: none"> • OCD – Omnifarious Container Format for eDocuments • EU trusted service list (EU-TSL) 	<p><i>Common cross sector services</i></p> <p>Examples</p> <ul style="list-style-type: none"> • STORK eID authentication platform • e-Signature cross border verification
Solution instance	<p><i>Domain specific standards, specifications and guidelines</i></p> <p>Examples</p> <ul style="list-style-type: none"> • PEPPOL BusDoX • SPOCS e-Delivery 	<p><i>Domain specific components and tools</i></p> <ul style="list-style-type: none"> • VCD – Virtual Company Dossier • Medical Files (epSOS) <p><i>Domain independent components and tools</i></p> <ul style="list-style-type: none"> • PEPS- Pan European eID Proxy Server) 	<p><i>Domain specific services</i></p> <p>Examples</p> <ul style="list-style-type: none"> • eProcurement – Post Award (PEPPOL)

Semantics, documents, and processes

Key building blocks

- **Tools:** e.g., the epSOS terminology server
- **Models:** e.g., Virtual Company Dossier, Omnifarious Container-format for. eDocuments
- **Methodologies:** e.g., Business Rules documentation
- **Datasets:** e.g., European Business Registry data

Challenges

Compelled to reuse

- against the not-invented-here syndrome
- original choices more or less coherent (e.g., RDFS/OWL, XSD)

BUT

- complementary
- need to realize what the building blocks are: not only pieces of software, also models, datasets, and methodologies

Collaboration with SEMIC/JoinUp

- to document building blocks, e.g., with ADMS
- to use methodological experience

Core issue of governance on tools and datasets

