Piloting e-ID Interoperability

Porvoo 15, Vienna, 28 May 2009

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Choosen IOP Approaches

The Pilots

The STORK „Network“
eGovernment objectives (ICT-PSP call 2007)

Type A
- eProcurement
- eID interoperability
- eHealth

Type B
- Electronic documents
- Accessible & inclusive eGovernment
- Combined delivery of social services

Thematic Networks
- eParticipation
- Impact & user satisfaction
- Brokering pan-EU eGov solutions & services online
Our Vision:
To simplify administrative formalities by providing secure online access to public services across EU borders.

Our Mission:
To develop and test common specifications for secure and mutual recognition of national electronic identity (eID) between participating countries.
Project's structure

**Project Management (ATOS)**
- eID inventory, trust & application groups (NL MOI)
- eID and upcoming technologies (AT TUG)
- eID process flows (UK IPS)
  - Common specifications and Stork's eID models (FEDICT BE; MAP ES)
  - National integration of Stork models and Common specifications (FEDICT BE, MAP ES)

**Communication and Sustainability (Gov2U)**
- Definition and analysis
- Design of interoperable flows & architectures
- Construction and implementation
- Testing & evaluation

**Pilots**
STORK – Roadmap “the way ahead”

Feb 09
- Framework mapping
- Legal interoperability
- priority technologies

May 09
- Quality authenticator scheme
- eID PROCESS FLOWS

May 10
- Construction up to implementation of common functionalities
- Construction up to implementation of specific functionalities

May 11
- Functional Specs
- Construction & Implementation
- Exploitation
- Evaluation

Functional Design
- Cross-border authentication platform
- Assessment on common specifications on eID

Technical Design
- Functional Specs
- Tech Specs
- Implementation

Construction & Implementation
- Legal interoperability
- priority technologies

Exploitation
- Evaluation
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STORK – our challenge

How to build a European eIDM framework?

Definition of interoperable Architectures on eID

National Infrastructure on eID (gateways, IDPs)

SERVICE PROVIDERS

National Infrastructure on eID (gateways, IDPs)

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National Infrastructure on eID (gateways, IDPs)

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National Infrastructure on eID (gateways, IDPs)

SERVICE PROVIDERS

ARCHITECTURE
META - Level
Easy integration at the Service Provider with smart-cards as means of eID
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The STORK „Network“
Pilot milestones

- **Pilots Scope**
- **Detailed Planning**
- **Pilot specifications**
- **Implementation and testing**
- **Start pilot operation**
- **Progress & Completion**

- Progress of the pilot during the first six months of life, assessment and finalization.
- Interoperability testing at MS level.
- Interoperability testing for pilot.
- Providers, ID Providers for each pilot.
STORK Pilot 1 – Cross border eServices

Objectives:

- To connect and test existing national portals and services to the EU interoperability layer defined and implemented;
- To test the trust framework defined;
- To test that the integration works with a variety of login methods and tokens;
- To assess ease of use and take-up of cross border eID services;
- To implement an EU portal providing a set of links to the cross border services.
STORK Pilot 2 – safer chat

Objectives:

- To build a platform for safer online environment where people can communicate on-line after authenticating with their eIDs.
- Safer chat is aimed to make chatrooms more secure where people authenticate with their eIDs
- In addition to using an eID to access to these chatrooms access can be limited by attributes such as age and gender
STORK Pilot 3 – eID Student Mobility

Objectives:

- To facilitate student’s mobility across Europe.
- To enable students to register online with their trusted identity.
- To enable students to transfer their academic qualifications online to facilitate trusted access to services online.
STORK Pilot 4 – eID electronic delivery

**Objectives:**

- The objective of this pilot is to demonstrate cross-border electronic delivery based on the existing domestic infrastructure.
- The scope is to provide a concept for an interoperable e-delivery framework.
- Concentrates on identity related issues thus deals with the e-delivery process in general and focuses on how to identify and authenticate involved entities in all phases of e-delivery. Legal aspects are addressed in an analytic way.
STORK Pilot 5 – EU Citizen Change of Address

**Objective:**

- Test the usage of eID authentication to support the electronic process of address change of EU Citizens that move abroad to other MS.
- Specification of Change of Address Service Provider and User Interfaces
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STORK – community

- eID specialty workgroups
- A2A pilots
- Member States Ref. Group
- Industry Group
- eID Community of interest

Over 550 members

www.eid-stork.eu
STORK – getting involved

Industry group:

The STORK Industry Group has been set up as an open forum where industry stakeholders can remain informed of developments throughout the project and feed back their comments to the Consortium. The Industry Group includes large, medium and small companies and associations in the ICT sector that manufacture, supply and consult on infrastructure and end user related products for electronic ID.

Members to date:

Tractis, CSF BV, Cryptolog, Corestreet, Institute of Medical Technology and Equipment, Sun, Jacob-Steen Madsen, Unisys, CA Inc, Ecebs Ltd, Safe BioPharma Association, Izenpe, PWC, SAFELAYER Secure Comm, Ascertia Ltd, Agilessoft, EADS… etc
STORK – getting involved

Member State reference group:

The STORK Reference Group has been set up as an open forum where EU Member States, associated countries and EU institutions which are not already part of the project can remain fully informed of developments throughout its duration and feedback their comments to the Consortium. More specifically, the MS Reference Group is composed of representatives of MS national authorities, EEA member states, EU candidate states, and potential EU candidate states, in charge of national identity.

Members to date:

Slovakia, Turkey, Malta, Lithuania, Cyprus, Greece, Hungary, Poland, Czech Rep, Norway, Denmark are members…
STORK – eID interoperability

THANK YOU FOR YOUR ATTENTION

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