

STORK PRESENTATION



SECURE
IDENTITY
ACROSS
BORDERS
LINKED

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07/04/2009



eGovernment objectives (ICT-PSP call 2007)



Our Vision:

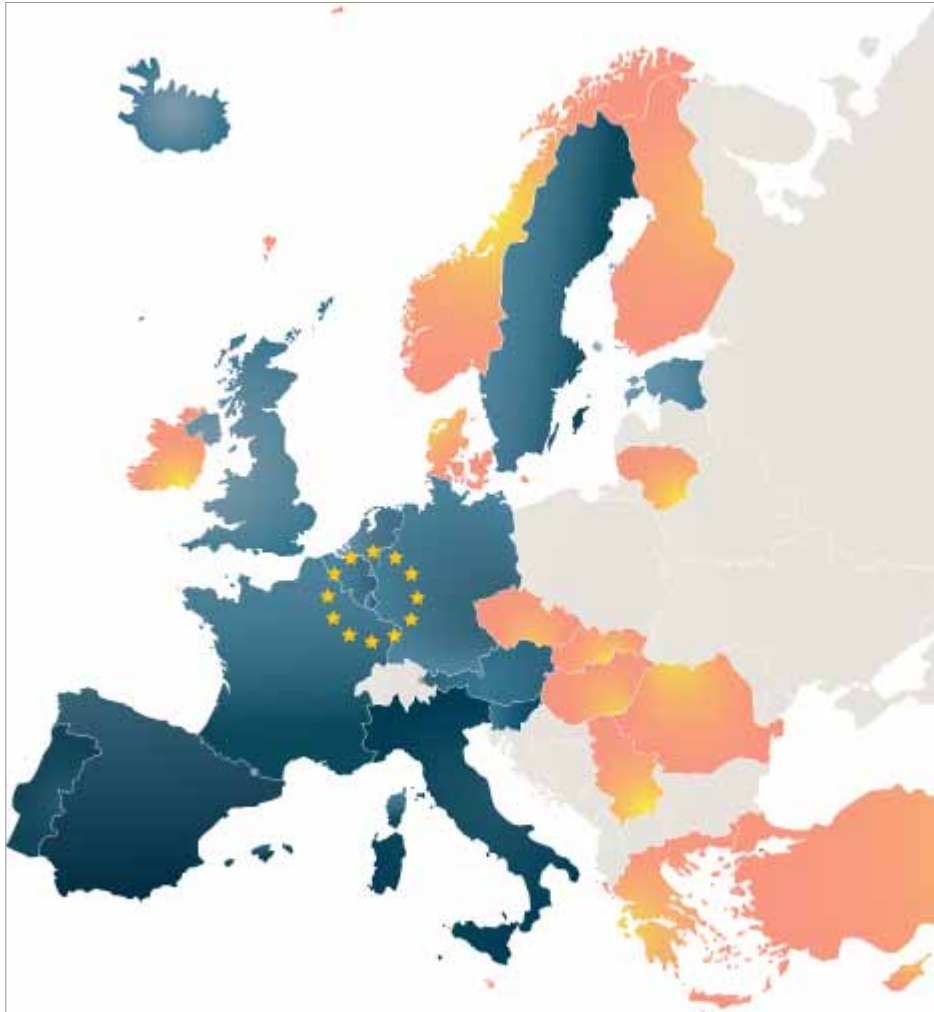
To simplify administrative formalities by providing secure online access to public services across EU borders.



Our Mission:

To develop and test common specifications for secure and mutual recognition of national electronic identity (eID) between participating countries.

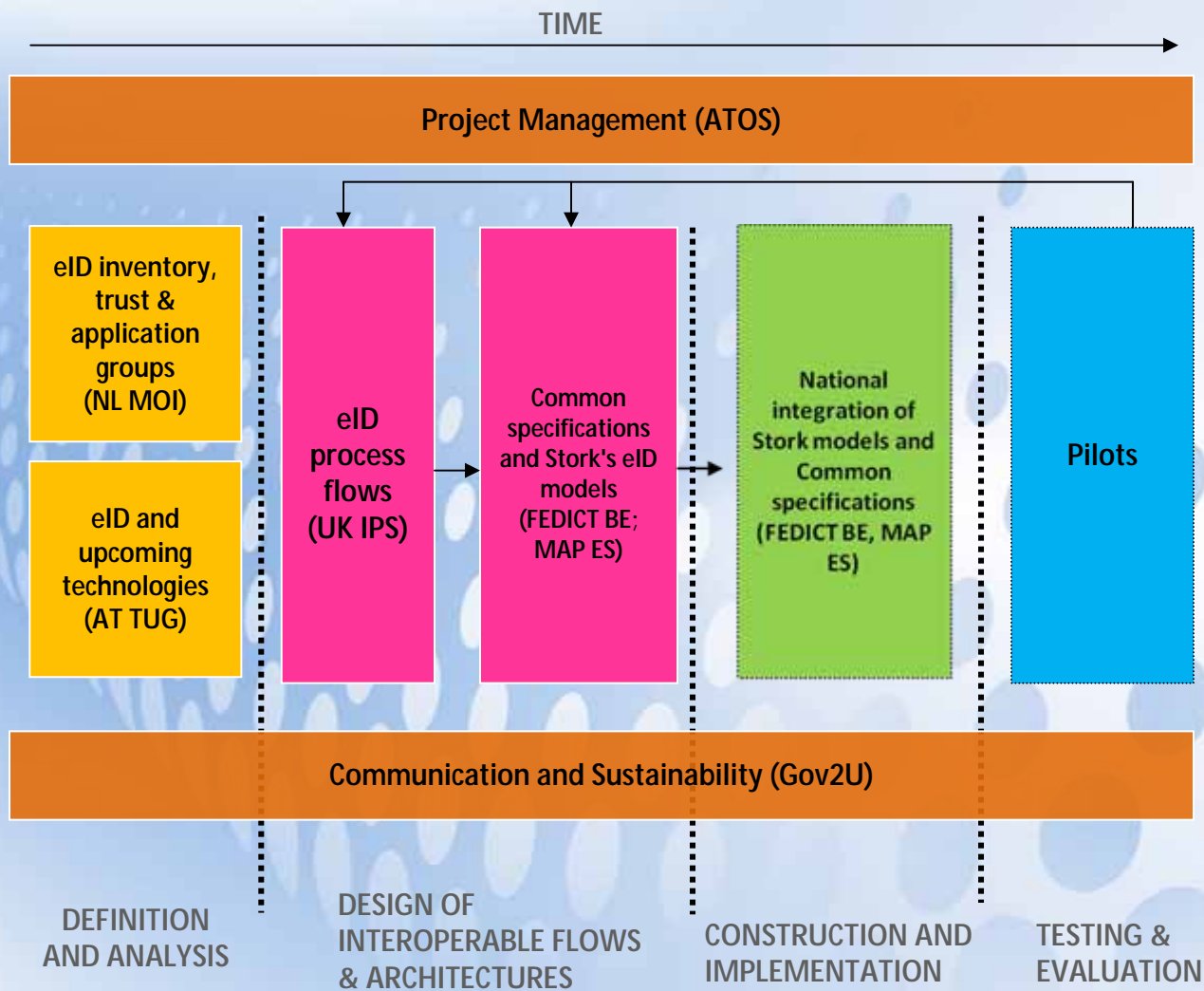
STORK – Member State involvement



Member States/EEA - STORK

Member States Ref Group

Project's structure



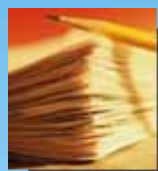
STORK – Roadmap “the way ahead”

Feb 09

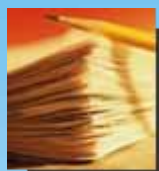
May 09

May 10

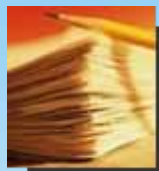
May 11



Framework mapping
Legal interoperability
priority technologies



Quality authenticator scheme
eID PROCESS FLOWS



Functional Specs

Functional
Design

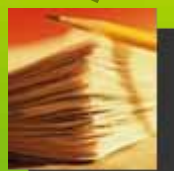
Technical
Design

common functionalities
specific functionalities

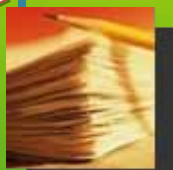
Construction &
Implementation

Exploitation

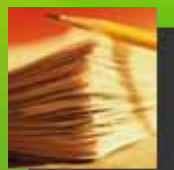
Evaluation



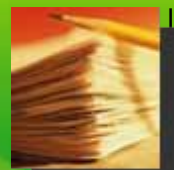
Assessment on common
specifications on eID



Cross-border authentication platform



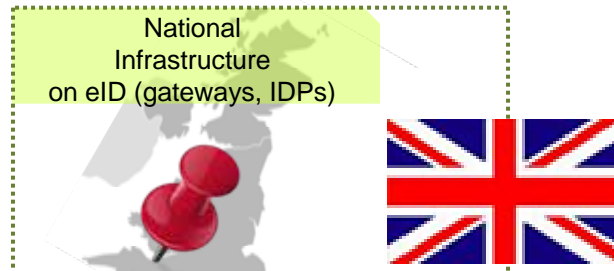
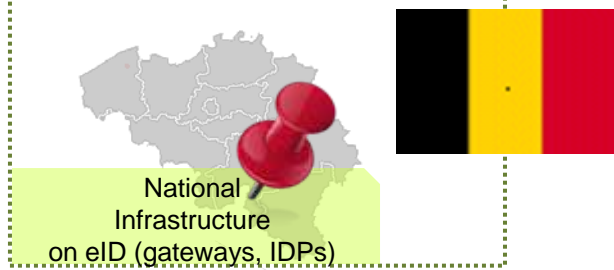
Tech Specs



Implementation

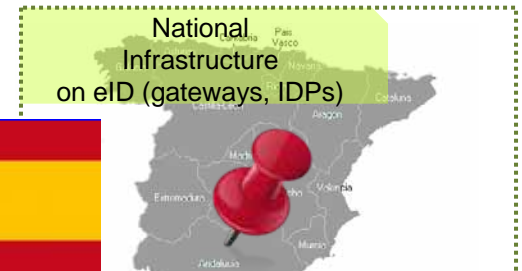
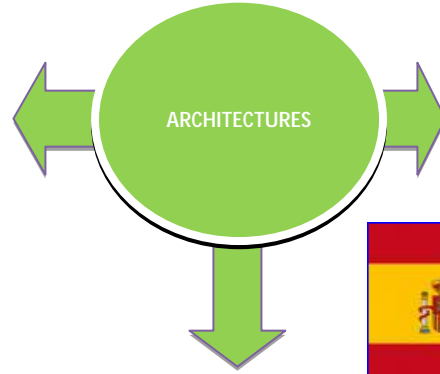


STORK – our challenge



Definition of interoperable Architectures on eID

How to build a European eIDM framework?



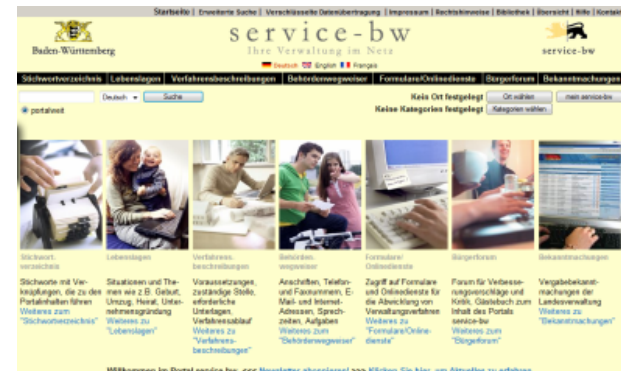
STORK – High Level Architectural Approach 1



Easy integration at the Service Provider with smart-cards as means of eID



Middleware



STORK – Making Governments to co-operate



Pilot milestones



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- Progress of the pilot during the first six months of life, assessment and finalization.
- Interoperability testing at MS level
- Interoperability testing for pilot

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Providers, ID Providers for each pilot

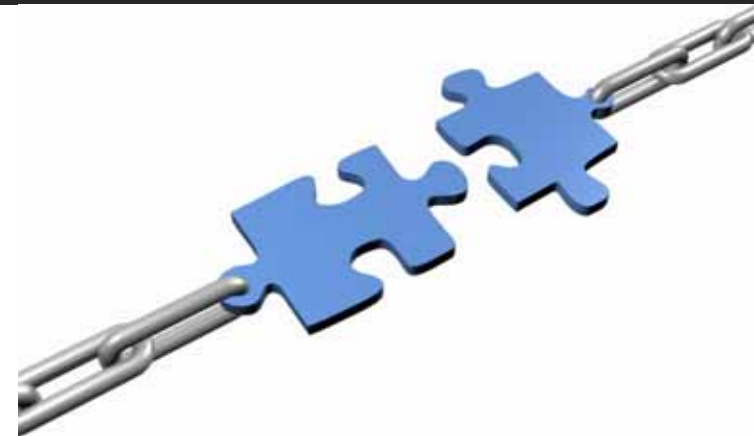
STORK Pilot 1 – Cross border authentication



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 1 – Cross border authentication



Progress to date:

- Defined Use Cases
 - ✓ eID Credentials
 - ✓ Trust Levels
- Attributes required by Service Providers
- Attributes available from the Identity Providers
- WP 6.1 Project Plan
 - ✓ Scope, High Level Milestones
- WP 6.1 Project Management Plan
 - ✓ Work Breakdown Schedule
- Trust Mapping Document
- Portal for links will be via www.eid-stork.eu

STORK Pilot 2 – safer chat



Objective:

To build a platform for safer online environment where people can communicate on-line using their eIDs.

Progress to date:

- A drafted project plan is ready
- Possible chat applications/environment have been identified (eTwinning framework)
- Use cases have been drafted (special focus on kids and teenagers):
 - Safer chat rooms for kids
 - Educational packet on safer Internet use

STORK Pilot 3 – eID Student Mobility



Objective:

To facilitate student's mobility across Europe.

Progress to date:

- A drafted project plan is ready
- Information collection on e-services provided by Universities and authentication mechanisms commonly used --> To establish a common body of knowledge for the discussion of the pilot's use cases.
- Identification of Universities' Roles
 - Service Providers (SPs)
 - Attribute Providers (APs)
- Two Use cases have been identified
 - Students access to University services
 - University validates information from University of Origin

STORK Pilot 4 – eID electronic delivery



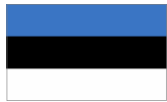
Affiliate MS



Objectives:

- To demonstrate cross-border electronic delivery based on the existing domestic infrastructure
 - Scope = to provide a concept for an interoperable e-delivery framework.
- Concentrate on identity related issues
 - deal with the e-delivery process in general
 - focus on how to identify and authenticate involved entities in all phases of e-delivery.
 - Legal aspects are addressed in an analytic way.

STORK Pilot 4 – eID electronic delivery



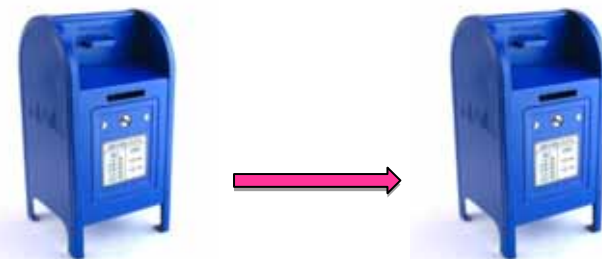
Affiliate MS



Progress to date:

- Definition of the pilot has been developed;
- Currently in the information gathering/specification phase by:
 - ✓ analysing the existing e-delivery systems of AT/SI/LU
 - ✓ a workshop is envisaged in April
- Development of the interoperability architecture/concept is under way.

STORK Pilot 5 – EU Citizen Change of Address



Objective:

To test the electronic process of address change of EU citizens that move abroad to other MS.

Progress to date:

- **Detailed definition of the EU Citizen Change Of Address process**
 - ✓ Information flows that support the notification of all affected public bodies (within EU boundaries) as a result of a single change of address request by a citizen (authenticated using his/hers eID)
 - ✓ Identification of the legal constraints that had to be observed in each country
 - ✓ Draft specification of the EU Citizen Change of Address process
- **Specification of Address Canonical Data Model**
 - ✓ Each MS contacted the national public bodies impacted by the Change of Address process, in order to identify the information needs (described through the questionnaire) to be satisfied by the Address Canonical Data Model
- **Specification of Change of Address Service Provider and User Interfaces**
 - ✓ Description of the characteristics of the user interfaces that each MS plans to deploy in order to support the Change of Address process.

STORK – community



STORK – eID interoperability



THANK YOU FOR YOUR ATTENTION

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