

STORK PRESENTATION



Frank LEYMAN

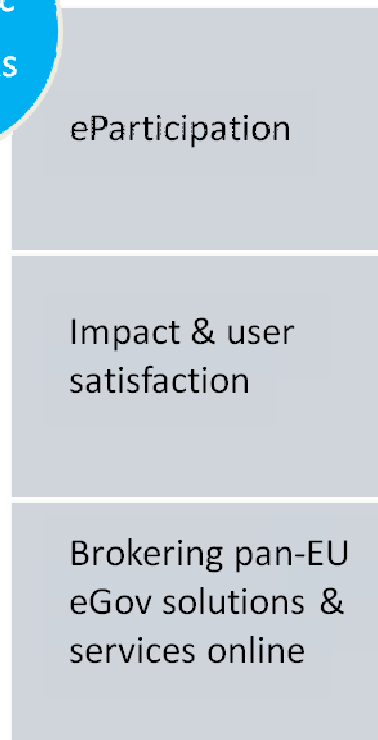
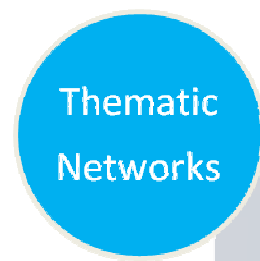
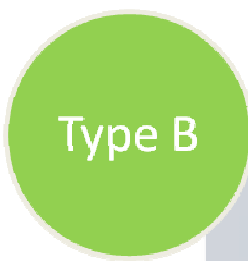
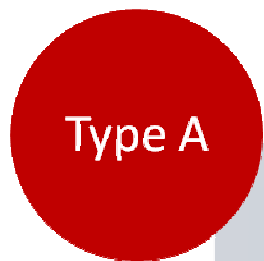
Manager International Relations

07/04/2009



Stork is an EU co-funded project INFSO-ICT-PSP-224993

eGovernment objectives (ICT-PSP call 2007)



STORK

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.

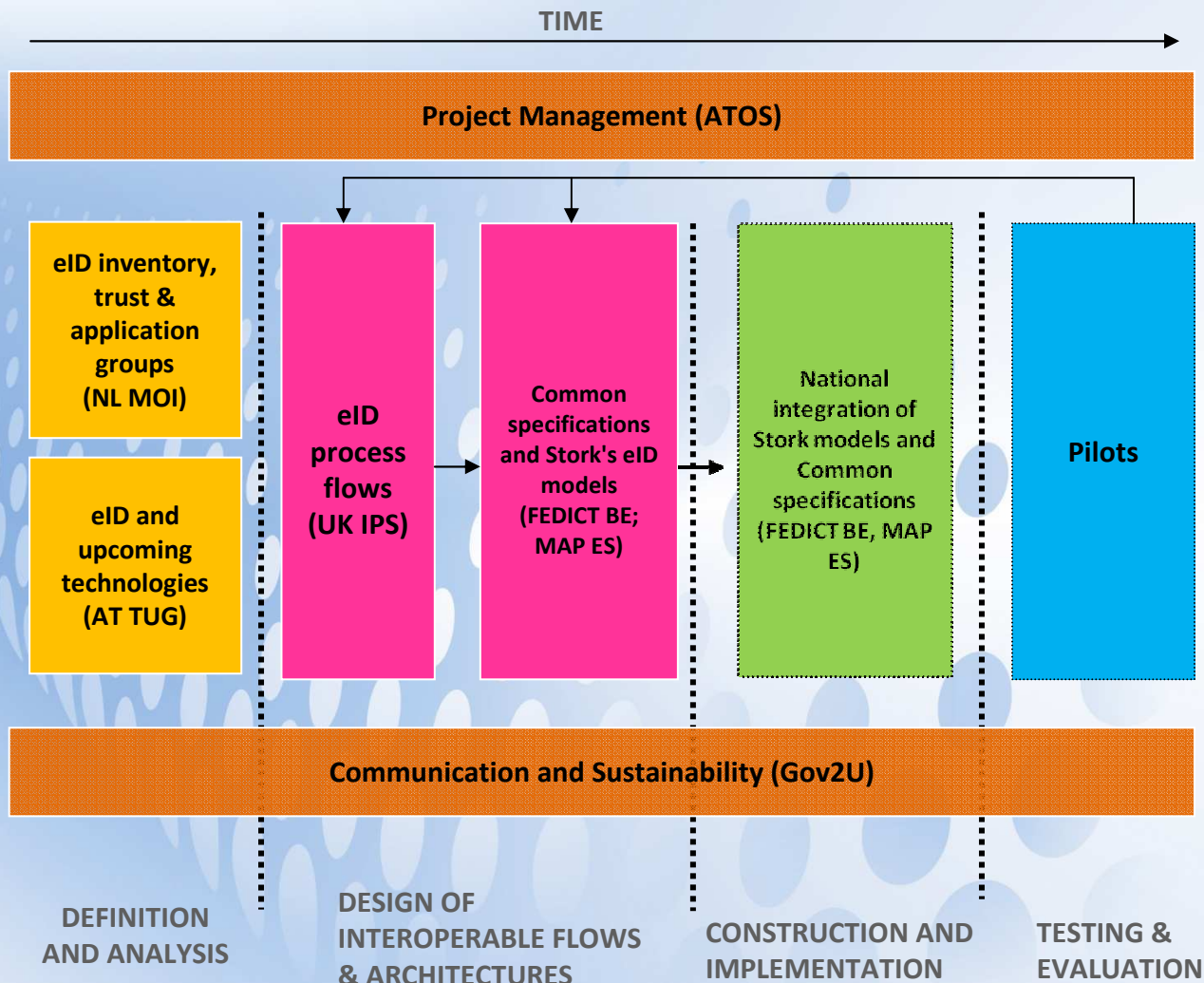
STORK – Member State involvement



Member States/EEA - STORK

Member States Ref Group

Project's structure



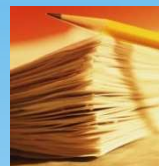
STORK – Roadmap “the way ahead”

Feb 09

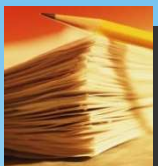
May 09

May 10

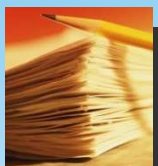
May 11



Framework mapping
Legal interoperability
priority technologies



Quality authenticator scheme
eID PROCESS FLOWS



Functional Specs

Functional Design

Technical Design

Construction up to implementation of common functionalities
Construction up to implementation of specific functionalities

Construction & Implementation

Exploitation

Evaluation



Assessment on common specifications on eID



Tech Specs



Implementation

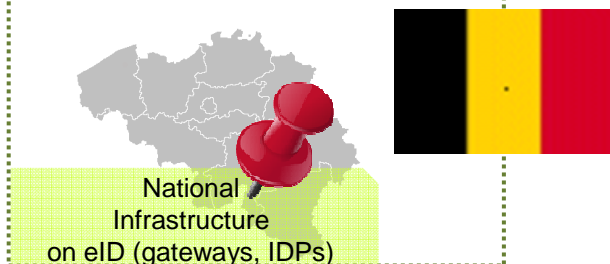
Cross-border authentication platform



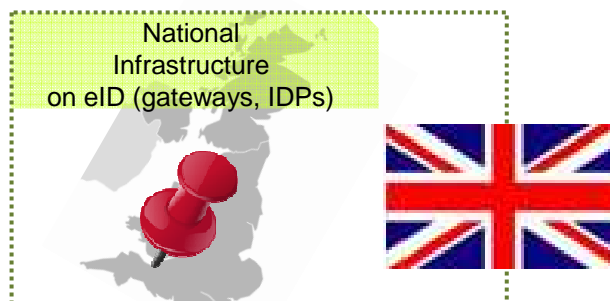
STORK – our challenge



SERVICE PROVIDERS



National Infrastructure on eID (gateways, IDPs)

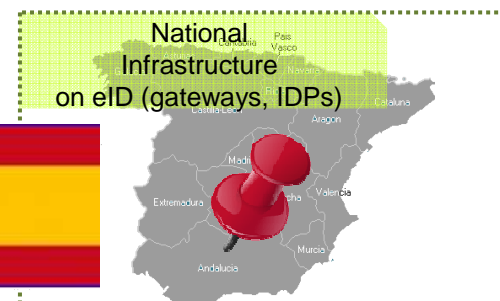
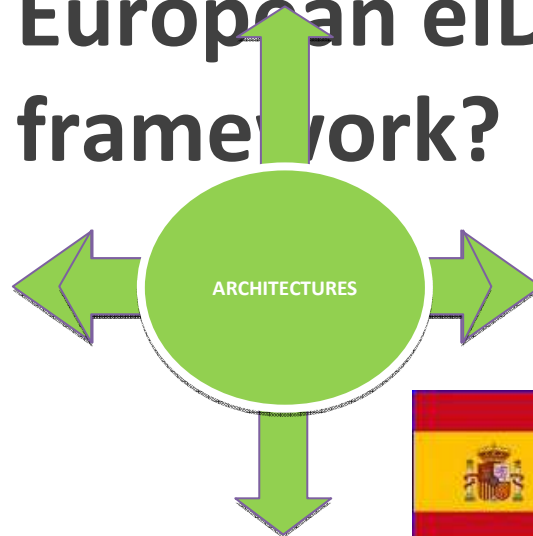


National Infrastructure on eID (gateways, IDPs)



SERVICE PROVIDERS

Definition of interoperable Architectures on eID
How to build a European eIDM framework?



National Infrastructure on eID (gateways, IDPs)



SERVICE PROVIDERS

STORK – High Level Architectural Approach 1



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



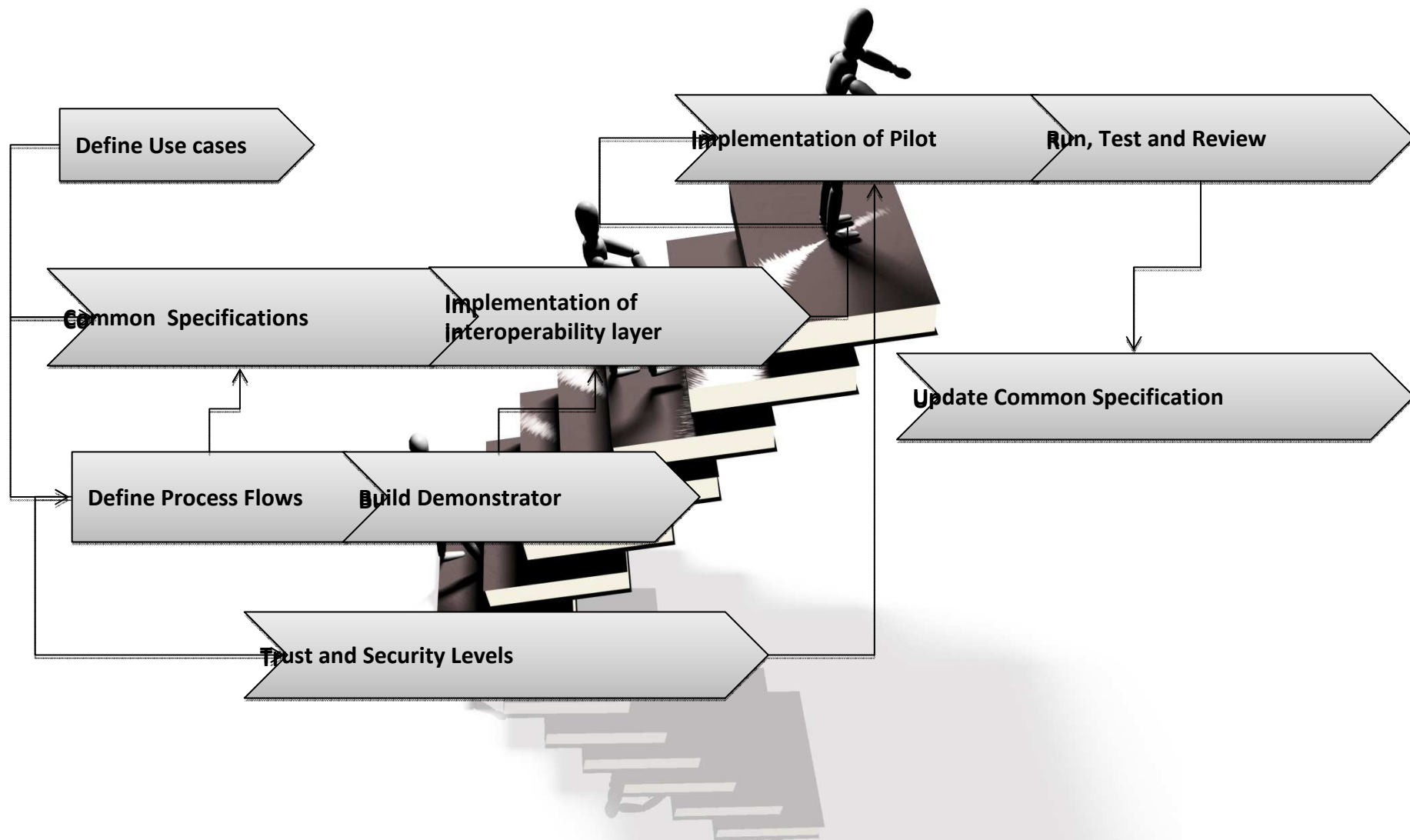
Middleware



STORK – Making Governments to co-operate



Pilots - Relationship with other WPs

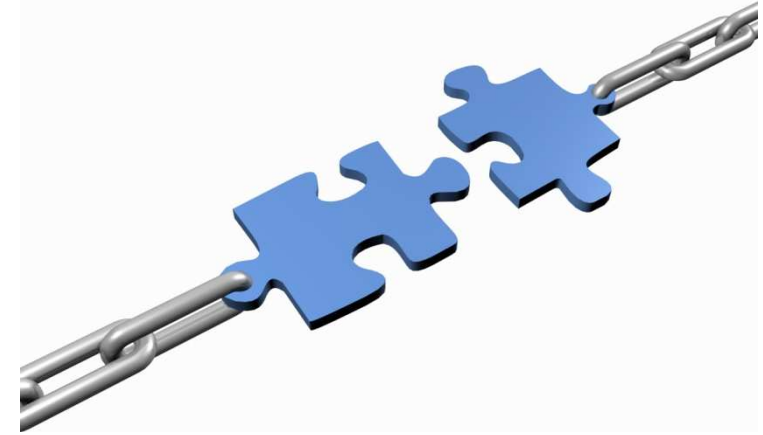


Pilot milestones



- 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

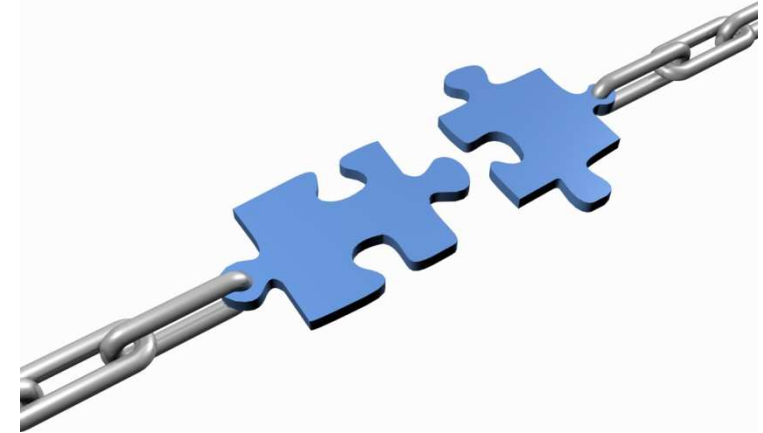
STORK Pilot 1 – Cross border authentication



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
 - Students access to University services and University validates information from University of Origin

STORK Pilot 4 – eID electronic delivery



Affiliate MS



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.

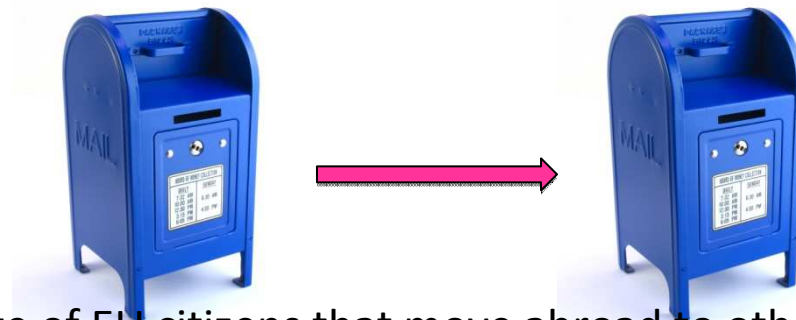
STORK Pilot 4 – eID electronic delivery



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



Over 550 members

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, Agilesoft, 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.

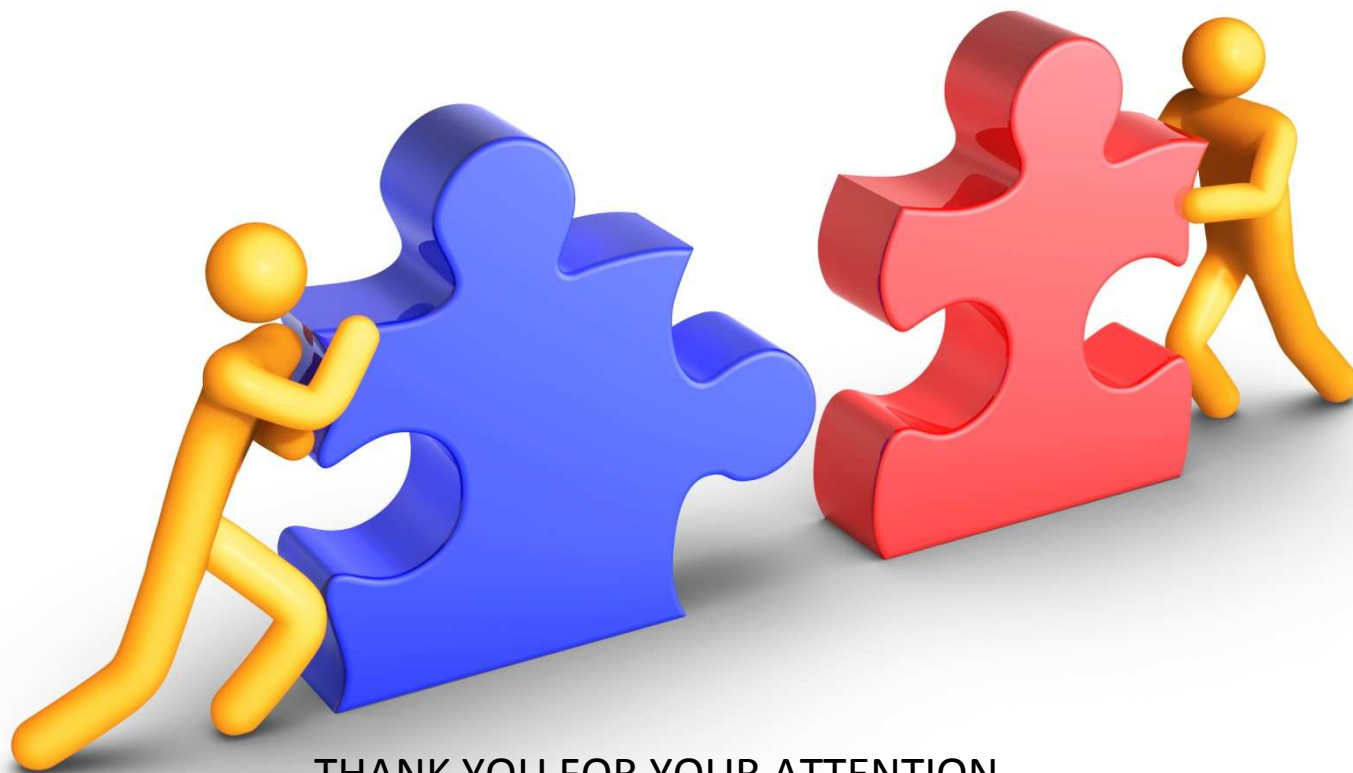


Members to date:

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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