Motivation

- eID – as other ICT – develops at incredible pace
- We know that eID can take multiple forms ...

... but can we know all of them?
**STORK on upcoming technologies**

**Challenge:**
- Not to lose connection to upcoming developments

**Objectives:**
- Grasp and keep track of relevant technologies
- Monitor new developments
- Compare to STORK’s common specifications
- Assist and feed into adjacent activities
STORK technology list, so far

Done:

- European Citizen Card
- Trust Federation and Identity Frameworks
- Information Cards
- SAML
- Minimum disclosure
  - e.g. U-Prove
- eID Middleware
- Signature Trust Verification

In progress, planned:

- eID and Mobile Phones
- Trust Federation and Identity Frameworks
- RFID and NFC
- Trusted Computing
- ICAO Documents
- COTS Handhelds
- Set-Top Boxes
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Four examples of studies, findings, or demonstrators will follow....
**STORK – European Citizen Card**

**Objective:**
- Analysis / Overview of eCard API
- Prototype of ECC SAL

**Results:**
- ECC and eCard API overview
- ECC SAL API demonstrator
- Gained experience with ECC
Objective:
- Overview of actual SAML usage

Results:
- Based on a questionnaire to STORK Member States
- Better understanding of SAML usage Member State’s future planning
  - e.g. versions or profiles
Objective:
- Contribute to standardisation (OASIS IMI)
- Overview of Information Cards status

Results:
- Technology Overview
  - Microsoft CardSpace, Higgins Project
- Participation in / contribution to OASIS IMI
  - e.g. algorithms, affirmative statements
STORK – Next steps

In progress:
- Mobile eID overview
- Smartcard-based eID comparision
- Netc@rds

Near future:
- RFID and NFC
- HPRO

Beyond that:
- to be defined
STORK – Roadmap “the way ahead”

- **Initial list Priorities**
  - 1st Work-Items

- **2nd Work-Item Block**
  - **D3.2** Delivered to Industry Group
    - Feedback is welcome
    - *in particular from industry*

- **Public review, Consolidation**
  - **D3.3** Final study
    - Will amend D3.2 by add. findings

- **More documents**
  - **D3.2** Delivered to Industry Group
    - Feedback is welcome
    - *in particular from industry*

  - **D3.3** Final study
    - Will amend D3.2 by add. findings
Conclusions

- Sustainable results are aimed by monitoring “what is out there”
- Examine how upcoming technologies fit our common specifications and where the gaps are
- Industry input helps us, as you are at the ones that implement eID now and beyond STORK
STORK – eID interoperability

THANK YOU FOR YOUR ATTENTION

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