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Scoping Digital Identity for the next decade

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Building On Success

- The SSEDIC Network continues to be active.

- During the three years of SSEDIC it became a well-recognized name across the EU, USA, Russia and Asia as being an important, international eID stakeholder network with a broad membership of eID experts.

- Many SSEDIC members wish to continue the activities and SSEDIC continues to receive requests from individuals and organizations wishing to join and contribute to the network

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Towards 2020

- During 2014 SSEDIC.2020 was considering how to build on that community to further promote the ideals of a trusted European Digital Identity Community contributing to Europe's economic growth.

  - Providing a series of short white paper on important topics related to eID (and existing SSEDIC themes)

  - Providing advisory and project validation services

  - Promoting international liaison and knowledge sharing

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Mobile Devices - an existing SSEDIC theme

- Mobile devices are the most rapidly increasing medium for carriers for eID and/or eID verification

- The small number of embryonic alliances and industry groupings are either too niche or further the interests of specific market sectors.

- It is essential that an expert network is established to provide a high-level forum for the proliferation of proprietary solutions which are not interoperable or portable. SSEDIC.2020 will continue to build on the its community and previous recommendations on mobile eID, to provide and expand that function:
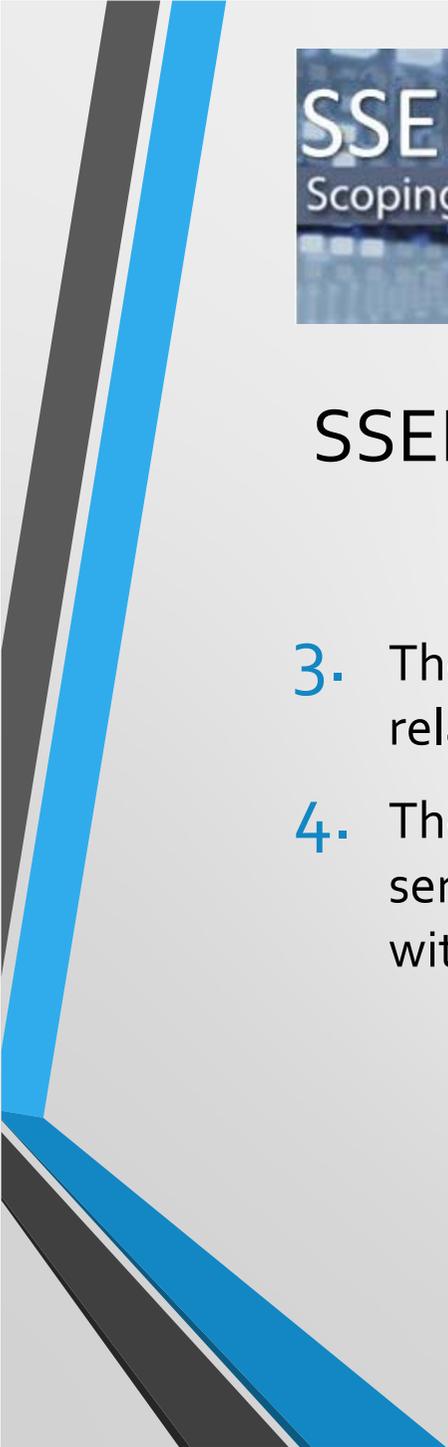
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SSEDIC Mobile Recommendations for eID (1)

1. EC Member States should be *encouraged* to accept Mobile eIDs, (either server-centric or device based) as being an acceptable and 'Notifiable' credential for e-Government use.

2. The EC should stimulate faster mobile eID and mobile signature take-up by rewarding fast adoption

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SSEDIC Mobile Recommendations for eID (2)

3. The EC should review Mobile eSignature / Wireless PKI standards relating to eIDs as soon as possible.

4. The EC should ensure that all citizens are able to access eGov services via mobile devices regardless of contractual relationship with mobile providers. (similar to emergency calls)

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SSEDIC Mobile Recommendations for eID (3)

5. The EC should invest in research of suitable multifactor authentication mechanisms using personal mobile devices.

6. The EC should invest in a coordinated approach to education in identity domains such as internet, telecommunications, citizens-eIDs, Travel, Health etc.

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Promoting International Liaison and Knowledge Sharing

- Based on its ' DIBEAU' Global Partner Initiative, SSEDIC.2020 will foster cooperation between an increasing number of stakeholders to:

  - Develop a truly global vision for mobile identity

  - Encourage global information and best practice sharing

  - Promote global standardisation and interoperability for mobile identity

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SSEDIC.2020 Initial Work Themes

- Strategic actions plans responding to eIDAS and SSEDIC recommendations for

  1. government and EC encouragement

  2. private sector adoption

  3. harmonizing mobile authentication mechanisms suitable for eID use (FIDO etc.)

  4. coordinated approach to education in the mobile identity domains
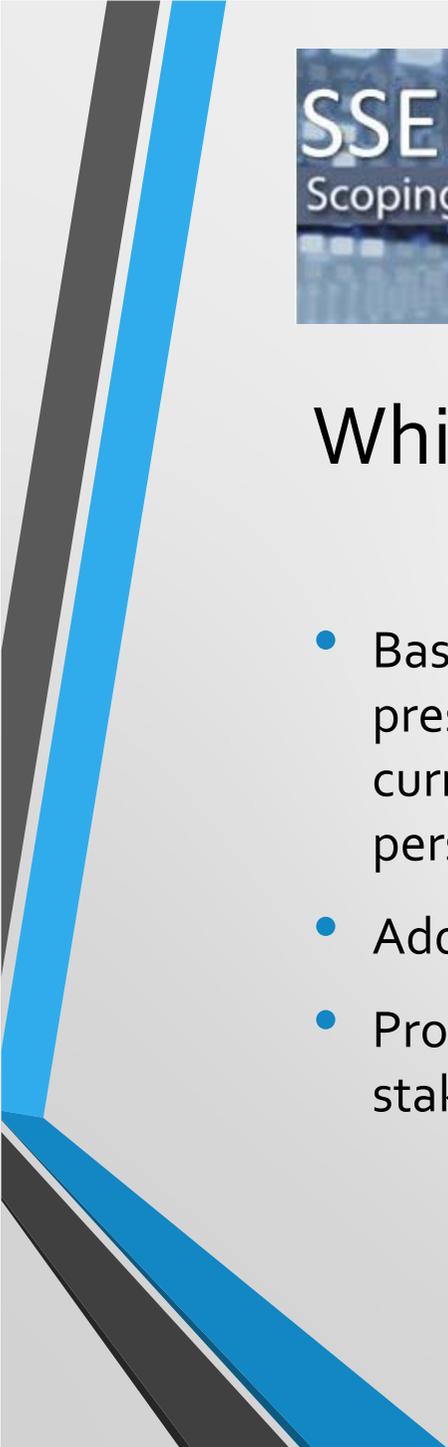
Contributions

Received:

- Case Study Mobile eID and eSignature in Austria (ASIT)

- Mobile eID from a business perspective: European automotive industry (FHG)

- Mobile eID in the FutureID project

- Mobile eID in standards and in private sector security applications (Inuit)

Forthcoming:

- Mobile eID and signature for mobile payments (SAGE)

- Mobile eID and eSignature in Estonia (ASK)

Looking for further contributions !

White Paper Structure

- Based on the input received:
  present a collection of individual contributions describing the current status of mobile eID from various stakeholder perspectives

- Add executive summary of findings and observations

- Provide strategy recommendations for a number of target stakeholders

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Snapshots: Mobile eID in the automotive sector (Fraunhofer IAO)

"[…] we can note that sharing of data, services and application is commonplace in the European automotive industry. However, the development of adequate measures securing this interconnectedness, especially from an identity management perspective, seems to be lagging behind. This becomes especially visible in the mobile sphere. **Mobile phones are widely used to access (sensible) data but are rarely integrated into adequate systems for identity management.** Hence, **mobile electronic identity management is apparently underdeveloped in the European automotive industry** which leaves this key industry vulnerable to IT-security threats."
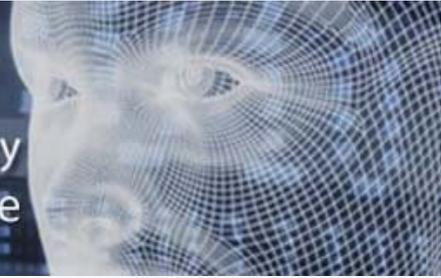
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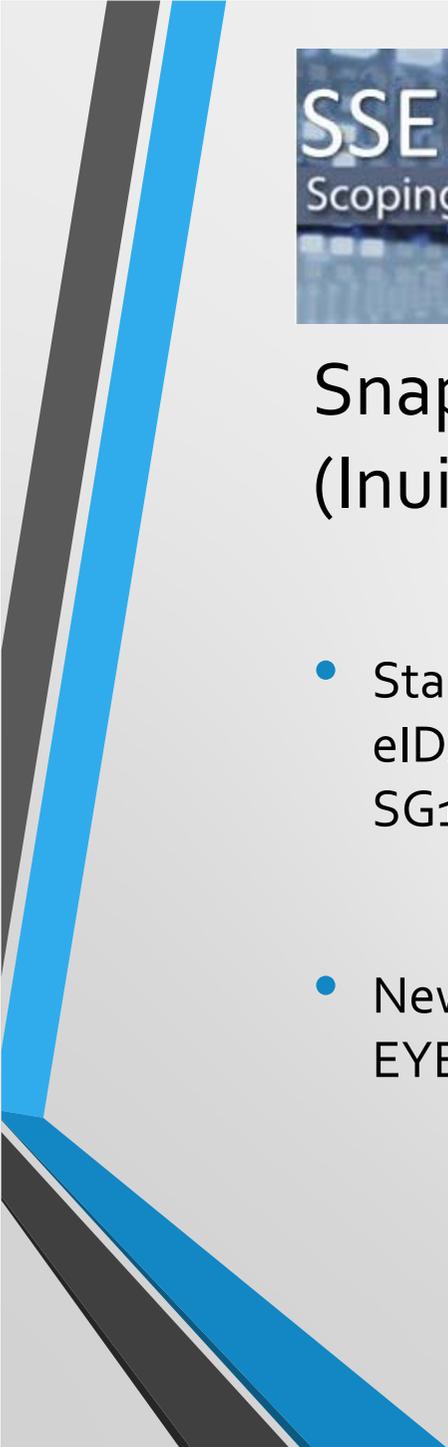
Snapshots: Case Study Mobile eID and eSignature in Austria (A-SIT)

Austria: Active e-cards and mobile eID
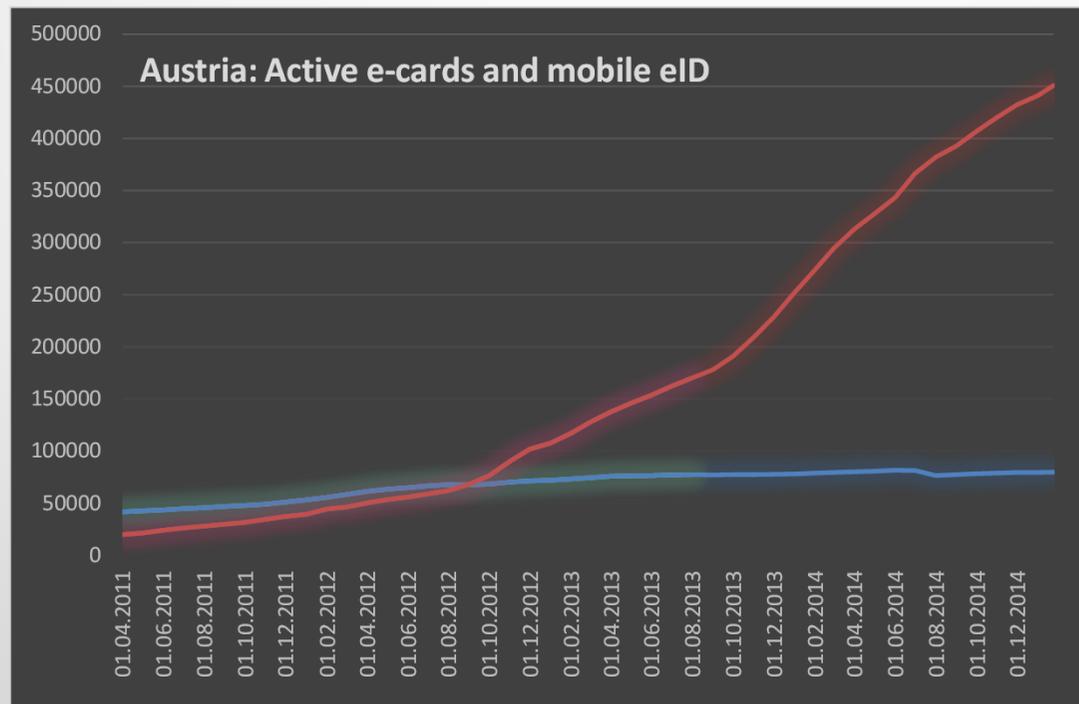
Source: Herbeit Leithold, A-SIT

Snapshots: Standards and new technologies (Inuit)

- Standards and Regulation: "mobile eID" specific aspects in: eIDAS, NSTIC, ETSI GS INS 003 V1.1.1 , ISO/IEC 29003, ITU-T13-SG17-C-0118, ITU-T X.1251

- New Technology Ovarien: FIDO, NOK NOK LABS, IDENTITYX, EYE VERIFY, APPLE, and others

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Reference materials:

- National Mobile ID schemes (Gemalto 2014)

- Telco Opportunity: Become Trusted Identity Brokers (Ovum 2012)

- Exploring the Role of Mobile in Digital Identity Assurance: Outcomes from the UK's first mobile network operator alpha trial (OIX 2014)

**Please let us know about other relevant materials!**

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Timelines

- Kick-off: OID Summit, Nov. 4-5, 2014, Stuttgart

- Online working shops (monthly)

- Informal discussion of project status and lessons learned and possible conclusions:
  Trust in the Digital World, February 25-26, 2015, Madrid

- Depending on Progress: Presentation of Strategy Documents at Digital Enterprise Europe, June 2015 (London) or
  ISSE October, Berlin, October 2015
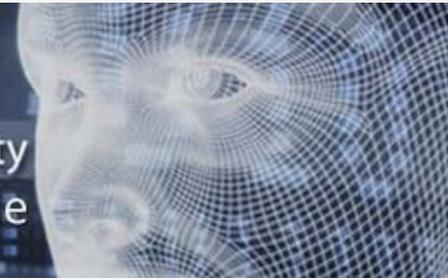
Initial Supporting Organisations

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