



Borderless eGovernment Services for Europeans

European Ministerial eGovernment Conference
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Seamless foreign eID integration in Austria before and with STORK

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Presentation Outline

- A little cross-border eID history
- Austrian Citizen Card Basics
- STORK integration challenges
- Success story
- Challenges ahead



A little history

- February 2006: Austrian presidency
 - “eID for Europeans” Conference Badge
 - Legally valid eID for all attendees
- June 2008: STORK kick-off
 - A vision, but no clue that time, where it will lead to ...
- November 2011: Polish presidency
 - Light at the end of the tunnel?



Austrian eID system “Citizen Card”

- Operational since 2005 with ...
 - Unique, sector-specific identification based on Population Register
 - Qualified electronic signatures
 - Systematic approach for mandates and representation
 - Foreign eID recognition with QES and Supplementary Register
- Experience led 2008+ to: Reduce complexity
 - Simplify registration
 - Abandoned security levels
 - Minimum footprint via new technologies
 - Just-in-time provision of representation



The STORK integration challenge

- When a pilot meets established and operational legal foreign eID recognition
 - No flexibility to assume “just a pilot”
 - Need to fulfill the law, e.g. not going below QES
 - Liability needs to be clear
 - Seamless integration of STORK and non-STORK MS
 - Support services beyond the pilot scope

Home country selection

België/Belgique ▾

België/Belgique

Eesti

España

Ísland

Italia

Lietuva

Österreich

Portugal

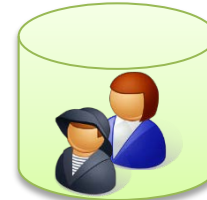
Slovenija

Suomi

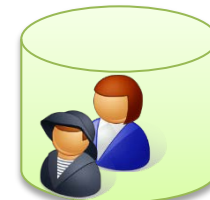
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Existing technical infrastructure

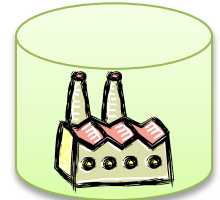
- Infrastructure Level



Population Register



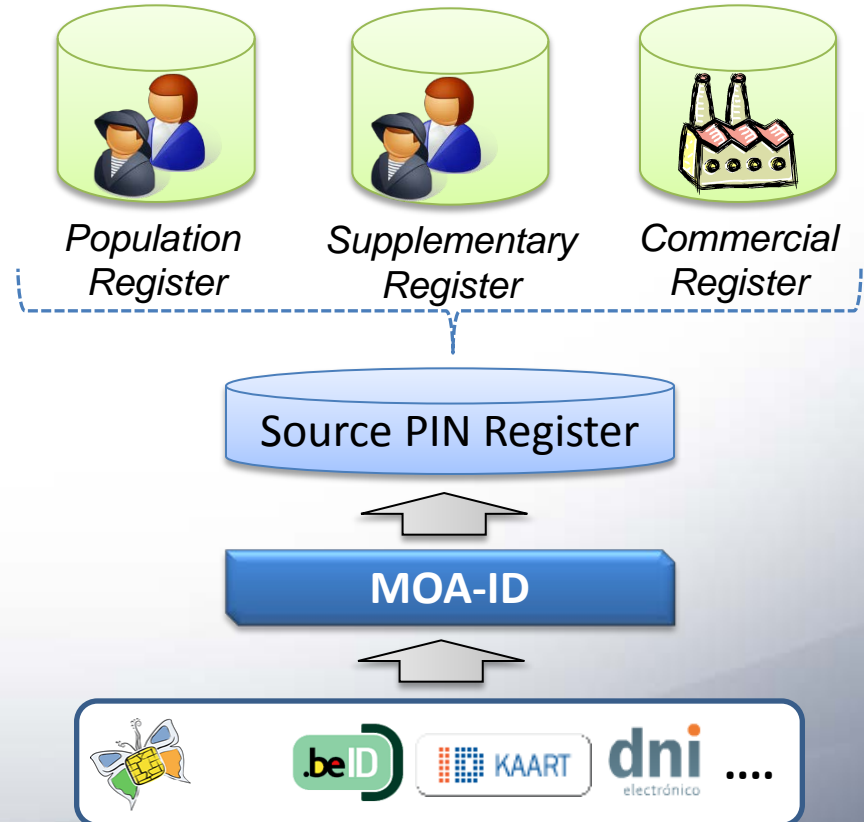
Supplementary Register



Commercial Register

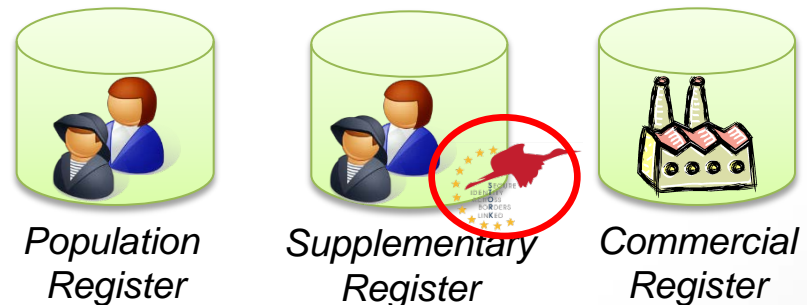
- Support Module Level

- Service Provider
- Citizen Middleware



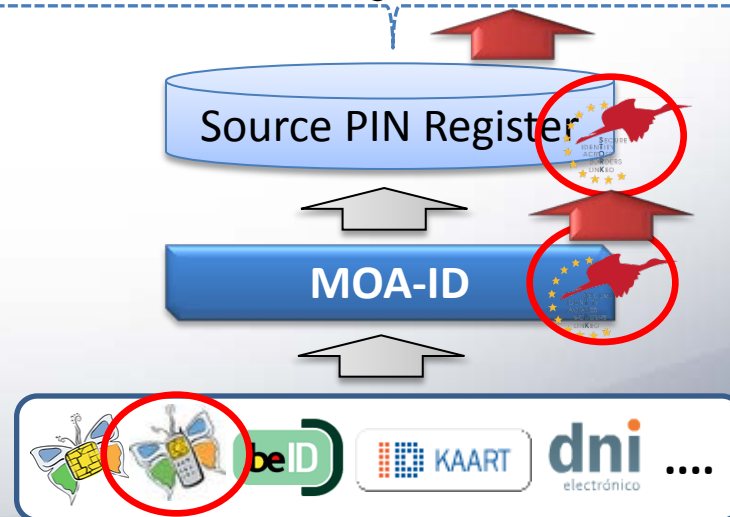
Existing technical infrastructure

- Infrastructure Level



- Support Module Level

- Service Provider
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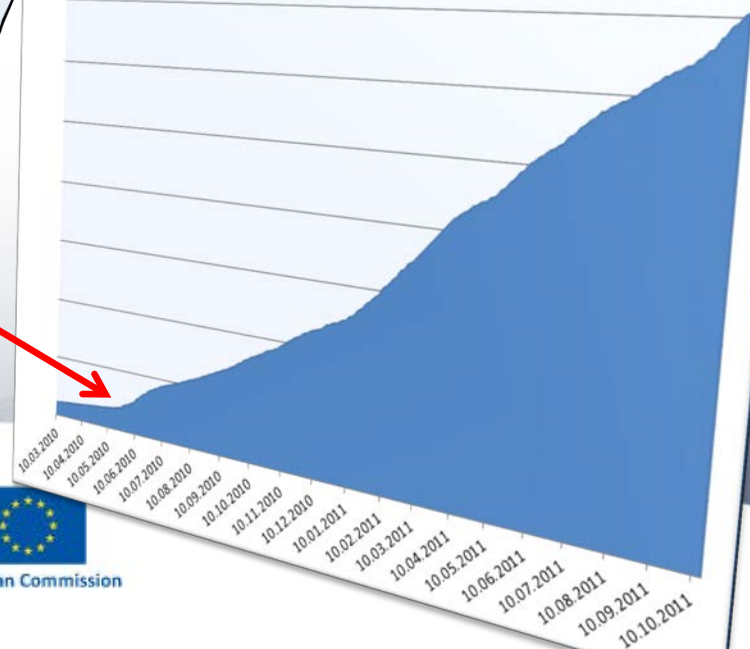


Success story mobile phone signature

- Developed during STORK
 - Zero-footprint full-fledged eID
 - Qualified electronic signature
 - No changes on phone or SIM
- Key success
 - Started piloting Q3 2009
 - Full production integration in major Austrian applications (tax) in May 2010
 - Outperforms smartcard eID activation since January 2011



Activated Mobile Phone Signatures



Challenges ahead for the next five years

- Lacking policy measures
 - Legal recognition
 - Reciprocal foreign eID acceptance and integration
 - Governance structure
- We started with eID in eGovernment for citizens, but lack
 - eID for private sector applications
 - Representation of businesses
 - Mandates and professional representation
- eID in the Cloud



Conclusions

- We achieved a lot in the last five years
 - Major eID deployments in EU MS
 - Technical interoperability via STORK
- We need to take further steps
 - Legal recognition, as given for qualified signatures
 - eID in private sector applications
 - Representation
- Is using eID cross-border simple enough?



Scoping the
Single
European
Digital
Identity
Community





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Thank you

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