



eID in eGov

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Outline

- What is an eLD?
- What is it used for?
- What does it require?
- Who has it?
- Recommendations
- Conclusion

What is it used for?

- Official online and offline identification
- Official electronic signature of documents (digital signatures)
- Hence many applications:
border control, online payment, health ID, government applications (e-voting, taxes, ...), privacy control, authenticated e-mailing, ...

What does it require?

- National PKI (initial heavy cost)
- Integrated chip (or unsafe RFID) technology
- Debate on ID storage

Who has it?

- Austria, Belgium, Estonia, Finland, Italy, Netherlands, Spain and Sweden
- New: Germany (unsafe), Romania
- German case
bad choice: RFID
demonstration from the CCC
(Chaos Computer Club)

Recommendations

- Arab countries (as well as LDCs) issues
 - money & technological knowledge
- India anecdote

Recommendations

- No money for a technology on the verge of being replaced
- Avoid unnecessary research
(wait that safe technology becomes available : no RFID, integrated chip is better)
- Know what your country needs!
good idea: PKI & eID
bad idea: Biometric Passports

Conclusion

- eID is good and useful for both governments and their people
- New infrastructure needed (initial cost)
- Save money and time on the long term
- Be smart, follow recommendations ;-)

Questions?