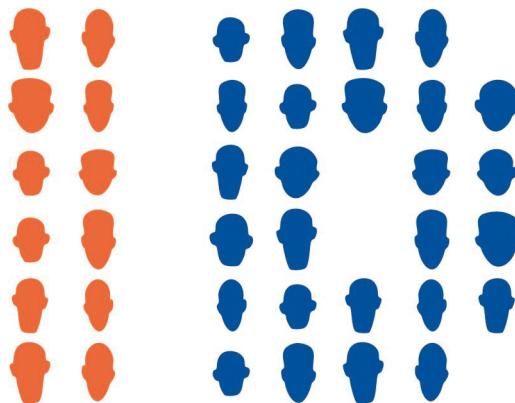


Service/solution

Electronic identity on national ID cards.

A service model to other countries is preferred. A new national CA can be introduced within 6 months, with full documentation and separate setup.



Benefits

As a mandatory document ID card has brought the possibility of electronic identification and digital signing to all citizens. Resolved the chicken and egg issue in PKI whether services must be before the user base or vice versa.

Electronic ID card has enabled the wide usage of Digital signatures, e-elections and significant raise in the security level of on-line transactions.

References

All governmental services have to enable access using ID card to the citizens. ID card as a standard authentication method is present in all e-banking applications in Estonia which shows the acceptance level in private sector as a whole.

History, Facts and Future Development

- 2002 start of issuance. Within 5 years more than 75% of population already had the electronic Identity.
- 2009 the usage of electronic identity had reached $\frac{1}{3}$ of the applicable population. About 40 000 digital signatures are given daily.



Technologies

Unicert CA

Budget and Price

2 million EUR per CA setup

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Republic of Estonia

Population – 1,34 million

Area – 45,228 km²

