



EMBASSY OF ESTONIA
IN DUBLIN

How to build trust in the digital society

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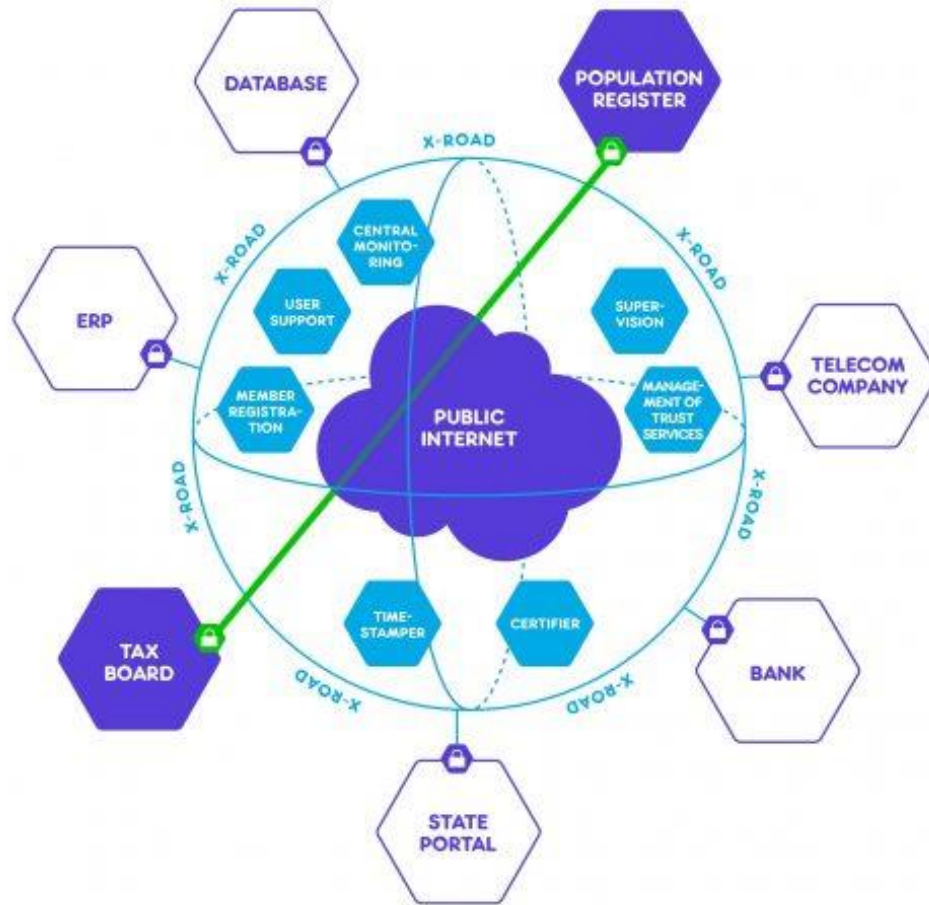
How we got started?

1996 Tiger Leap
First internet bank

2000 e-Tax filing
Digital Signatures Act
e-Cabinet

2001 Population Registry

2001 – X-Road



2002 - ID-card



Other components

- State portal
- Digital signature
- e-Registries
- e-Health, e-Prescription, e-School, i-Elections etc...
- e-Residency
- More at <https://e-estonia.com>

What about Data Protection?

1996: Personal Data Protection Act

1999: Data Protection Inspectorate – acts inter alia as the Data Commissioner

Principles for processing personal data:

- legality, proportionality, restricted use, security
- consent of the data subject unless otherwise provided by law

Challenges?

- **Cyber security** –
Keyless Signature Infrastructure (KSI)
Decentralized databases
Strong encryption
- **Human factor** –
Possibility to track processing of your personal data

What's coming next?

- First Data Embassy to be opened in Luxemburg next year
- **Estonian Presidency in the EU in 2017:**
Digital Single Market, incl free flow of data, cyber security strategy, ePrivacy and other files



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Thank
you!

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