
e-Estonia: open source based

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e-Estonia = digital way of life

- 116 mln digital signatures to date
- 95% of tax declarations done online
- 25% are e-votes in parliamentary elections
- Digital health record and e-prescription widespread



e-Estonia = digital way of life

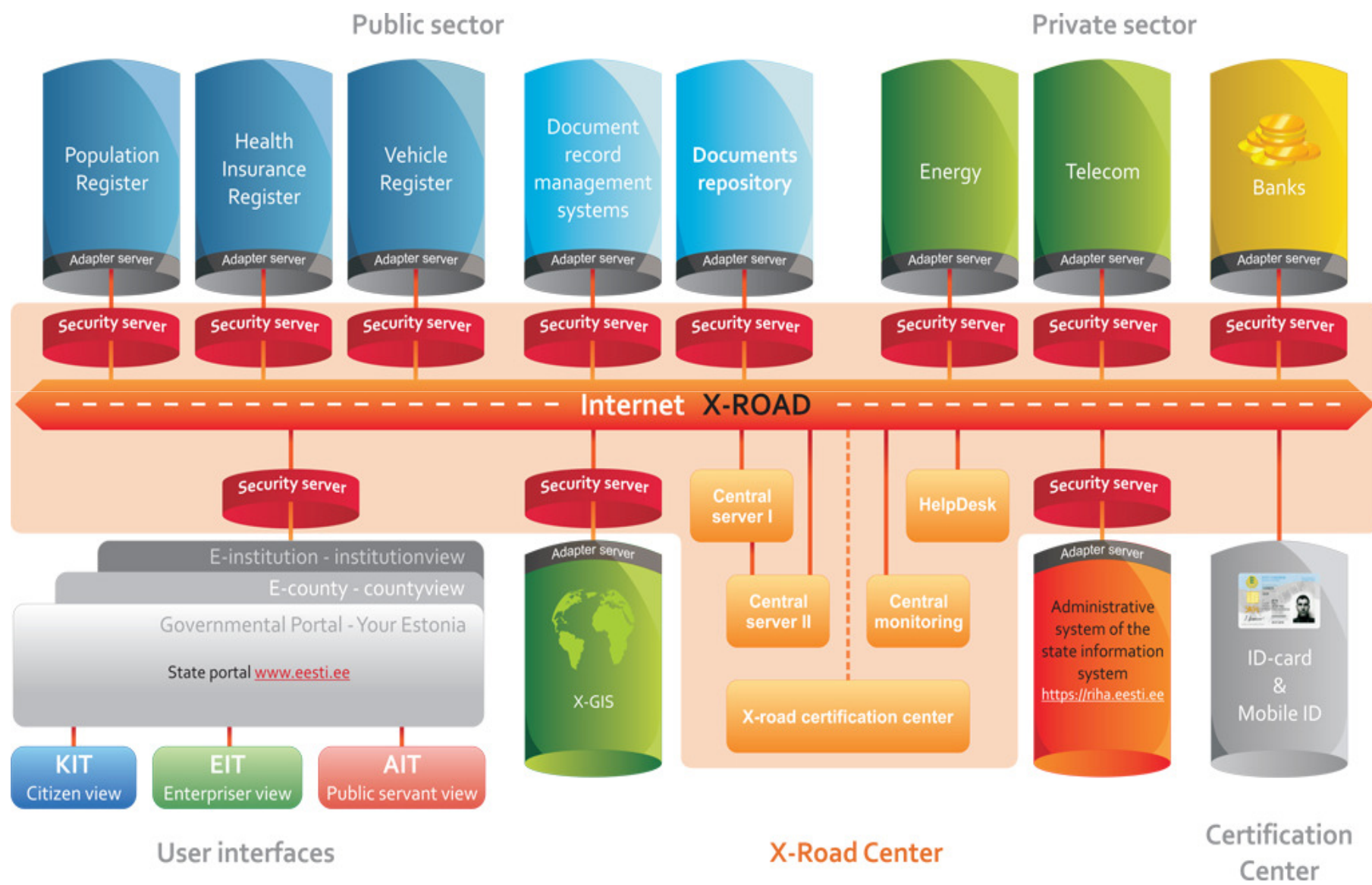
- **98% of companies** established and 100% of annual reports submitted online
- **90% of students** in e-School system
- **Paperless e-Cabinet** since 1999



3 ways how open source has led to e-Estonia

- 1. Co-developing** together with private sector
 - Putting in place **common architecture** based on open standards
 - 3. ‘Truly’ open source IT projects:** actual e-services and information systems
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Common architecture: X-Road for interoperability



Key projects all open source

- The code of all centrally financed, key IT systems is open (EUPL)
- Includes things like:
 - E-health systems
 - E-police and e-justice systems
 - National citizen and business portals
 - E-procurement and e-invoicing systems
 - Document exchange systems
 - Digital culture portals and systems



Why?

Clear benefits for e-Estonia:

- Cost efficiency – more bang for the buck
 - Innovation – best technological know-how as input
 - Sustainability – easier to switch developers
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Future plans: further openness

- New national ICT strategy currently in development
- Includes focus on wider reuse of existing solutions (repositories)
- Also strong emphasis on co-development of new e-services



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e-ESTONIA The Digital Society

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e-Estonia Components Case Studies

Safer Streets Through Technology Serving and protecting with the help of e-Police systems

Welcome to e-Estonia

"e-Estonia" is a term commonly used to describe Estonia's emergence as one of the most advanced e-societies in the world – an incredible success story that grew out of a partnership between a forward-thinking government, a pro-active ICT sector and a switched-on, tech-savvy population. Thanks to this success, Estonians and the Estonian state enjoy a wide range of e-solutions that those living elsewhere can only dream about, and their nation has become the example for others who wish to follow the same path.

Learn more about e-Estonia

About Estonia

Basic information about Estonia and our spirit of innovation

Learn More

Digital Society Components

e-Estonia is powered by a flexible network of interconnected data providers and e-services. Learn more about:

- Electron ID Card**
e-ID acts as definitive proof of ID in secure electronic environments
- I-Voting**
I-Voting allows voters to cast their ballots over the internet, from anywhere in the world
- X-Road**
Allows databases to interact, making integrated e-services possible
- Mobile-ID**
Allows a client to use a mobile phone as a form of secure electronic ID

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E-Estonia

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Ern, Kriis, Tarmo, Juhan, Kari, Triin, Hanna, Jaan

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e-Estonia out
yourself!

