



Riigi Infosüsteemide Arenduskeskus

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E-ESTONIA

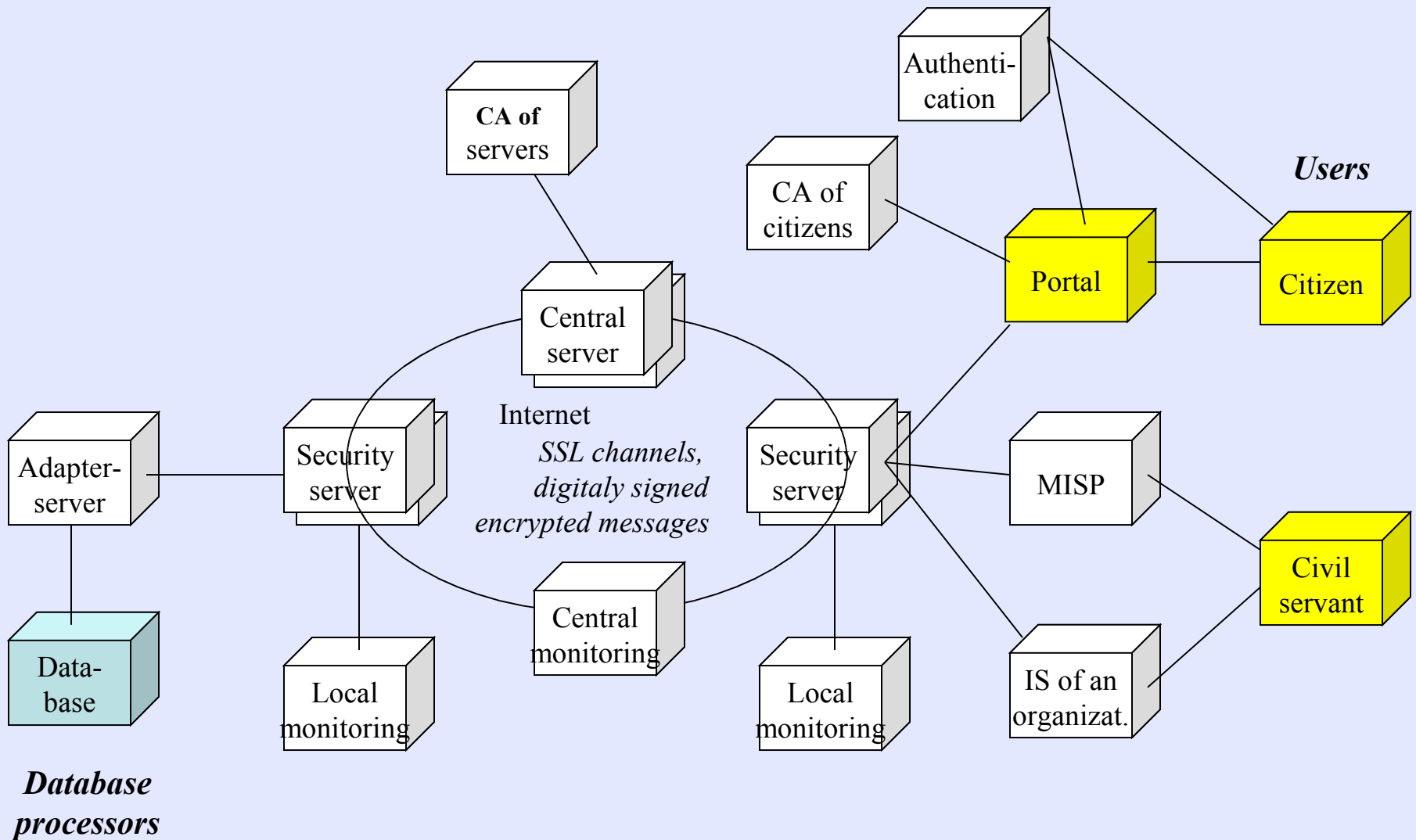
Estonian Informatics Centre

X-Road project

X-Road is a data exchange layer connecting the main public sector databases of Estonia

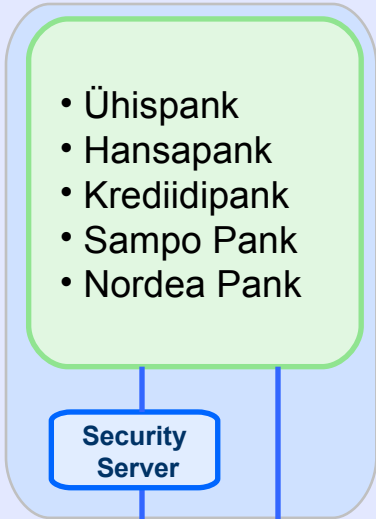
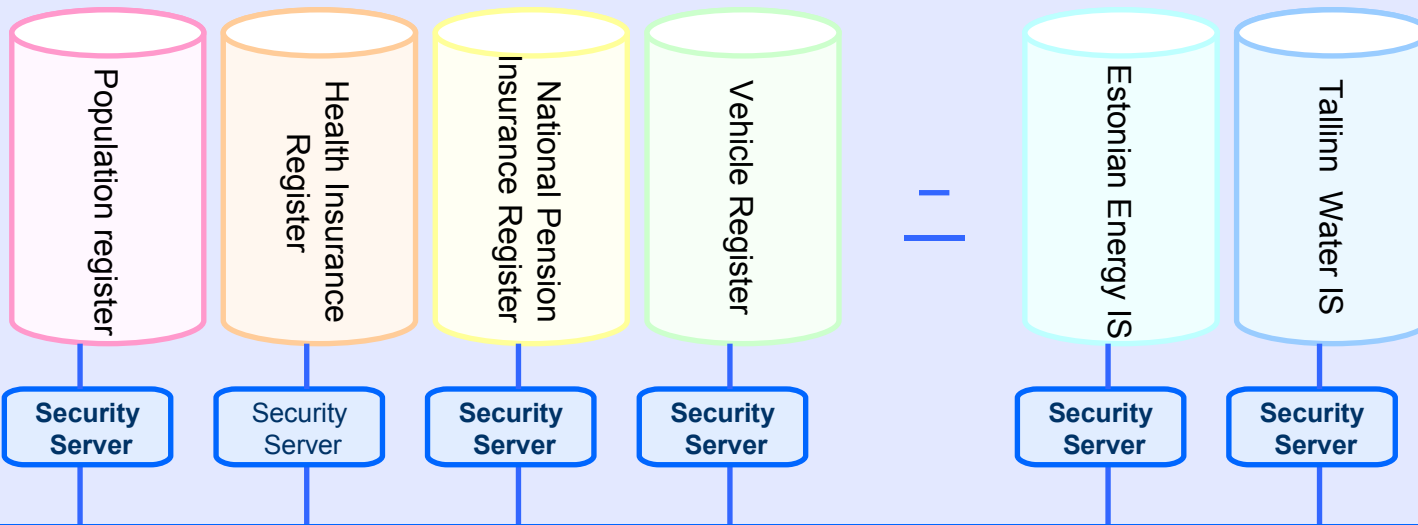
- Platform independent
- Secure
- Authenticates all users and hands out permissions
- Complete logs

X-Road functional scheme

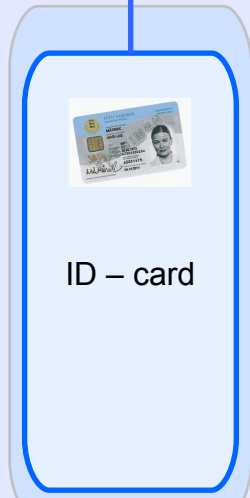
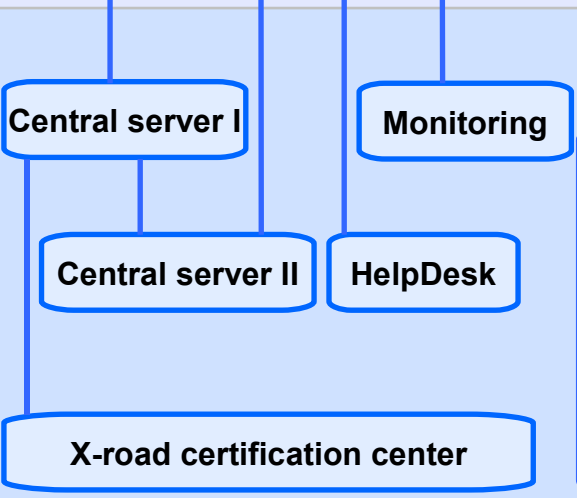
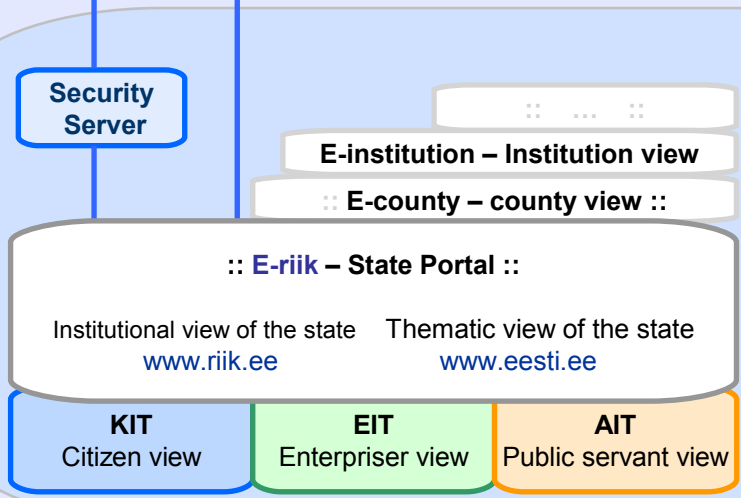


DATABASES / INFORMATION SYSTEMS

BANKS



Internet - X-tee

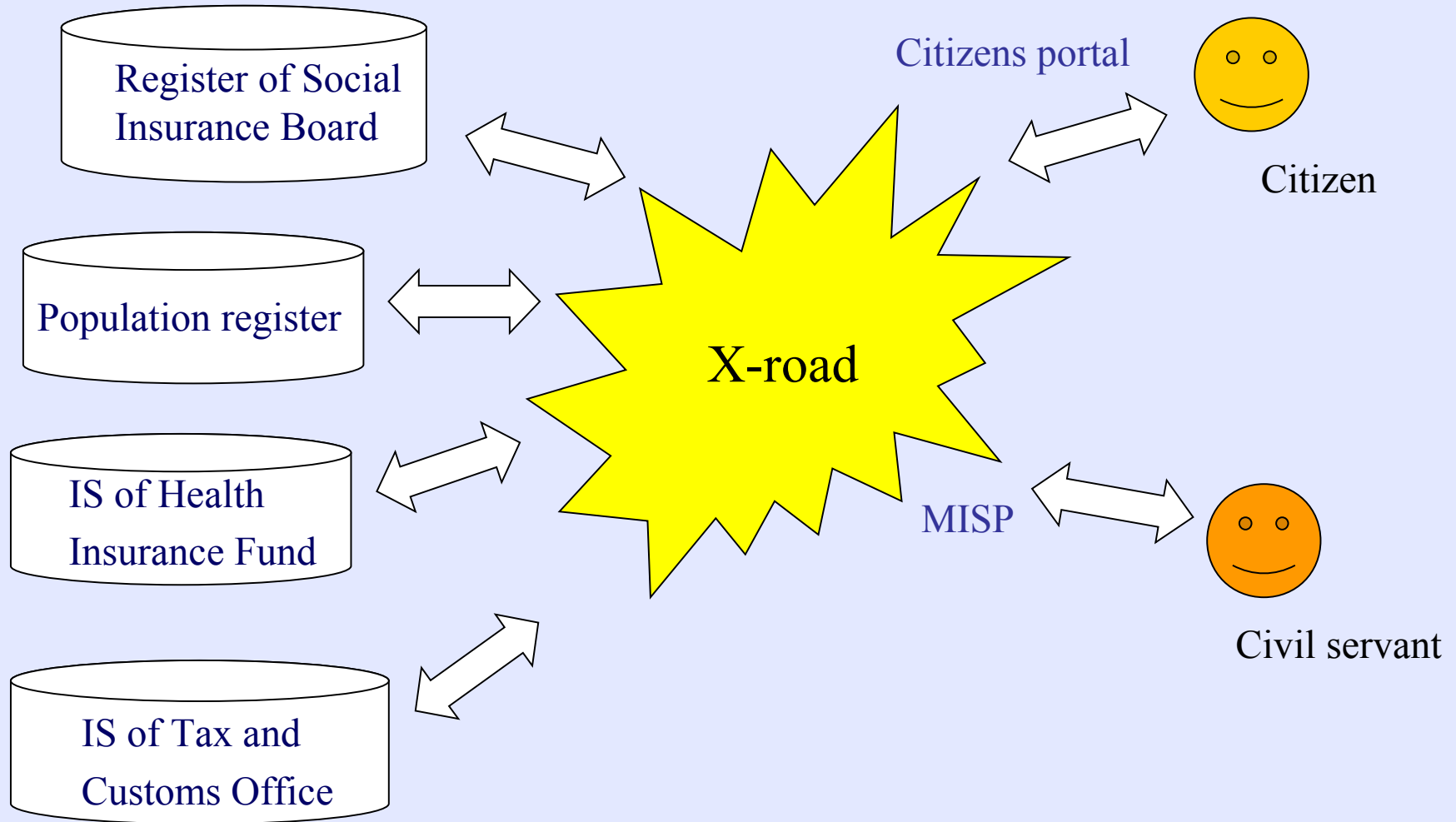


Tools centrally developed by the State

X-road Center

Certification Center

Parental benefit e-service



Statistics

41 Databases providing services

354 Institutions and companies using the services

687 different services

Number of queries made via thr X-road in 2004: over 7.75 million

In November 2004 X-road services were used over 1,5 million times.

Daily record of queries in 2004: 118 000 queries per day

Parental benefit services usage: 17.000 times and ~20M euros

E-School

- **Schedule**
- **Marks**
- **Home assignments**
- **Forums**
- **Graphs**
- **Reports**

65 school and cost about 100.000 euros

E-Ticket

ID card

Purchase:

- Direct debit**
- Internet bank**
- Mobile phone**
- Cash**

E-voting

January 2005 pilot eVoting:

– Location of Statue of Liberty

Local government elections September 2005

E-police

Personal data + passport/id card picture

Driving license information

Vehicle database (stolen cars ..)

Criminal records

Insurance

Car inspection



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Thank you!

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