RIK
Centre of Registers and Information Systems

Estonian e-Business Register

*Modern registries and sustainability

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Foundation of e-Estonia

- Strong electronic identity

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Digital signature helps every Estonian citizen save 5 working days per year.

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Foundations of e-Estonia

- Strong electronic identity
- Government data exchange platform X-Road

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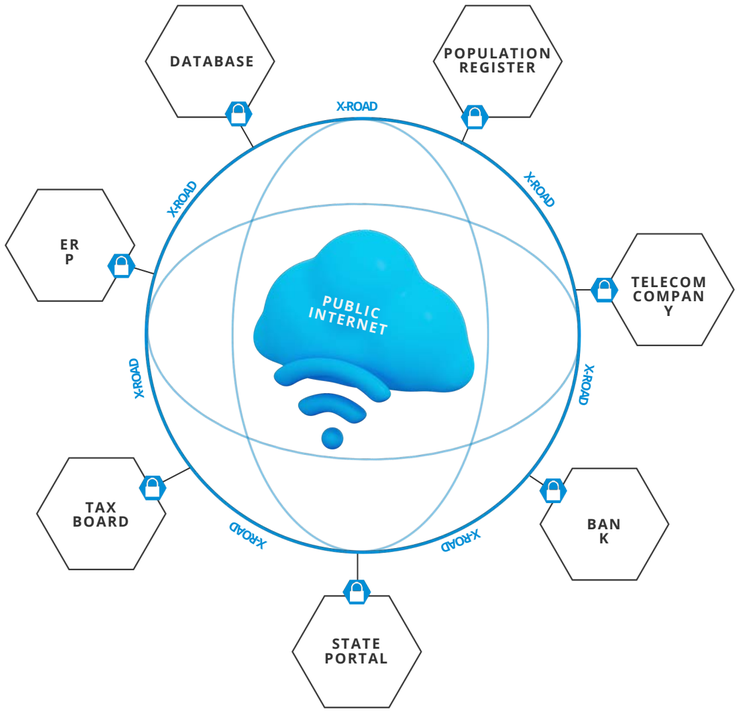
- Strong electronic identity
- Government data exchange platform X-Road
  - https://www.x-tee.ee/factsheets/EE/#eng
  - Nordic Institute for Interoperability Solutions (NIIS)
  - 21 ecosystems deployed by governments or other organisations
  - 250M end users worldwide
  - 134 countries represented in the x-road community



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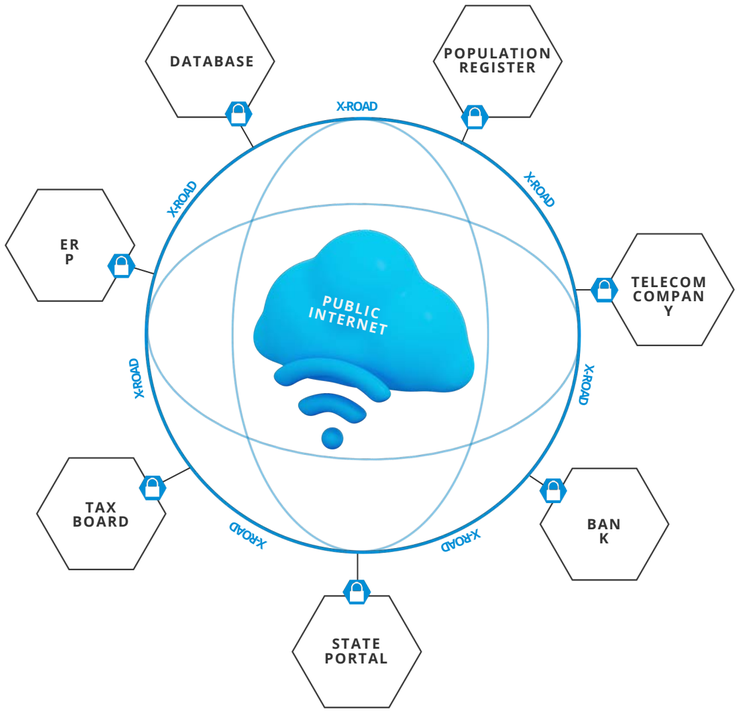
- Strong electronic identity
- Government data exchange platform X-Road

1800+ years working time saved by the X-Road

2,7B+ queries annually



Nordic Institute for Interoperability Solutions (NIIS) has set a long-term goal to make X-Road the most sustainable data exchange solution.

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Foundation of e-Estonia

- Strong electronic identity
- Government data exchange platform X-Road
- Once Only principle
- Digital-minded political leadership

Green digital government:
The aim of the green IT initiative is to reduce the negative impact of technologies by designing, producing, using and later processing technologies in an environmentally friendly manner.

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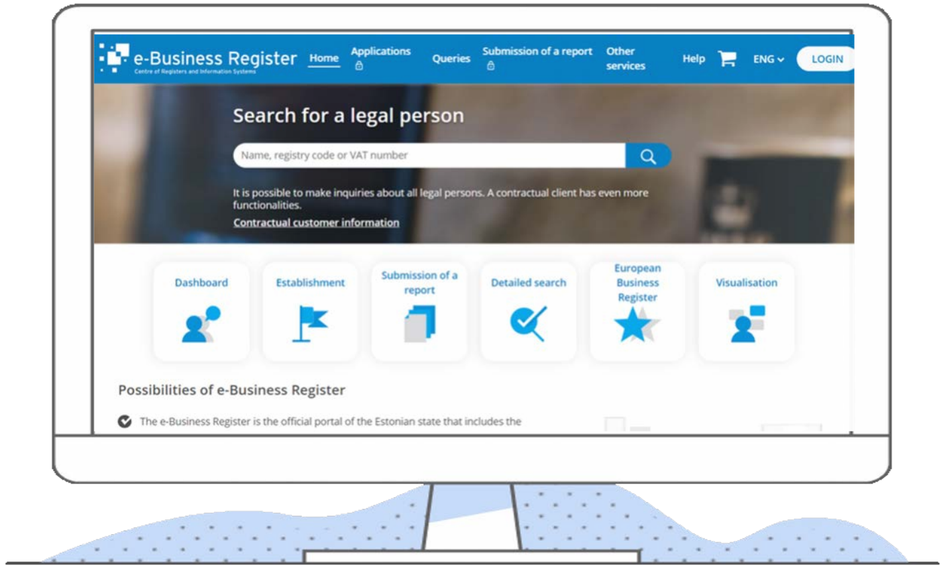
Business register of Estonia

- Under the Tartu County Court
- 349 000 legal entities
- Fully digital register: businessregister.ee
- All legal types in one system
- Open data (via portal, APIs, bulk download)



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Business register of Estonia

- All applications and annual accounts received electronically (structured forms)
- Registrars are assistant judges working remotely
- No counter service
- No paper archives
- Avoiding legacy
- Using and developing re-usable components:
  - Document Delivery Portal
  - Autentification and signing
  - Virtual Assistant Bürokratt
  - Feedback

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Mindset

- Looking for ways to achieve bigger wins with smaller effort
- Trying to create systems that are easy to use and simplify the process despite law requirements that might add bureaucracy
- Focus on smart and user-friendly solutions
- Design thinking process

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“Sustainable development is the development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

Gro Harlem Brundtland

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Seeing solutions instead of problems!

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