

# Cornerstones of e-Estonia

the coolest digital society

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a modest  
country that extends  
beyond  
its borders

- + population: 1.3 million
- + area: 45,339 km<sup>2</sup>
- + currency: Euro
- + member of: EU, NATO, WTO, OECD, DIGITAL 7
- + ICT sector: 7% of GDP
- + pathfinder in establishing e-society



# essential

Best secret weapons.

- + internet is a social right
- + every Estonian resident has an electronic ID
- + Estonians trust e-solutions:
  - 99% people use online banking
  - Given over 500 million digital signatures
  - unique i-Voting (33% are giving i-votes)

# Unique I-voting

Estonia is the only country in the world offering its citizens to cast legally binding votes over the internet.

- + I-voting carried out 9 times since 2005
- + Participation from 2% in 2005 to 32% in 2017
- + Widely used among all voters
  - 52% female, 48% male
  - Age 25 – 34: 25%
  - Age > 55: 25%
- + 5,7% votes from abroad
- + From 116 countries

# empowering

Easiest life: only getting married or divorced and selling real estate cannot be done online.

Yet.

- + 99% of services are online
- + Hassle free tax declaration
- + Only 18 minutes to establish company online
- + e-Residency – Estonian business environment & e-services for anyone anywhere in the world



# elaborated

Clear and honest principles.

- + once-only
- + digital by default
- + truth-by-design
- + secure data exchange  
over public internet



# TIME

The smartest digital solutions.

- + Seamless interaction between a person and a government
- + Things can be done for citizens automatically and invisibly
- + Time is the most valuable resource
- + Spending time on bureaucracy reduces the state's competitiveness and people's quality of life

# The cornerstones of e-Estonia

The safest combination.

confidentiality

ID-card & Mobile-ID  
Smart ID, e-Residency

Secure data  
exchange

X-ROAD

integrity

KSI Blockchain



# Unique Identifier

Personal Identity Code

- + Generated at first registration in population registry
- + Same from birth to death
- + Handled as open data
- + It is not an access key, It's just an identifier



# experiment

Smartest Mobility: from free public transport to self-driving vehicles.

- + First self-driven bus in July 2017
- + Starship door-to-door robot transport

