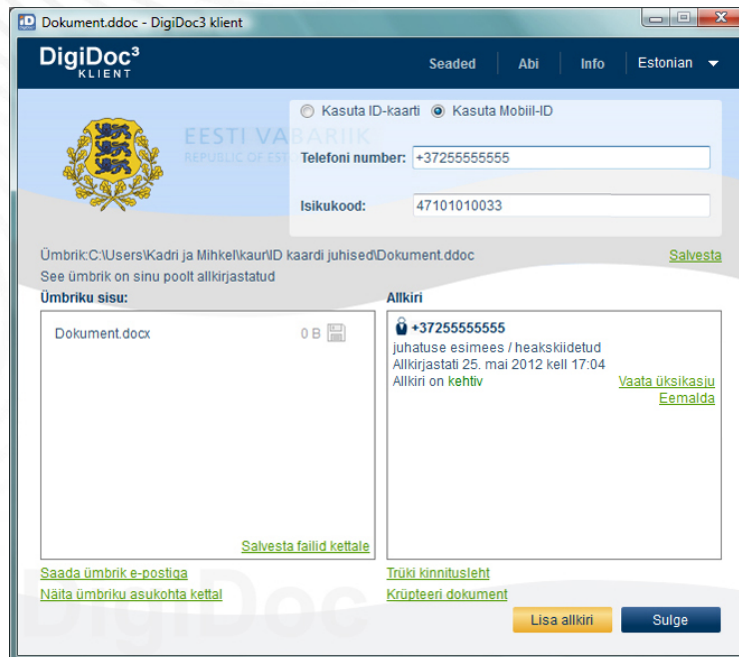




# **BENEFITS OF A DIGITAL LIFE-STYLE**

*For a more secure and safe world.*

# Efficiency for people



221+ million digital signatures to date

# Efficiency for businesses



*18 minutes to establish a company online*

3

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# Efficiency for government



***e-Cabinet: paperless decision-making since 2000***

# Easy and convenient life

Minu e-tervis

Minu andmed  
Siim Sikkut  
38303062743  
KINDLUSTATUD  
Perearst:  
Marin Kraft-Jaaksoo

Vali

Terviseandmed  
Saatekirjad  
Uuringute vastused  
Epikriisid  
Aegkriitilised andmed  
E-konsultatsioonide otsused  
Teatised

Tahteavaldused  
Tahteavalduste nägemiseks ja koostamiseks vajuta kastile, lisainfoks noolele

Esindatavad

Uuringute vastused  
Uuringu vastuste nägemiseks vajuta kastile, lisainfoks noolele

Vaktsineerimised  
Immuniseerimise teatiste nägemiseks vajuta kastile, lisainfoks noolele

Esindajad

Retseptid

Broneeri vastuvõtu

**e-health: nation-wide digital health record and e-prescriptions**

# Participation & transparency



*Internet Voting: 1/3 of the votes for parliament (2015)*



# **ESTONIAN APPROACH: ICT POLICY**



# Digital skills as a foundation



TIIGRIHÜPE

Study IT in .ee  
sponsored by Skype™



ε



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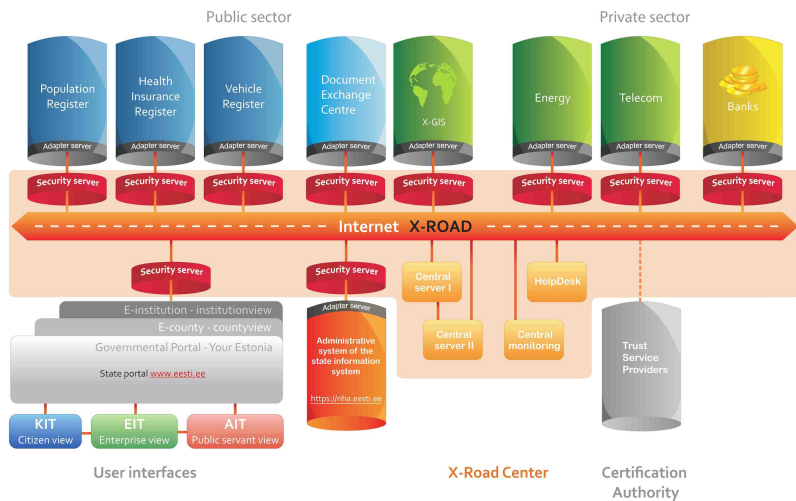


# Role of the Government



*Political leadership: coordination unit under the PM*

# Enabling building blocks



**National eID and data exchange layer X-road: since 2001**

# Bottom-up service devt

The screenshot shows the 'e-Business Register' website. At the top left is the logo for the 'Centre of Registers and Information Systems'. To the right is a navigation bar with 'COMPANY REGISTRATION PORTAL' and buttons for 'Opening page' and 'Help'. The main content area has a heading 'You are entering Company Registration Portal' followed by instructions: 'To enter the system you will have to authenticate yourself with the ID-card, Mobile-ID or through an internet bank.' Below this are two sections: 'Authenticate with ID-card or Mobile-ID:' with buttons for 'KAART ID-card' and 'MOBIL-ID Mobile-ID'; and 'Enter by foreign ID-card or Mobile-ID:' with buttons for 'Finnish ID-card', 'Portuguese ID-card', 'Belgian ID-card', and 'Lithuanian Mobile-ID'.

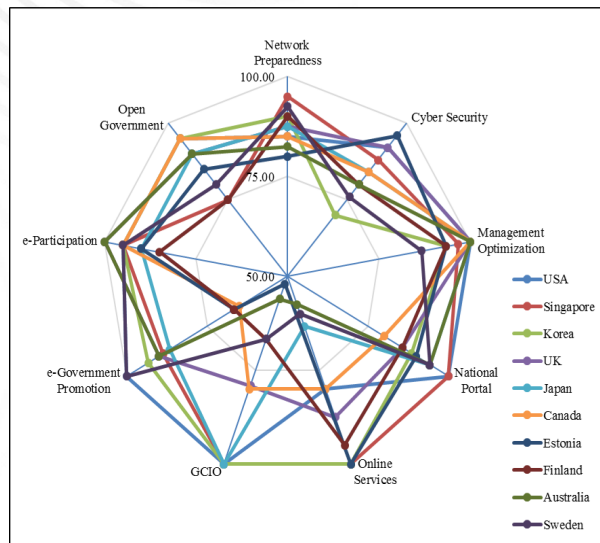


# Trust & security



*Security-by-design and risk management*

# Waseda 2014 (Japan)



Estonia's achievements in cyber security are due to a strong **ICT partnership between the public and private sectors**. The secret to Estonian cyber security lies in the inherent safety and security built into every single Estonian e-government and ICT Infrastructure system. The secure 2048-bit encryption that powers Estonia's Electronic-ID digital signatures **and X-road-enabled systems** means that personal identity and other sensitive data in Estonia is safe.



***Thank you! Questions?***  
*oliver.vaartnou@cyber.ee*



# Agenda for the study tour

## Monday, October 5<sup>th</sup>

9:00 Welcome in Cybernetica

11:00 Centre of Registers and Information Systems

13:00 Lunch

14:00 e-Estonia showroom (Karli Suvisild)

15:30 eGA (Katrin Merike Nyman-Metcalf)

17:00 End of program

# Agenda for the study tour

## Tuesday, October 6th

10:30 Estonian Tax and Customs Board (Kati Liik)

12:30 Lunch

13:30 eGA (e-Governance Academy) (Arvo Ott)

16:00 End of program

# Agenda for the Study Tour

**Wednesday, October 7<sup>th</sup>**

9:30 Estonian State Information System Agency  
(Heiko Vainsalu)

11:30 Lunch

12:00 IT development and operations centre of  
Emergency Centre (Margus Püüa)

15:00 e-Health Foundation (Heli Laarmann)

17:00 End of program

# Agenda for the Study Tour

## Thursday, October 8th

9:00 Haiti project plan (Tarmo Oja)

10:30 Internet voting in Estonia (Sven Heiberg)

12:30 Lunch

14:00 Certification Centre Ltd (Kalev Pihl)

16:00 Government Office (Siim Sikkut)

18:00 Wrap-up in hotel



***Thank you!***  
***Questions?***