



Estonia

Space Economy meets Information Economy

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Information Society in Estonia

e-Solutions simplify and benefit our lives.



- | | |
|--|------------------|
| ▲ 99% OF STATE SERVICES ONLINE | ▲ E-GOVERNMENT |
| ▲ 99,8% BANK TRANSFERS VIA INTERNET | ▲ E-HEALTH |
| ▲ 98% TAX DECLARATIONS VIA E-TAX BOARD | ▲ E-PRESCRIPTION |
| ▲ 95% DIGITAL PRESCRIPTION | ▲ E-SCHOOL |
| ▲ 30% VOTES CAST OVER INTERNET | ▲ E-POLICE |
| ▲ DECLARING TAXES IN 3 MINUTES | ▲ E-BANKING |
| ▲ STARTING A BUSINESS IN 18 MINUTES | ▲ E-INVOICE |
| | ▲ ID TICKET |

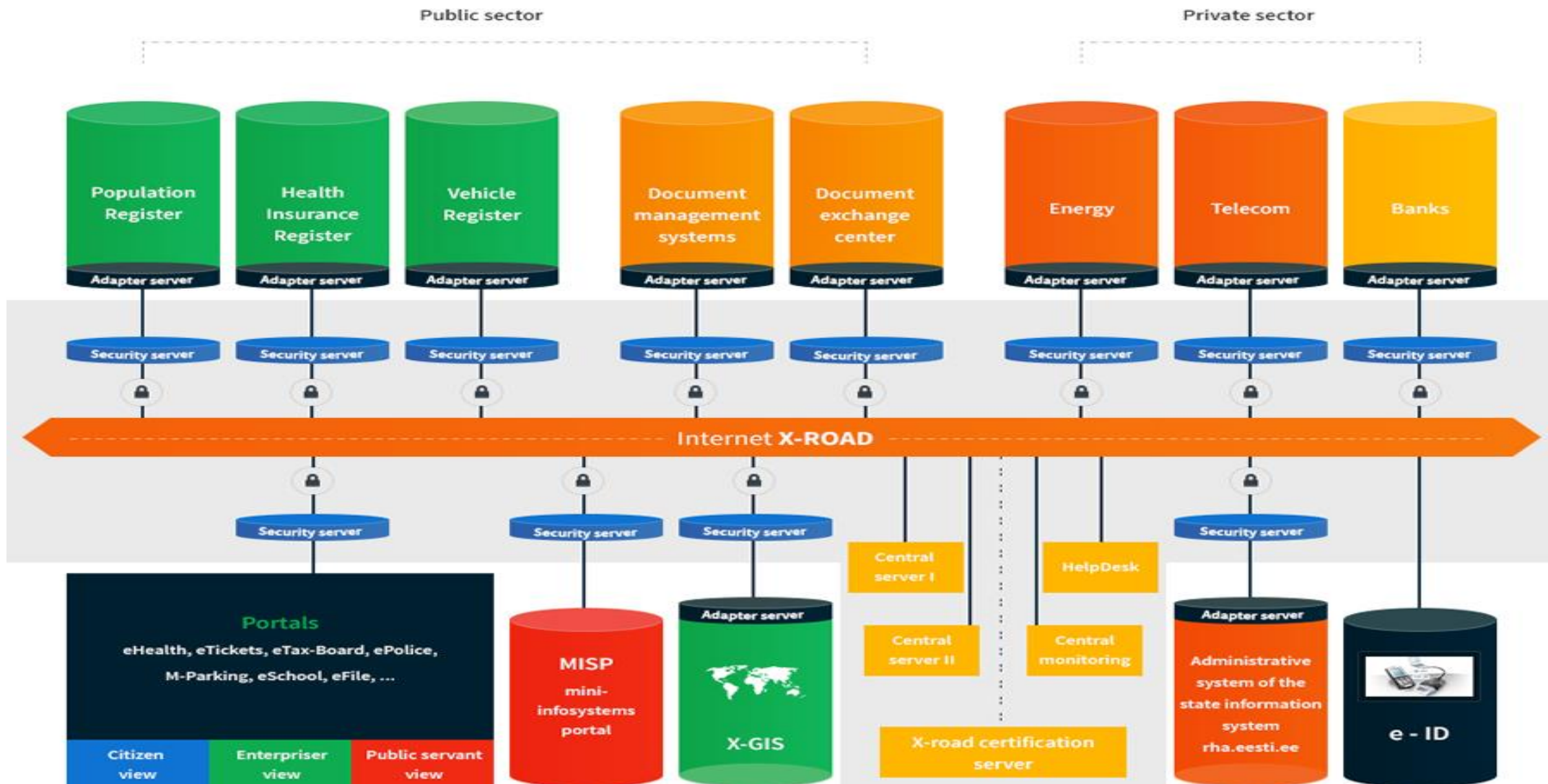
Paperless government



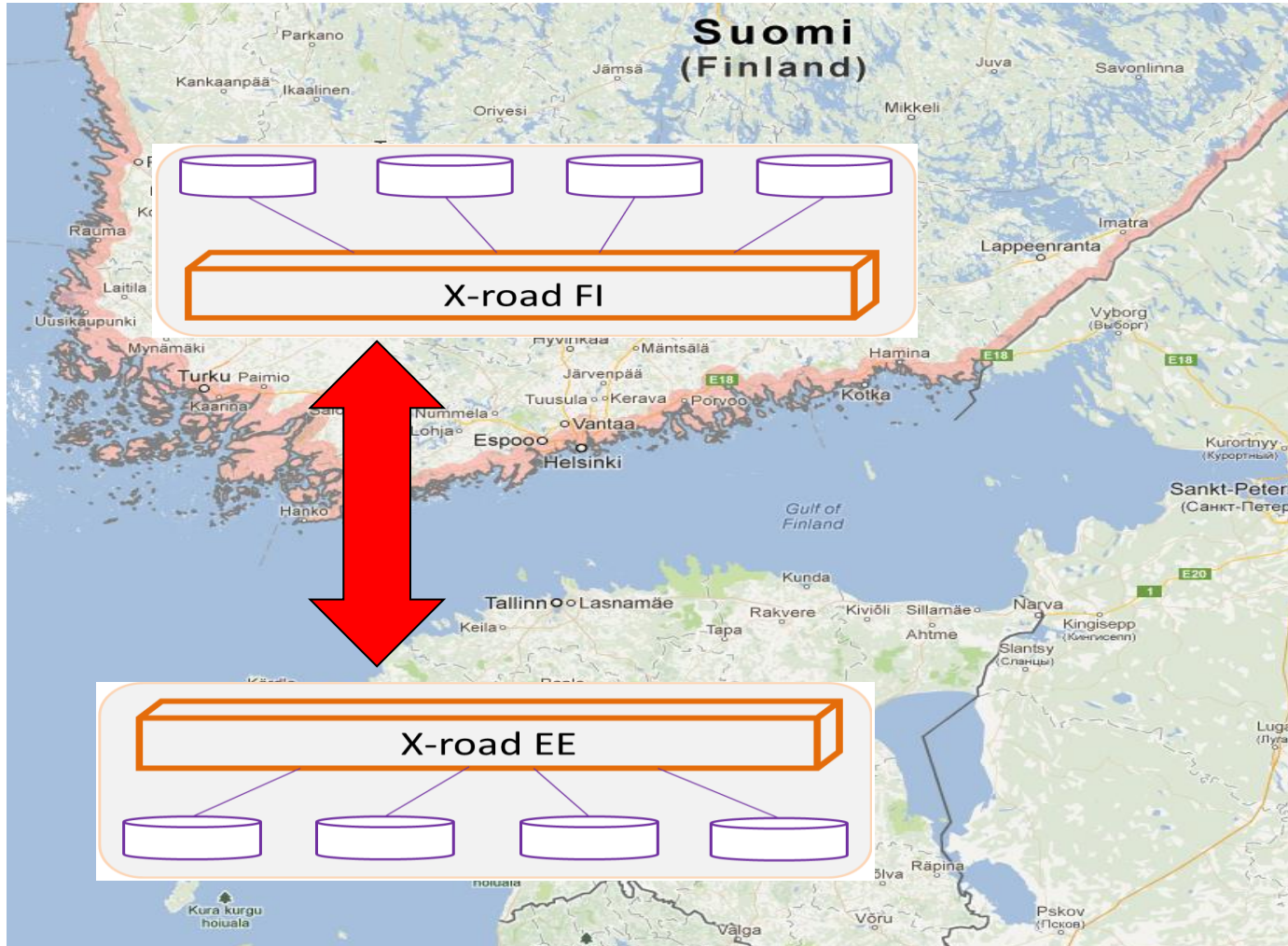
Digital identity



X-Road: secure data exchange



Cross-border services starting w/ Finland

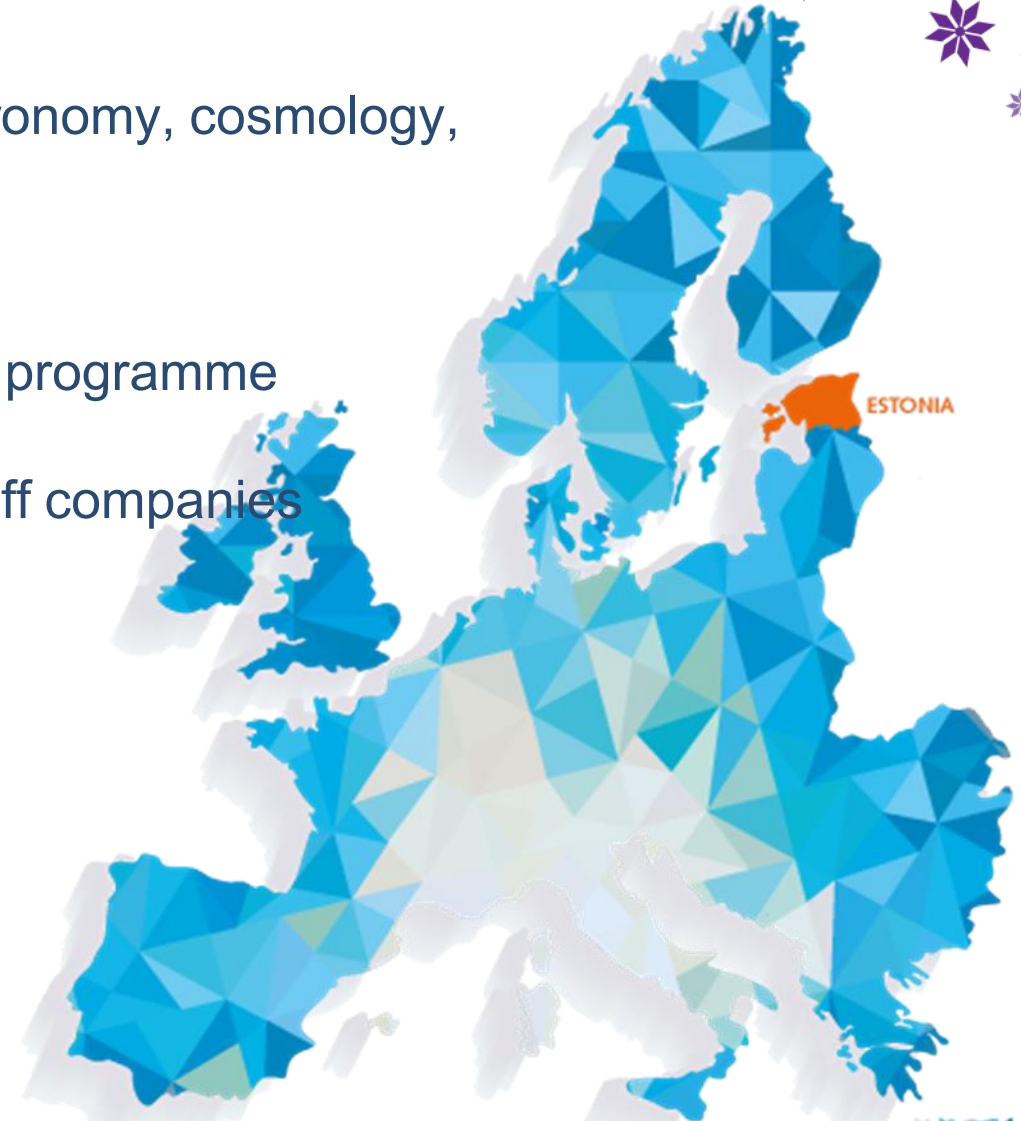


E-residency



Space in Estonia

- ▶ Tartu Observatory since 1808 — tradition in astronomy, cosmology, earth observation
- ▲ 2006-2015 27 companies participated in PECS programme
- ▶ First satellite launched in 2013 → several spin-off companies
- ▶ ESA member since 2015
- ▲ ESA BIC to be launched in 2017



Estonian companies in Space Economy

IT companies involved in Space economy

- ▲ Reach-U (Earth Observation) – environmental monitoring via remote sensing
- ▶ Planet OS (Big Data & IoT) - discover and access weather and climate data.
- ▶ IB Krates (Software development) – remote control systems
- ▲ Marine Systems Institute (Earth observation) – monitoring of water-bodies
- ▶ Cybernetica (cyber security) – cryptographic solutions for secure communications

Non-IT companies providing for Space

- ▲ Radius Space - machine shop for New Space
- ▶ Skeleton Technologies - Europe's leading manufacturer of ultra-capacitors

Future of space economy in Estonia

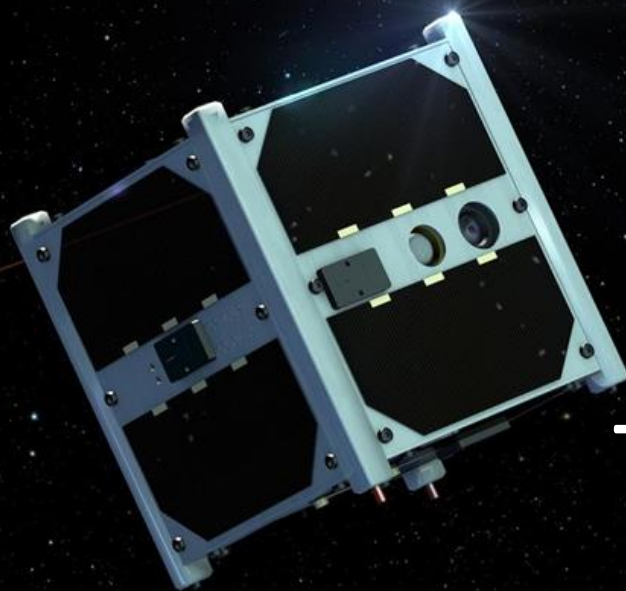
Tap into the space economy using our IT competences

Focus on:

- ▲ Earth observation
- ▲ Internet of things
- ▲ Big Data
- ▲ Artificial intelligence
- ▲ Cyber security

Focus on scalable business opportunities

e-Era



THANK YOU!

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e-Estonia.com
The Digital Society

