

Find your identity: making progress on digital ID verification

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REPUBLIC OF ESTONIA
MINISTRY OF THE INTERIOR

Estonian e-society since 2002

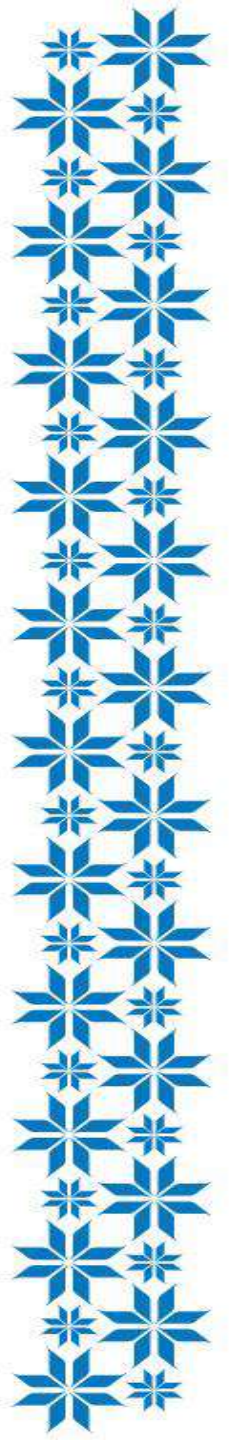
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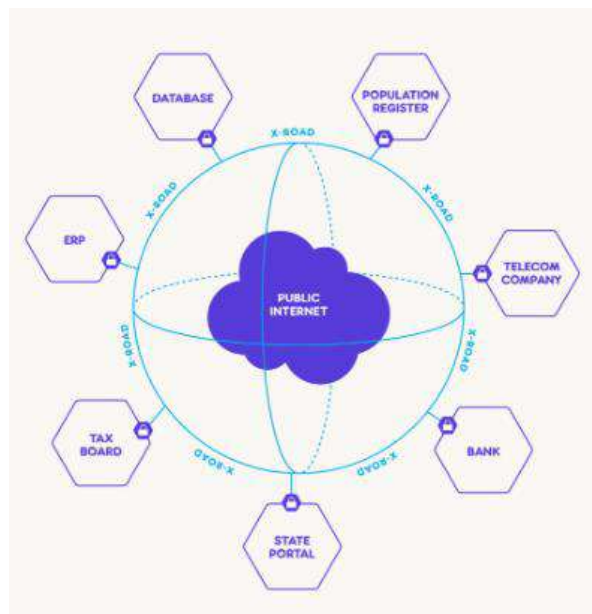
13.10.2020



**Estonian e-government means
e-services for people
based on
x-road and eID-s**

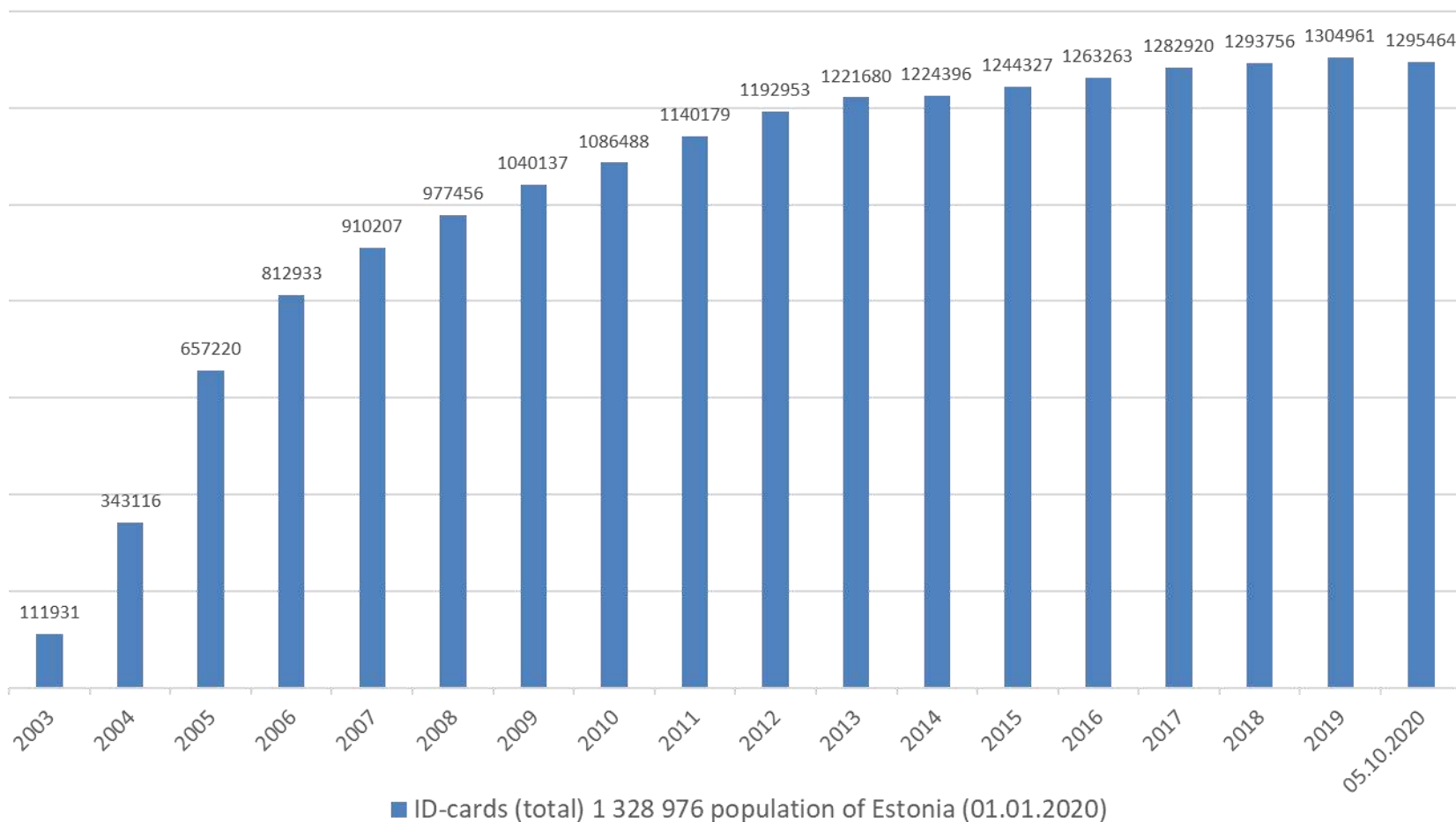


**X-road, the data exchange layer for
information systems,
is
a technological and organizational
environment enabling a secure Internet-
based data exchange between information
systems**



ID-cards (total)

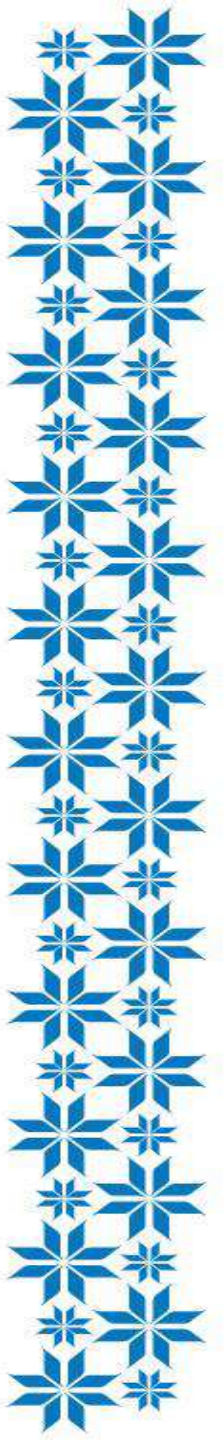
1 328 976 population of Estonia (01.01.2020)



1 053 403 221 digital identifications done
1 088 966 105 digital signatures given

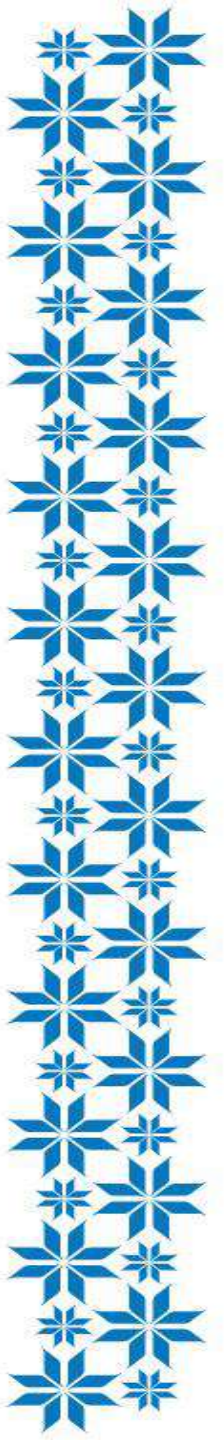
- Digital identity confirmation (PIN 1)
- Digital signature (PIN 2)
- Personal encryption (decryption PIN1)

Digital identification is as good as face-to-face identification and
digital signature is equal to handwritten one.

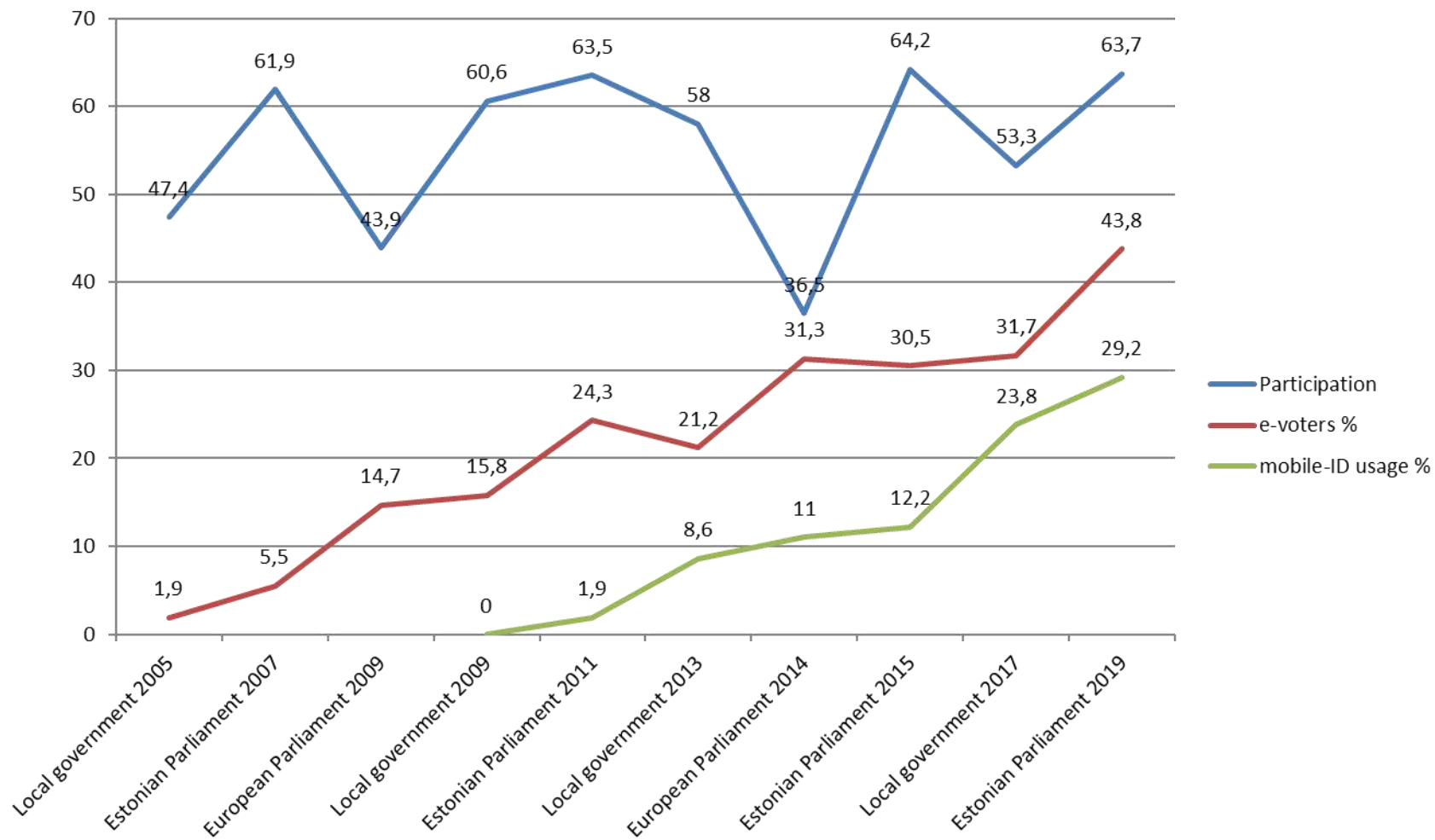


More than 5000 e-services

- Parliament and local government elections
- Bank services
- Application for public services (incl. healthcare, benefits, doctor's digital prescriptions, application for driving licence)
- Opening up businesses
- Submitting tax declarations
- Access to registers kept by the state and local governments
- E-inclusion and public sector transparency (incl. public procedure transparency, data use/misuse)
- Back-office efficiency without creating e-services for end user
- Etc.

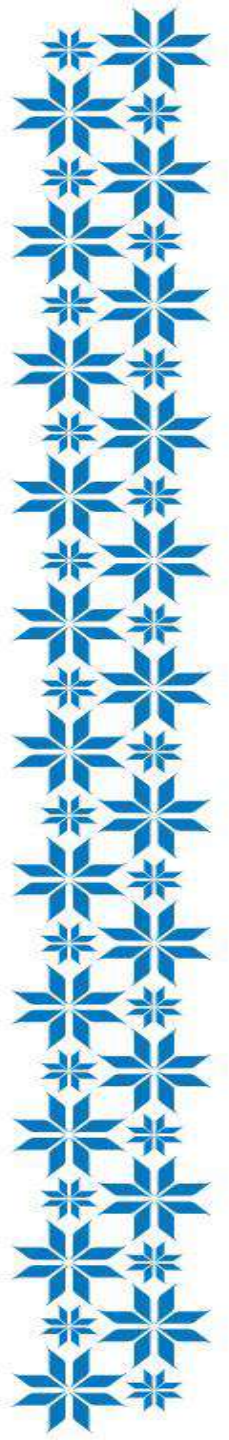


General participation in voting and the percentage of e-voters



Successful identity management system
and e-government
has to **be**
secure and trustworthy and

has to **seem**
secure and trustworthy to
1) citizens and 2) partners





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