

# Electronic IDs

13/01/10 New study published by the European Commission underlines the importance of pursuing technological openness for the future Ubiquitous Information Society

Finnish eID: 1999

Estonian eID: 2002

German eID: new card 2010

Belgian eID: ...

Swedish eID: ...

Some smart card, some software tokens, some both...

Multifunctional card: it is a regular identity document, it functions as an electronic identity and it can be used to generate digital signatures.



On 25.01.2010 22:11  
 Active cards: 1087935  
 Digital signatures: 26448832  
 Electronic authentications: 44063037



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## Become e-citizen!

- ▶ Get an ID-card
- ▶ Install software
- ▶ Check certificates
- ▶ Activate Mobil-ID
- ▶ Use your ID



## Services

- ▶ E-services
- ▶ Digital signatures
- ▶ DigiDoc portal
- ▶ ID-ticket
- ▶ Mobil-ID



## Help & support

- ▶ Troubleshooter
- ▶ Support centre
- ▶ Customer service offices



## Info

### Information

### To use the electronic functions of your ID-card, you need:

- ▶ **the ID-card** - apply for one at the Citizenship and Migration Board;
- ▶ **PIN-codes** - issued together with the ID-card. In case you lose your codes, contact the Citizenship and Migration Board or a bank office that provides ID-card maintenance services for new ones;
- ▶ **valid certificates** - once your certificates are expired, you can renew them on your own at [sk.ee/id-kontroll/](http://sk.ee/id-kontroll/);
- ▶ **a computer with an active Internet connection**;
- ▶ **a smartcard reader** - ask from a computer store or your local bank office;
- ▶ **ID-card software** - install from [installer.id.ee/](http://installer.id.ee/).

### To use the Mobil-ID service, you need:

- ▶ **a SIM card that supports the Mobil-ID service**
- ▶ **PIN-codes** - issued together with your Mobil-ID SIM card;
- ▶ **to activate the Mobil-ID service** with your ID-card at [mobil.id.ee/akt/](http://mobil.id.ee/akt/).

## News

18.11.2009

More opportunities for Linux and Mac with new ID-card software

26.05.2008

World record in digital signing

02.05.2007

[EMT Launches the Mobil-ID Service](#)

27.04.2007

The New Version of ID-card Software Supports Firefox

16.04.2007

Friendly Priced ID-Card Readers Now Available For Notebooks

[Archive](#) ➔

## Important links

### For the citizen

- ▶ [Verify a digital signature](#)
- ▶ [Look@World Foundation](#)

### ID-card Help Line:

**1777**

E-mail: [abi@id.ee](mailto:abi@id.ee)



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# Harmonization

Cross-border interoperability was not a requirement for the first electronic IDs in Europe.

Policy harmonization:

- ◆ Common policy guidelines

Legal harmonization

- ◆ Is a signature valid in one country valid in another?

Technical harmonization:

- ◆ Naming (DN in certificates).
  - ◆ Unique person identifier?.
  - ◆ Fields and character encoding?
- ◆ Card standards and algorithms.
  - ◆ Can an Id from one country be read in another? Using the same sw?
  - ◆ Can I access services in another country using my national ID?
- ◆ ...

# STORK, [eid-stork.eu](http://eid-stork.eu)

Pilot1: Cross border authentication platform - for electronic services

Pilot2: Safer Chat - To promote safe use of the Internet by children and young people

Pilot3: Student Mobility - To help people who want to study in different Member States

Pilot4: Electronic Delivery - To develop cross-border mechanisms for secure online delivery of documents

Pilot5: Change of Address - To assist people moving across EU borders

# STORK, [eid-stork.eu](http://eid-stork.eu)

The aim of the STORK project is to establish a European eID Interoperability Platform that will allow citizens to establish new e-relations across borders, just by presenting their national eID.

Thus in the future, you should be able to start a company, get your tax refund, or obtain your university papers without physical presence; all you will need to access these services is to enter your personal data using your national eID, and the STORK platform will obtain the required guarantee (authentication) from your government.

The role of the STORK platform is to identify a user who is in a session with a service provider, and to send his data to this service. Whilst the service provider may request various data items, the user always controls the data to be sent. The explicit consent of the owner of the data, the user, is always required before his data can be sent to the service provider