



" The Belgian eID's "

Safer Internet Forum
Luxembourg – September 25th, 2008

Frank LEYMAN
Manager International Relations
FEDICT – Belgium

.be

Goal eID project

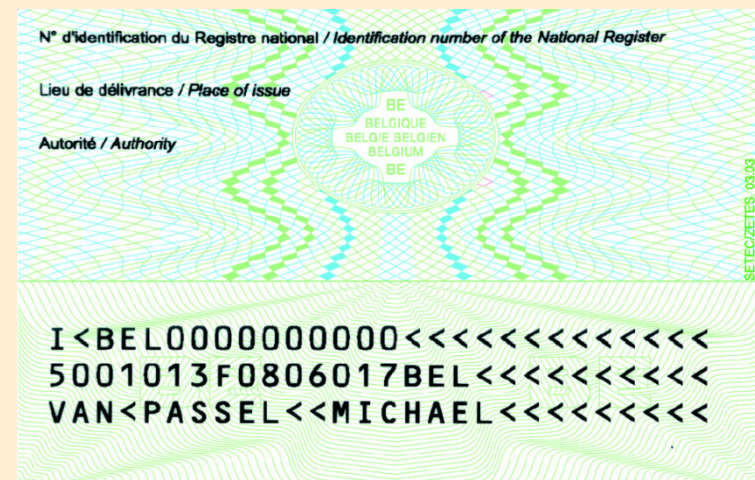
fedict e-gov

Proof of identity



- > To give Belgian citizens an electronic identity card enabling them to **authenticate** themselves towards diverse applications and to put **digital signatures**

Signature tool



.be

**Electronic
identification**
of the holder

- > From an **electronic** point of view the chip will contain the same information as printed on the card, filled up with :
 - the identity and signature keys
 - the identity and signature certificates
 - the accredited certification service furnisher
 - information necessary for authentication of the card and securization of the electronic data
 - the main residence of the holder
- > (Currently) no encryption certificates
- > No biometric data (yet)
- > No electronic purse
- > No storage of other data



► Belgian citizen >12 year



► Children <12 year



► Foreign residents

➤



- ber
- Ten voordele van :
- 
- child focus
- 
- ALLO PARENTS
HALLO OUDE



Examples of child-safe websites

> SaferChat

- Safe chatting on secured chatboxes with your eID.
- www.saferchat.be

> chat.be

- The secured chatbox of chat.be.
- www.chat.be

> kidcity.be

- The secured chatbox of Skynet.
- www.kidcity.be

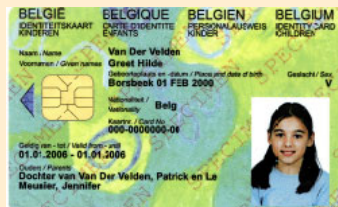
> Also other segments have requested closed chat environments:

- Elderly
- Certain professions



► National eID:

- >7 Mio cards issued
- ~10 000 produced cards/day
- 2009 : end of distribution to all Belgian citizen
 - 8 million cards > 12 year



► Kids-ID:

- 1,3 million cards < 12 year
- ~300.000 cards/year



► Cards for foreign residents:

- 2007 ~1,5M EU + non-EU





eID: data capturing



Identity Card

Identiteit | Certificaten | Kaart & PIN | Opties

BELGIË IDENTITEITSKAART	BELGIQUE CARTE D'IDENTITE	BELGIEN PERSONALAUSWEIS	BELGIUM IDENTITY CARD
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Identiteit

Naam
SPECIMEN

Voornamen
Alice Geldigekaart0783

Geboorteplaats
Hamont-Achel

Geboortedatum
01/01/1970

Geslacht
F

Nationaliteit
be

Title
Nationaal Nummer
71.71.51-000.70

Kaart Info

Chip Number
534C494E336600296CFF232CF6080C1

Kaart Nummer
000.0000783.07

Geldig Van
26/03/2004

Tot
26/03/2009

Uitreikingsgemeente
ZETES

Adres

Straat
Meirplaats 1 bus 1

Postcode
2000

Naam
Antwerpen




Land
be

Speciale Status

☐ Witte Stok

☐ Gele Stok

☐ Minderjarigheid



- > No digital divide despite eID
- > Citizen is in control
- > Study for additional protection of data:
 - Multiple PIN ?
 - User friendly?
 - Risk of mis-use of enhanced security

PKI



authentication



digital signature

IDENTITY

ID



ADDRESS

RRN SIGN

RRN SIGN



Multiplicity of eID applications

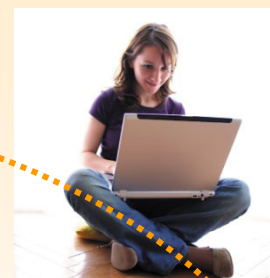
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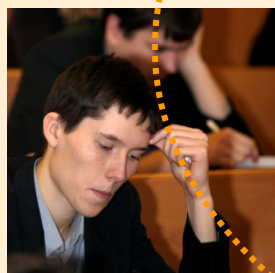
healthcare



Driver's license



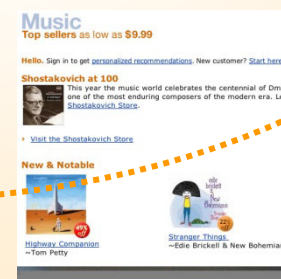
home banking



student cards



SSO,...



e-commerce



Proof of membership

.be

> What can be done with the eID?

▶ Local Applications:

- ▶ e-loket :
 - Requesting attestations (vb. marriage, birth..)
 - Requesting change of address
 - ...
- ▶ School enrolments
- ▶ Enrolment/access to libraries
- ▶ Access to swimming pools
- ▶ Access to container parks
- ▶ Electronic declaration of death
- ▶ ...





S.T.O.R.K. Consortium

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> 13+1 Member States

- Austria
- Belgium
- Estonia
- France
- Italy
- Iceland
- Germany
- Luxembourg
- Netherlands
- Portugal
- Slovenia
- Spain
- Sweden
- UK

> 29 Participants



PILOTS

- Giant portal
- Safer Chat
- eID Student mobility
- eID electronic delivery
- eID enabling administrations
- eID private sector
- EU citizen change of address
- evaluation and feedback

www.eid-stork.eu

.be

Th@nk you !



Maria-Theresiastraat 1/3
Bruxelles 1000 Brussel
TEL +32 2 212 96 24
FAX +32 2 212 96 99
Frank.leyman@fedict.be

www.belgium.be/fedict

.be