



e-Signature and CEN

Dominique Lescibaa, CEN/TC224 Chair

NISSG meeting, 16 June 2008, Brussels

Background Information

- **2003-07-14: EC decision on generally recognised standards for e-signature products in accordance with the Directive**
 - CWA 14167-1 (2003), CWA 14167-2 (2002), CWA 14169 (2002)

- **2003-11-25: CEN/BT Resolution for the creation of BT/WG159 “Electronic Signatures”**
 - Actions for the maintenance of CWAs
 - Development of the activities in the area of e-signature

- **2004-11-18: CEN/BT Resolution on maintenance of CWAs**
 - Allocation of the maintenance of some CWAs to CEN/TC224 to become ENs
 - Transfert of the maintenance of CWA 14171 to ETSI
 - Submission of future ENs to JTC1 is recommended



Background Information (cont.)

- **CWA allocated to CEN/TC224**

- 14890-1/2 Application Interface for smart cards used as Secure Signature Creation Devices

- 14167-1/2/3/4 Security Requirements for Trustworthy Systems Managing Certificates for Electronic Signatures

- 14169 Secure Signature-Creation Devices "EAL 4+"

- 14170 Security Requirements for Signature Creation Applications

- 14355 Guidelines for the implementation of Secure Signature Creation Devices

CEN/TC 224

TITLE

Personal identification, electronic signature and cards and their related systems and operations

SCOPE

Development of inter-industry standard for:

- Cards and related interfaces
- Personal identification including authentication, confidentiality
- Electronic signature
- Card life management

→ New title and scope adopted in 2005

CEN/TC 224 (cont.)

Activities	Published standards	Under development standards
Banking	5	/
Health	4	/
Telecom	8	/
Transport	4	2
User interface	6	3
Technologies	4	/
ECC	2	2
ESignature	/	5

STRUCTURE

CEN/TC 224

Chair: Dominique Lescriva

Secretary: Clément Chevauché (AFNOR)

**CEN/TC 224/ WG 6
User Interface**

Adam Balfour (Norway)

**CEN/TC 224/ WG 11
Surface Transport
Applications**

Jürgen Wenhert (Germany)

**CEN/TC 224/ WG 15
European Citizen Card**

Lorenzo Gaston (France)

**CEN/TC 224/ WG 16
Application Interface for
smart cards used as SSCD**

Gisela Meister (Germany)

**CEN/TC 224/ WG 17
Protection Profiles in the
context of electronic signature**

Christoph Sütter (Germany)

CEN / TC 224 / WG16

Application Interface for smart cards used as SSCD (14890)

- **2005:**
 - **creation of WG16 (Apr.)**
 - **kick-off meeting (Jun.), Approval of TOR (Sep.)**
 - **activation NWI (Nov.) (DE, ES, FR, IT, UK)**

- **2006:**
 - **draft ready for CEN enquiry (Sep.)**
(28 experts on mailing list, 7 attends meetings)

- **2007:**
 - **end of CEN enquiry (Jul.)**
(1 negative vote, comments from DE, FR, SE, UK)

- **2008:**
 - **TC224 resolution to launch the formal vote (Apr.)**
(8 approvals, 3 abstentions)

CEN / TC 224 / WG16 (cont.)

Application Interface for smart cards used as SSCD (14890)

➤ Next steps and further developments

- Translations, Formal Vote and publication
- Drafting of a tutorial material
- On going discussions for a new protocol securing the contactless channel

CEN / TC 224 / WG17

Protection Profiles in the context of electronic signatures

- **2005:**
 - **creation of WG17 (Apr.)**
 - **kick-off meeting (Jun.), Approval of TOR (Sep.)**
 - **activation NWIs (Oct.) (ES, FR, GE, IT, UK)**

Priority: 14169 (SSCD), 14170 (SCA), Authentication services
- **2006:**
 - **publication of CC V3.1 (Sep.)**
- **2007:**
 - **progression of the work plan with national contributions**
- **2008:**
 - **drafts to be finalised but few resources**
(23 experts on mailing list, 4 attend meetings)

CEN / TC 224 / WG17 (cont.)

Protection Profiles in the context of electronic signatures

Challenges for WG17

- To have more resources to finalize the 3 PPs: SSCD, SCVA, DAUTH
- To have a funding for the evaluation/certification process of PPs



Submission of a proposal for a PT in the framework of the ICT standardisation work programme 2008

- To insert the evaluation/certification process within the standardisation process

Conclusion

- **CEN has a structure to host standardisation activity on electronic signature for the production of ENs**
- **WG for the application interface for smart card as SSCD has progressed well**
- **WG for the PPs in the context of electronic signature needs more resources to finalize the drafting**



Thank you for your attention