

Country Update: Austria



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- **Amendments of eID-related laws**
 - E-Government Act
 - Signature Act / Signature Order
- **Citizen Cards Initiatives**
 - Public Sector and Private Sector
- **Technology**
 - IDM concept “sector-specific identifiers”

- **Defined citizen card concept as logical unit of**
 - Electronic signature – authentication
 - Identity link – unique identifier linked to signature
 - Optional data on representation (e.g. mandates)
- **irrespective of technology** (smart card, mobile phone, ...)
- **Foreign eID recognition as “*repetitive identity*”**
- **Transitional period “*administrative signature*”**
 - Equivalence to qualified signatures under lowered requirements until end 2007 to support deployment
- **Open for the private sector**
 - Both certificate services and using the identity management system

eGovernment Act 2007

(currently being amended)

- **Administrative signature faded out**
 - Citizen Card now needs to be based on qualified signatures
- **Foreign eID recognition streamlined**
 - Registration to Supplementary Register using a foreign eID's qualified signature
 - A link to an electronic proof of unique identity in its country of origin is needed that is considered equivalent to an identity link
 - An order will define eIDs where such a link is considered equivalent
- **Improvement for private sector use**
 - Enrolling company-specific unique identifiers to private-sector applications

Signature Act / Signature Order

(currently being amended)

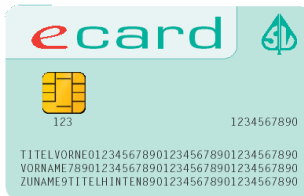
- **Changed term *secure signature* to *qualified signature***
 - Inline with the commonly used term in Europe
- **Scope on CSPs limited to qualified certificates**
 - No longer supervision of “non-qualified” CSPs
- **Signatory can now be both natural and legal person**
 - So far, the term signatory was limited to natural persons
 - Qualified certificates still can be issued only to natural persons, i.e. qualified signatures are limited to natural persons
- **Making registration easier**
 - Aside personal appearance, other means possible, such as qualified registered letters

Major initiatives – Citizen Cards



Bank cards (ATM cards)

Each bank card issued since March 2005 is also an SSCD (as of 1999/93/EC) – about 6.5 mio. cards qualified signatures, private-sector CSP



Health insurance cards “e-card”

100 % coverage reached end of Nov. 2005 (~9 Mio.) was “*administrative signature*”, will change to qualified signatures end of 2007



Mobile phones:

each mobile phone (capable of receiving SMS) (since March 2004)



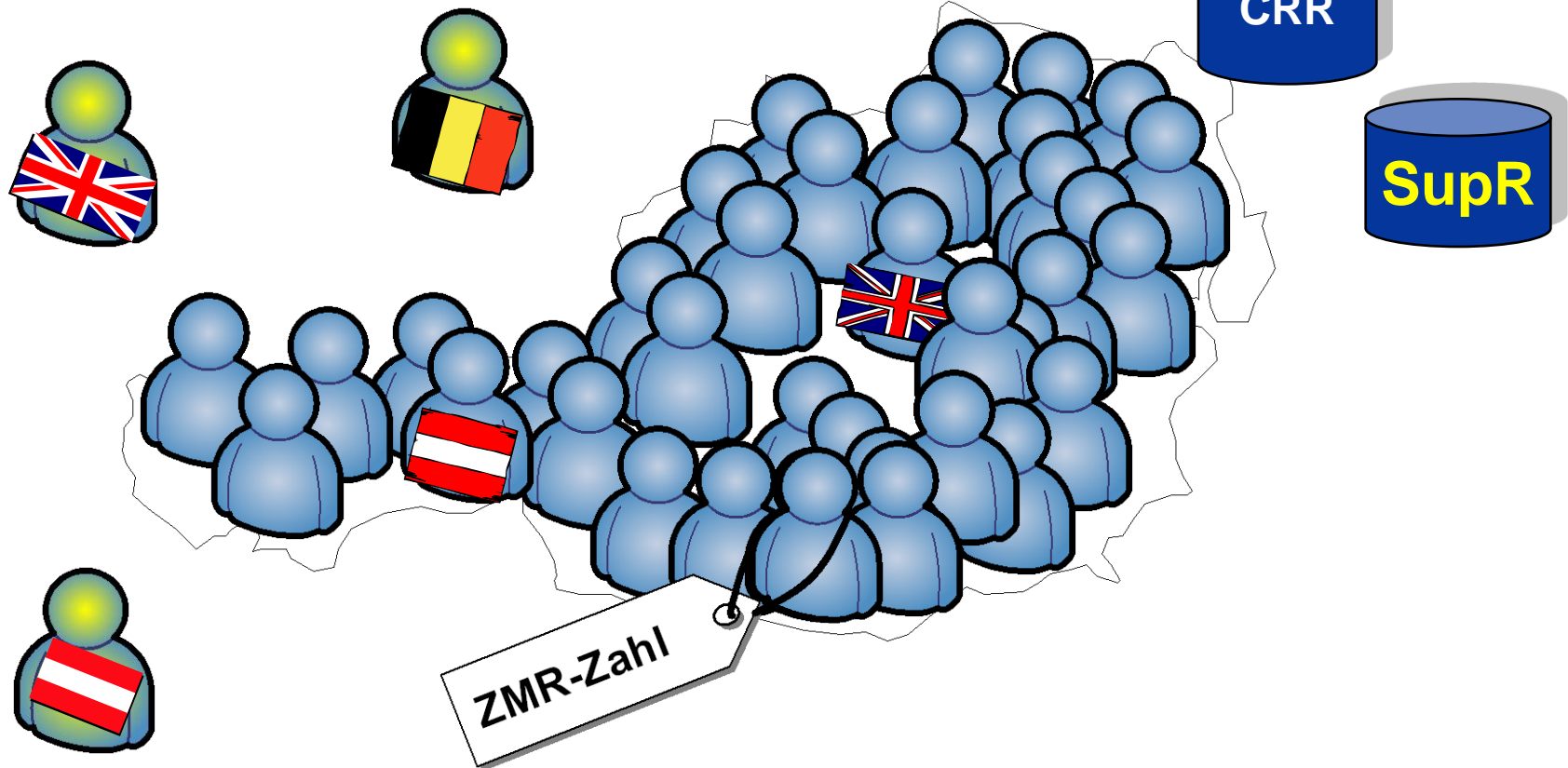
Further initiatives:

- official's service card
- CSP signature cards
- student service cards, etc.



so far,
no ID with chip

Identification – Central Population Register



Each resident has a unique number (ID) „ZMR-Zahl“ in the Central Register of Residents (CRR)

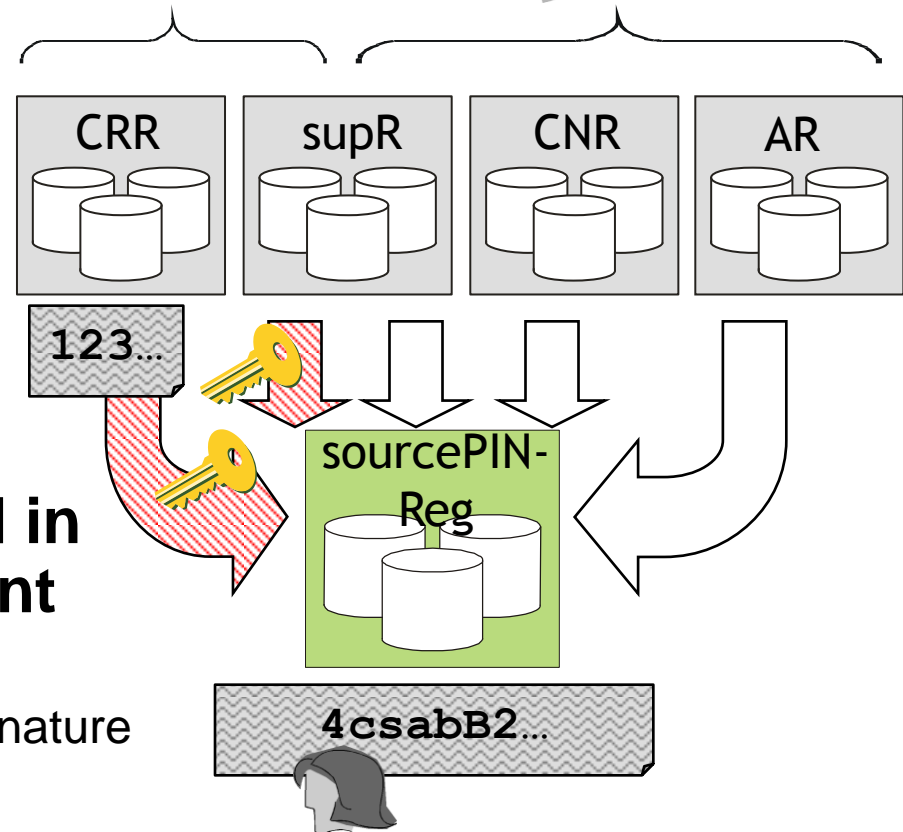


- **Source PINs**

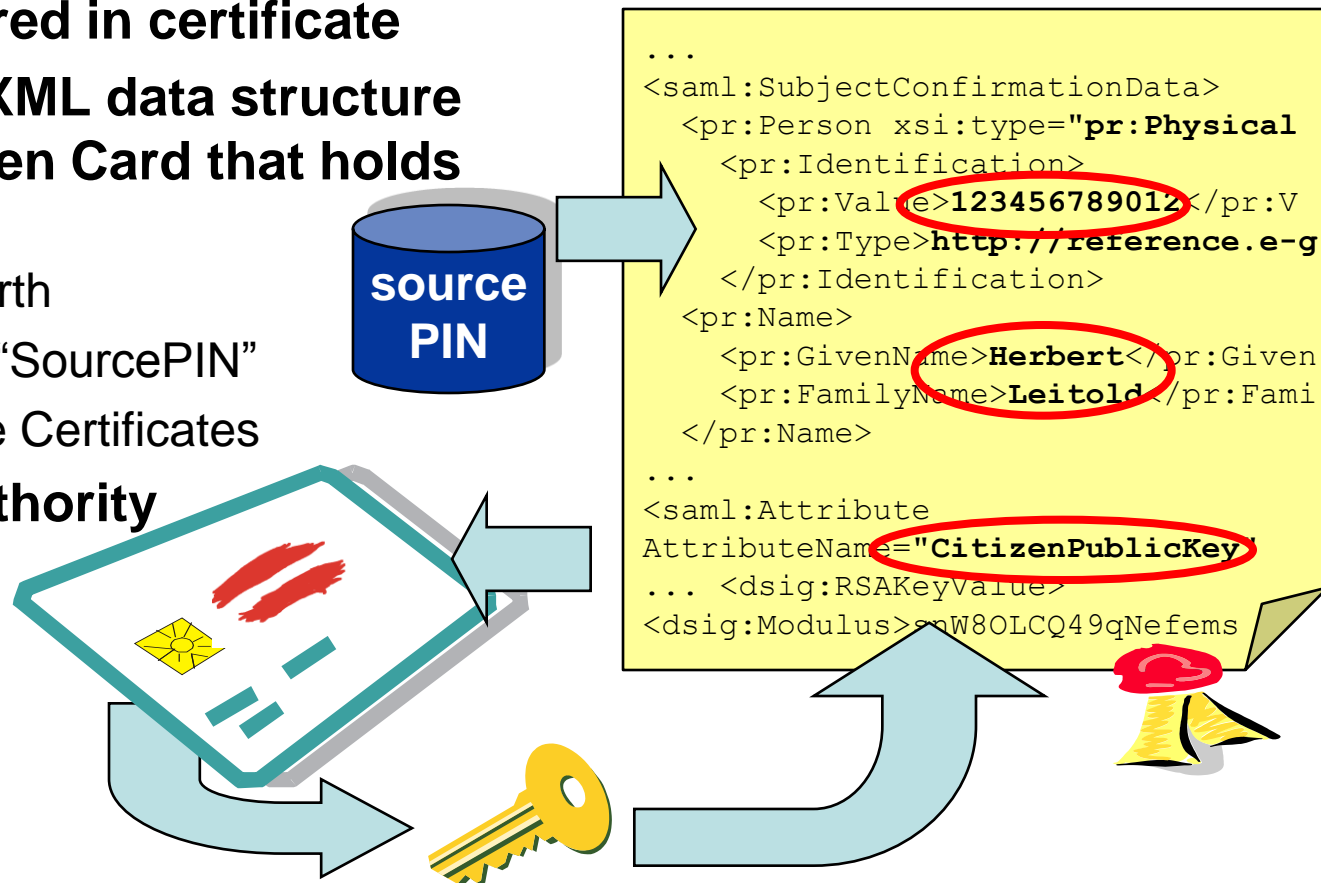
- Unique IDs derived from unique IDs in registers
- strong encryption for physical persons
- sourcePIN Register maintained by Data Protection Commission

- **SourcePIN ONLY stored in Citizen Card Environment**

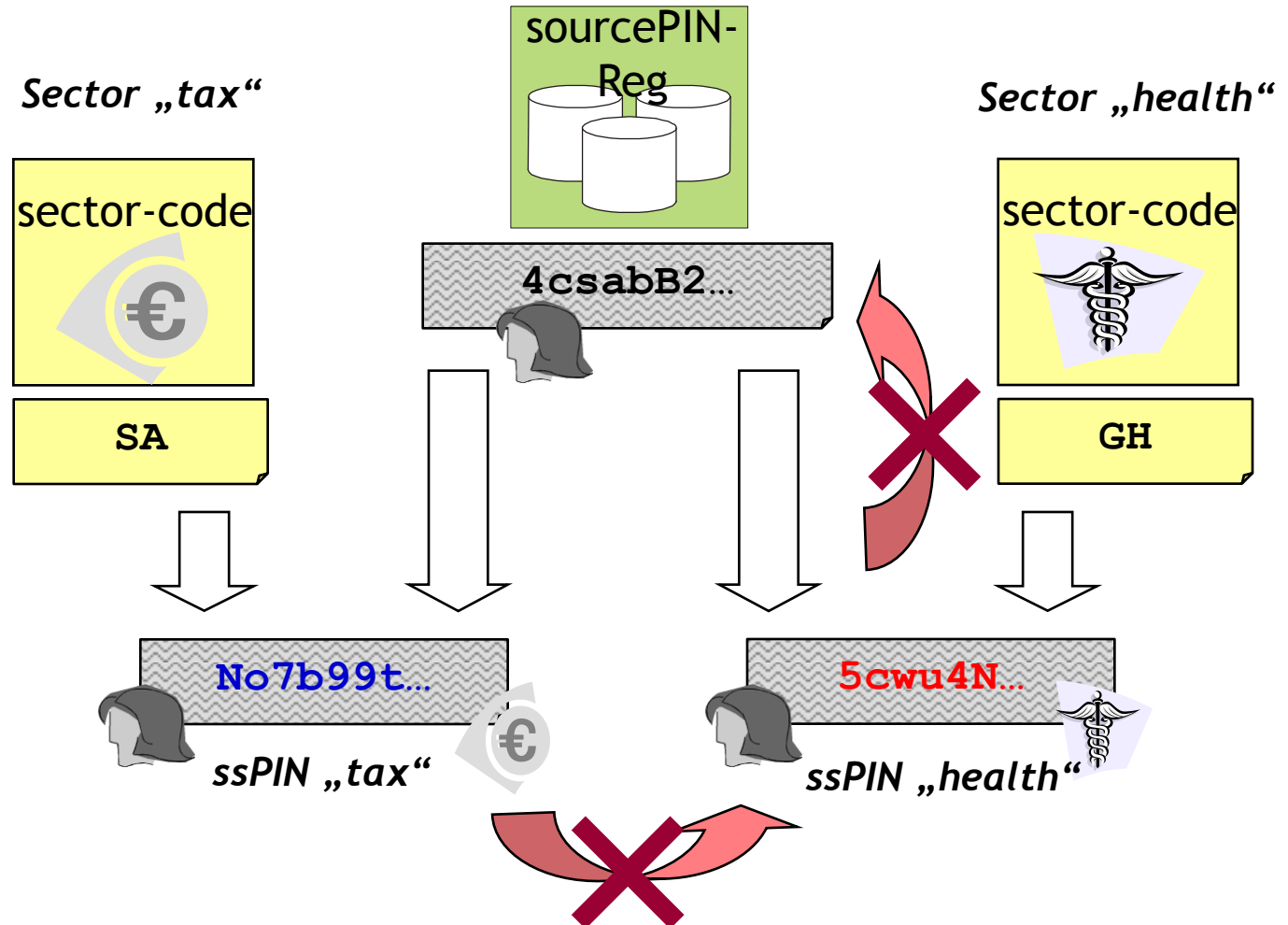
- Data structure *Identity Link*
- Links identity to Electronic Signature



- **Unique ID not stored in certificate**
- **Identity Link is a XML data structure stored in the Citizen Card that holds**
 - Personal data:
Name, Date of Birth
 - Unique Identifier “SourcePIN”
 - Public keys of the Certificates
signed by the authority



Sector-specific IDM concept



- **Citizen Cards widely deployed**
 - e.g., bank cards and social security card “e-card”
 - Tokens are “prepared”, activation by citizens voluntary
- **Austria established legal basis early**
 - Signature Act in 2000
 - E-Government Act 2004
- **Deployment-experiences led to amendments in 2007**
 - Introduced some simplifications
- **Sector-specific IDM concept remains the basis**
 - Data protection in both public sector and private sector environment

Thank you for your attention!



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A-SIT Homepage: <http://www.a-sit.at>

Citizen Card Website: <http://www.buergerkarte.at>

eGovernment in Austria: <http://www.digitales.oesterreich.gv.at/>