Electronic-ID: a key gateway for efficient e-Services

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Functionality of an e-ID

- **IC form factor independence** (e.g. Contact & contactless IC cards, mobile telephony, PDA)
- **On-line assurance and verification of cardholder identity** (e.g. pin, biometrics)
- **Provision of security, convenience and trust in e-transactions** (e.g. mutual authentication of e-ID & accepting device, consent by e-signing, privacy)
- **Supporting typical e-Government functionalities** (e.g. social security, health, e-voting, permits, educational records, filling in forms)
- **Capable of supporting private sector services** (e.g. multi-issuer, multi-application, encryption)

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Local or Global Issue?

- Both (all of course)
- Must be addressed from top-down and bottom-up perspectives at all levels (local, regional, national, global)
- This Global Forum meeting is an ideal opportunity to flag the global status, opportunities and issues

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The need for a global e-ID

global support for e-Services
- building block for trust, security, and convenience
- more convenient, more efficient e-services
- "without e-ID there cannot be real e-Government"

global combating of ID Fraud
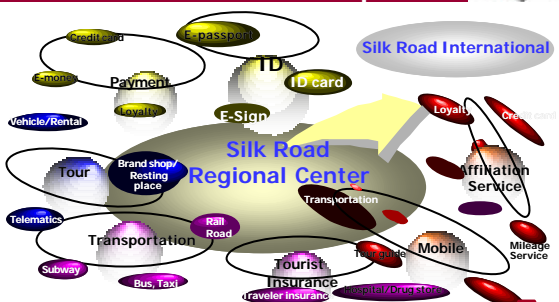- "your identity is precious, it needs guarding and a quality packaging"

global anti-terrorism measure

building a more global (European) society
- help provide a seamless pan-European experience for individuals and businesses

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Global Objectives/Status?
Asia Silk Road Card example*

* Adapted from presentation by H. Shimada, Next Generation IC Card System Study Group (NICSS) at the Global Collaboration Forum, Sophia Antipolis, September 2005

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e-ID Gateway Requirements

Pan-European, and international, political and business vision for the future requires Global as well as regional solutions. Minimum e-ID gateway requirements include:

- an interoperable physical infrastructure
- common legal basis across Europe for IAS (Identification, Authentication, for the eSignature an EU Directive is already in place)
- international and regional standardisation (already well advanced)
- implementation of mutual support of e-ID enabled services
- staged and continued implementation via pan-European demonstrator(s) and support centres

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Further Information

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