Draft

Regulation on electronic identification and trust services for electronic transactions in the internal market (eIDAS)

STAKEHOLDERS WORKSHOP ON ELECTRONIC IDENTIFICATION AND TRUST SERVICES
18 June 2014

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The eIDAS Regulation

Mutual recognition of e-identification means

Electronic trust services:
- Electronic signatures
- Electronic seals
- Time stamping
- Electronic registered delivery service
- Website authentication.

Electronic documents
eIDAS – State of Play

- 25.02.2014 agreement in principle between EP, Commission and Council
- 28.02.2014 Endorsement by Coreper
- 18.03.2014 Voting at ITRE Committee
- 03.04.2014 Voting in Plenary at EP
eIDAS – What is next

- 01.07.2014 End of lawyer linguist revision
- 02.07.2014 Transmission to EP
- Plenary 14/17.07 EP endorsement
- 23.07.2014 or 15.09.2014 Council formal adoption
- August/September Publicaton OJ
- October eSignatur e event
eIDAS – Timeline of implementation

- **2014**: Entry into force of the Regulation
- **2015**: Voluntary recognition eIDs
- **2016**: Date of application of rules for trust services
- **2017**: Mandatory recognition of eIDs
Next steps (1): *Preparing timed implementing acts*

→ only 7 implementing acts to be adopted within a year:

- 3 implementing acts on eID
  - MS cooperation
  - Interoperability framework
  - eID levels of assurance

- 4 implementing acts on electronic trust services
  - Formats of eSignatures
  - Formats of eSeals
  - Trusted lists
  - EU Trustmark
Next steps (2): *The eIDAS Expert Group*

DG CONNECT has established an eIDAS informal expert group composed of MS experts to help the Commission prepare secondary legislation the Regulation once adopted.
Next steps (3): EU Trust Mark for QTS - The "e-Mark U Trust" Competition

Article 23 eIDAS → by 1 July 2015 implementing act to provide for specifications with regard to the form, and in particular the presentation, composition, size and design of the EU trust mark for qualified trust services
An eIDAS World

REGULATORY

- Expert Group
- Comitology
- Implementing & Delegated acts

TECHNICAL

- CEF / DSI
- LSPs
- Standardisation activities

MARKET

- Promote EU market solutions
- Negotiation with 3rd countries
- Global industrial policy

STAKEHOLDERS' ENGAGEMENT

- Communication tools
- Engagement events
- ENISA
Standardisation mandate by CEN and ETSI

1. Signature Creation & Validation
   - Certificate Authority
   - Time-stamping
   - Signing Servers
   - Validation Services
   - Rules & procedures
   - Formats
   - Signature Creation / Validation Protection Profiles

2. Signature Creation Devices
   - Common Criteria Protection profiles
   - Smart Cards
   - HSMs
   - Signing services

3. Cryptographic Suites
   - Key generation
   - Hash functions
   - Signature algorithms
   - Key lengths
   - ...

4. TSPs supporting eSignature
   - XAdES (XML)
   - CAdES (CMS)
   - PAdES (PDF)
   - AdES in Mobile envmts
   - ASiC (containers)

5. Trust Application Service Providers
   - List of TSP services approved (supervised) by National Bodies (e.g. Trusted Lists)

6. Trusted Lists Providers

http://www.e-signatures-standards.eu
**ENISA Support for eIDAS**

- **ENISA** (European Agency for Network and Information Security):
  - 2012 → [Report on the implementing eIDAS art. 15](#)
  - 2013 → [Guidelines for Trust Service Providers](#)
  - 2014 → In WP, ENISA will continue to support related activities relevant to the implementation of the provisions of the proposal, with a focus on the areas of:
    - Common audit schemes for trust services providers in Member States.
    - Technical guidelines for independent auditing bodies and supervisory authorities.
    - Proposal for incident reporting framework, discuss with NSBs.

- **European Cyber Security Month** → Oct 2014
For further information and feedback


eIDAS Regulation – consolidated text voted by the EP on 3 April 2014: bit.ly/1kC3Tnz

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EU_eIDAS