Welcome to the World of Standards

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EC Mandate 460: towards a rationalized EU framework for eSignatures

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Overview EC Mandate/460: CEN/ETSI response

The European Commission Mandate/460 on Electronic Signature Standardization aims at:

- creating the conditions for achieving the interoperability of eSignature at EU level;
- providing a rationalized standardization framework;
- providing implementation guidelines.

Overview EC Mandate/460: CEN/ETSI response

M/460 Tasks:

- Inventory of eSignature standards
- Rationalized structure for the documents
- Gap analysis
- Quick fixes
- Urgently update CWA 14167-1, -2, -4; CWA 14169
- Future development and maintenance of any deliverables produced that are not ENs

Overview EC Mandate/460: CEN/ETSI response

ETSI ESI endeavors in responding to the Mandate:

- To implement the Mandate building upon ETSI ESI ongoing work
- To speed-up the process of transformation of ETSI TSs into full ENs
- To be committed to steady maintenance and update of the ENs: in ESI stakeholders will be able to participate actively to the drafting of the standards

Overview EC Mandate/460: achievements

Three of the four ETSI STFs are terminated:

- **STF 425** (02/11 – 04/12) on Electronic Signature Framework → publication of the Special Report SR 001 604 on a Rationalized Framework for Electronic Signature Standardization in **July 2012**.
- **STF 426** (02/11 – 02/12) on Quick fixes to electronic signatures profiles → publication of XAdES, PAdES, and ASiC baseline profiles on **March 1st 2012** and of CAdES profile on **March 15th 2012**.
- **STF 427** (02/11 – ongoing) on Quick fixes to electronic signatures standards finalized the TS on Signature verification procedures and policies.
- **STF 428** (02/11 – 03/12) on Quick fixes to testing of electronic signatures standards completed its work. The three technical specifications were published. The ETSI PlugtestsTM portal has been updated for PAdES and XAdES interoperability events as well as for XAdES baseline profile conformance checking.

Overview EC Mandate/460: achievements

Four draft **ENs** (drafted by STF 427) are under Vote by the National Standards Organizations (NSO):

- Final draft EN 319 401 General Policy Requirements for Trust Service Providers supporting Electronic Signatures
- Final draft EN 319 411-2 Policy and Security Requirements for Trust Service Providers issuing certificates; Part 2: Policy requirements for certification authorities issuing qualified certificates
- Final draft EN 319 411-3 Policy and Security Requirements for Trust Service Providers issuing certificates; Part 2: Policy requirements for certification authorities issuing public key certificates
- Final draft EN 319 412-5 Profiles for Trust Service Providers issuing certificates; Part 5: Extension for Qualified Certificate profile

Overview EC Mandate/460: achievements

The technical report (TR 101 564) on guidance on ETSI TS 102 042 for Issuing Extended Validation Certificates for Auditors and CSPs has been approved. The document is intended to be used by Auditors as a guidance to assess the compliance of a CSP/CA with ETSI TS 102 042 and for CSPs to clarify the requirements to be met.

Guidance on the application of TS 102 042 (ESI – Policy requirements for the specification for certification authorities issuing public certificates) to certification authorities (CAs) issuing Baseline SSL/TLS certificates as specified by the CA Browser Forum (CAB Forum) was approved as TR 103 123 in **October 2012**.