



The Standards People



# Update on standardisation

Presented by: **Arno Fiedler**

For: **CA/B-Forum Shanghai**

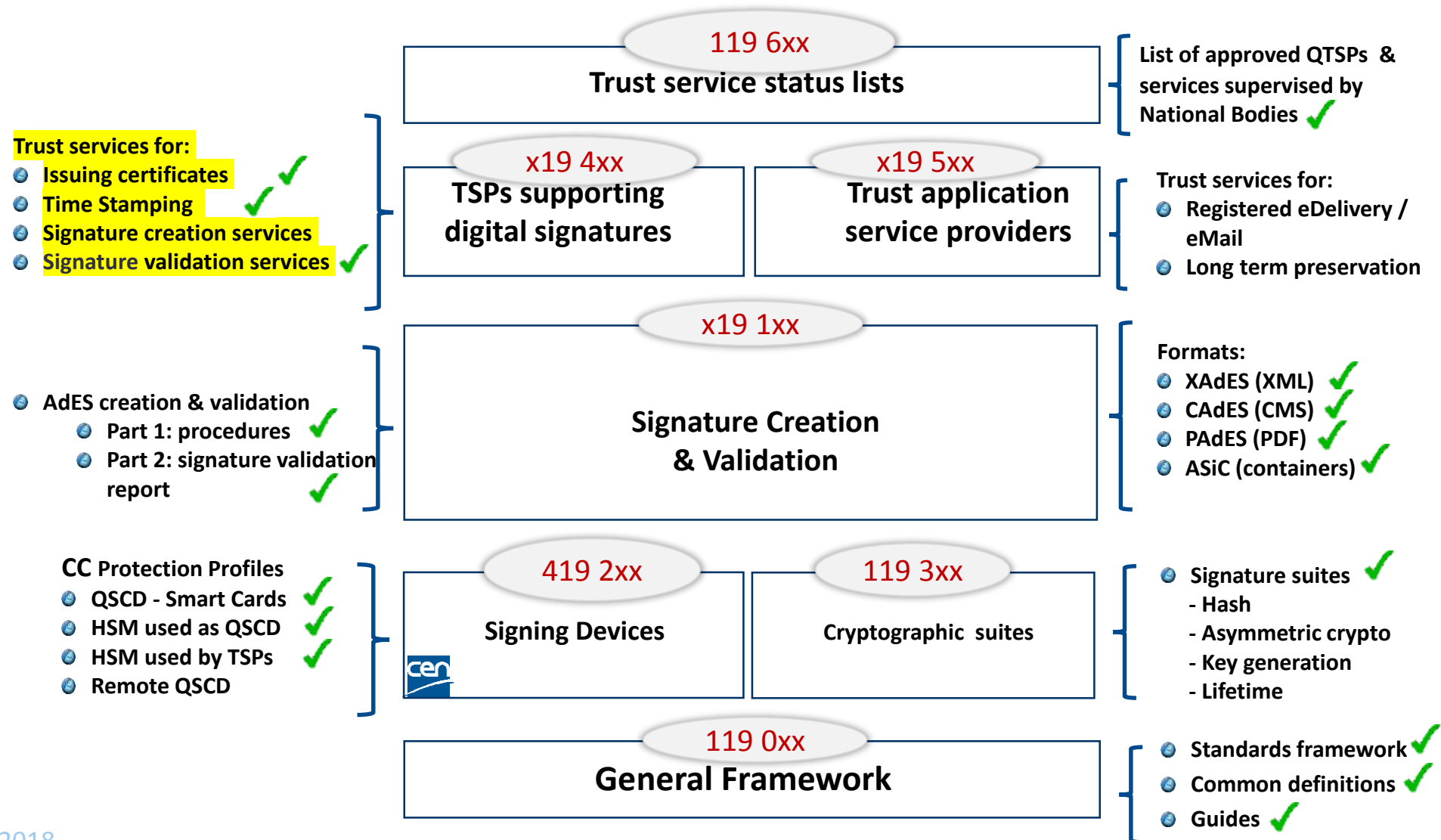
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## Facts about ETSI

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- We are a not-for-profit body with more than 800 member organizations worldwide, drawn from 66 countries and five continents.
- ETSI is one of only three bodies officially recognized by the EU as a European Standards Organization (ESO).
- Members comprise a diversified pool of large and small private companies, research entities, academia, government and public organizations.

# eIDAS Standards Framework: Published Standards





# Policy Requirements

# Trust Service Providers Supporting Digital Signatures



[EN 319 403 v2.2.2](#): Requirements for conformity assessment bodies assessing Trust Service Providers .

New (July 2018) [TS 119 403-2](#): Trust Service Provider Conformity Assessment; Part 2: Additional requirements for Conformity Assessment Bodies auditing Trust Service Providers that issue Publicly-Trusted Certificates

[EN 319 401 v2.2.1](#) (April 2018) General Policy Requirements for Trust Service Providers

[319 411-1 v1.2.2](#) (April 2018): General requirements for LCP; NCP; DVCP, IVCP, OVCP, EVCP

[319 411-2 v2.2.2](#) (April 2018): Requirements for trust service providers issuing EU qualified certificates

[TR 119 411-4 v1.1.1](#) (May 2018): Checklist supporting audit of TSP against ETSI EN 319 411-1 or ETSI EN 319 411-2

TS 119 403-2: Part 2: Additional requirements for Conformity Assessment Bodies auditing Trust Service Providers that issue **Publicly-Trusted Certificates** (e.g. as in CA/Browser Forum) (compare with Mozilla CP Chapter 3.1.4)

- ✓ Annual audit (versus bi-annually for eIDAS)
- ✓ Audit covers period of time since last audit
- ✓ Audit attestation requirements fitting web browser requirements

Published:

<https://www.etsi.org/standards-search#search=TS119403-2>

# ETSI TR 119 411-4 v1.1.1 with 500+ controls

Document reference	Technical requirement reference	Severity	CABF Requirement	DVCP	IVCP	OVCP	EVCP	NCP	NCP+	LCP	QCP-n	QCP-I	QCP-w (legal person)	QCP-w (natural person)	QCP-n with device	QCP-I with device	QCP-n-qscd	TSP Overall	Registration services	Certificate generation services	Dissemination services	Revocation management services	Revocation management services	Subject status services	eIDAS supported services	Regulation (sub) applicable by the Policy	
ETSI 319 411- ]	<a href="#">OVR-6.9.2-01</a>	shall									Y	Y	Y	Y	Y	Y	Y										
ETSI 319 411- ]	<a href="#">OVR-6.9.2-01</a>	shall		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y										
ETSI 319 411- ]	<a href="#">OVR-6.9.2-02</a>	should		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y										
ETSI 319 411- ]	<a href="#">OVR-6.9.2-03</a>	shall	clause 2.2 of BRG	Y	Y	Y	Y					Y															
ETSI 319 411- ]	<a href="#">OVR-6.9.2-04</a>	shall	clause 3.2.6 of BRG	Y	Y	Y	Y					Y															
ETSI 319 411- ]	<a href="#">OVR-6.9.3-01</a>	shall									Y	Y	Y	Y	Y	Y	Y										
ETSI 319 411- ]	<a href="#">OVR-6.9.3-01</a>	shall		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y										
ETSI 319 401]	<a href="#">REQ-7.13-03</a>	shall		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									Article 15	

# Global acceptance of European Trust Services

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## Study report on Global Acceptance of EU Trust Services

- Analysis of international, regional and sector specific communities adopting Public Key Infrastructure technology

## International co-hosted workshops:

- Target regions; Asia, North America, South America, Africa



# Conclusions

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Information on available standards and current activities:

<https://portal.etsi.org/TBSiteMap/ESI/ESIActivities.aspx>

ETSI standards: **available for free download**

<http://www.etsi.org/standards-search>

CEN standards: available through National Standards Organisations

Updates on standardisation:

[https://list.etsi.org/scripts/wa.exe?SUBED1=e-signatures\\_news&A=1](https://list.etsi.org/scripts/wa.exe?SUBED1=e-signatures_news&A=1)



**Accredited Conformity Assessment  
Bodies Council (ACAB-c)**

**Philippe Bouchet**

**CA/B Forum Meeting – October, 2018  
Shanghai**



# Different players for different systems with different wording...

- Auditors, Auditing Companies, Conformity Assessment Bodies
- Standardization organization or assimilate (ISO, ETSI, CAB/Forum, Webtrust)
- Accreditation organization (IAF, EA, NAB)
- Scheme owner (Browsers, governmental entity, Trade association....)
- Other Stakeholder (ACAB'C, Webtrust)
- Certification system can be under accreditation or not

## ACAB'c in short

- **Association of CAB, all are private companies**
- **Members provide conformity assessment of TSP**
  - **Based on different standards (ISO, ETSI, CEN, CA/B Forum , Private initiative)**
- **Trusted by accreditation based on ISO standards (ISO 17065)**
- **Certification recognized in “IAF world”/EA**
- **ACAB'c members conduct certification activities all over the world and particularly in half of the European countries**
- **ACAB'c members qualified one third of all European qualified TSPs that are included in the EU Trusted List**

# ACAB'c in short

- **Members are independent of software or service providers or any government**
  - Independent companies
  - Taking certification decision (main difference with simple audit service)
- **Impartiality**
  - An independent comity to monitor activity
  - Accreditation by national body (NAB)
  - Requirements for publicly available information on TSP conformity and CAB practices (certification regulations)
- **Competence**
  - Competent auditors (requirements based on ISO 17021, 17065, EN 319 403)

# ACAB'c full members

- **LSTI : chairmanship**
- **TUV-IT GE : vice chairmanship**
- **KPMG**
- **Datenschutz**
- **3 other members with on going application**
- **Potential other members : about 20 accredited CABs in EU**

# Main Challenges addressed by ACAB'c

- Auditor's competence
- Type of audit and Audit Time
- Type of Reports

For further information or in order to register, please contact us at:

[www.acab-c.com](http://www.acab-c.com)



The Accredited Conformity Assessment Bodies'  
council

72 Bd Edgar quinet

75014 Paris – France

Secretariat Armelle Trotin + 33 608 675 144

[secretary@acab-c.com](mailto:secretary@acab-c.com)