

Trust in a Digital Society



European Commission

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eIDAS Regulation Update

ENISA Trust Forum

Berlin

25 September 2019

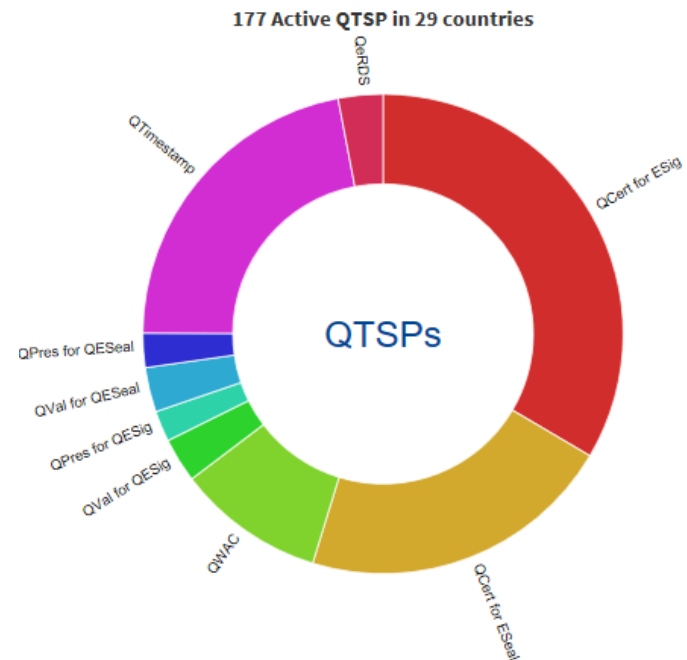
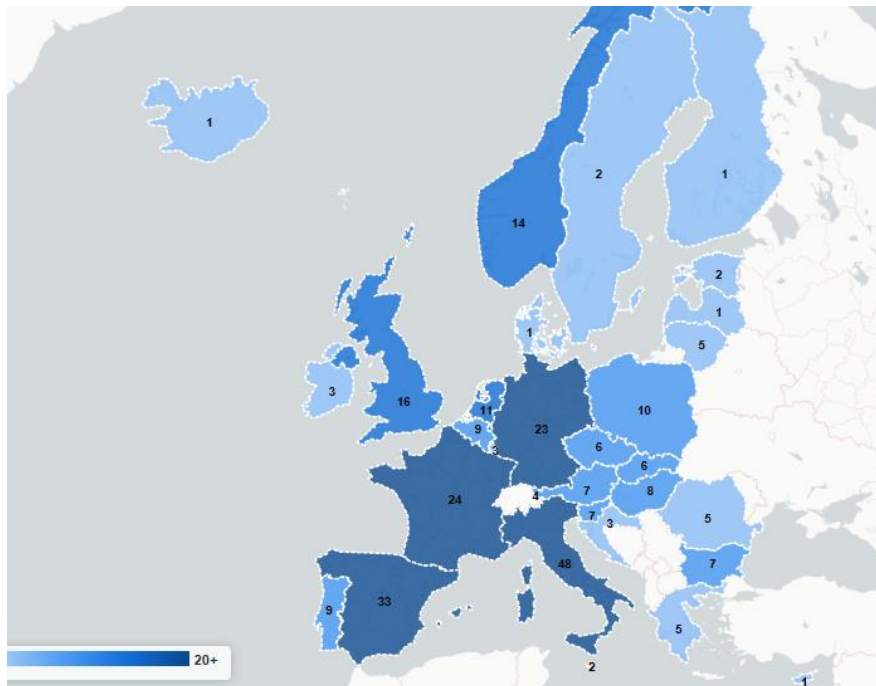
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European Commission

Directorate-General for Communications Networks,
Content and Technology (DG CONNECT), Unit H.4 -
eGovernment and Trust

- 1 eID notifications and qualified trust service providers
- 2 New standards formats of advanced signatures/seals, QSCDs
- 3 QWACs
- 4 International outreach
- 5 eIDAS review

Qualified trust service providers



The eIDAS notification mechanism for national eID Schemes and Member State collaboration/peer review – Collaboration Network

 **Andrus Ansip** 
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From 29 September 2018 you have the right to use your national e-ID across borders in Europe #EIDAS for instance to access public services or to sign up easily and safely to private online services. #egovernment #egov #digitalrights #EUandMe



#DIGITALRIGHTS
In the Digital Single Market

Better online public services

- including **rights** to
 - use your **national ID** across borders
 - ask for birth certificates, start a business, and more online
 - submit information **only once**

#DigitalSingleMarket #EUandMe

Notified eID schemes		
	Country	Publication
	Germany	26 Sept 2017
	Italy	10 Sept 2018
	Spain	7 Nov 2018
	Luxembourg	7 Nov 2018
	Estonia	7 Nov 2018
	Croatia	7 Nov 2018
	Belgium	27 Dec 2018
	Portugal	28 Feb 2019
	United Kingdom	2 May 2019
	Netherlands	13 Sep 2019
	Czech Republic	13 Sep 2019

- **Latvia, Belgium and Slovakia** - peer-reviewed
- **Denmark** – pre-notified

Anti-Money-Laundering Directive 5 (AMLD5) – Directive (EU) 2018/843

Published in official journal on 19/06/2018

Payment Service Directive 2 – Directive (EU) 2015/2366

Commission Delegated Regulation (EU) 2018/389 – Regulatory Technical Standards for Strong Customer Authentication

Once-Only Principle cross-border

EU Regulation 2018/1724 on Single Digital Gateway of 02/10/2018

Digital on-boarding and portability of Know-Your-Customer

EC Expert Group on eID and remote Know-Your-Customer (5th meeting held on 23 May 2019) – jointly managed by CNECT, JUST and FISMA

Company law

Proposal to amend the Directive (EU) 2017/1132 adopted by European Commission on 25/04/2018 as regards the use of digital tools and processes in company law

Tackling online disinformation / Fighting fake news

COM(2018) 236 final adopted on 26/04/2018

GDPR compliance

Data minimisation; use of trusted attributes, credentials and entitlements (such as age verification, proof of residence, etc.)

Audio-visual Media Service Directive

Protection of minors / age verification and parental consent

...





Cross-border use of eID and remote KYC processes

Commission Expert Group - to explore how to facilitate the cross-border use of eID and Know-Your-Customer (KYC) portability based on identification and authentication tools under eIDAS

Joint EG (CNECT, FISMA, JUST) set up in 2017 with mandate until end of 2019

Composition (36 members + 3 observers EBA, EDPS, ECB):

- 7 members of the eIDAS Cooperation Network
- 7 members of the Expert Group on Money Laundering and Terrorist Financing
- 7 members of the Joint Committee of the European Supervisory Authorities
- 15 financial institutions and consumer organisations (call for applications)

Tasks - to provide expertise to the Commission as it explores issues relating to eID and remote KYC processes based on eIDAS for the purposes of digital on-boarding.

- Priority Group 1 - assessment of existing remote on-boarding solutions in the banking sector; recommendations on best practices and for conformity assessment principles for remote on-boarding systems and electronic identity management systems
- Priority Group 2 - opinion on the need for, and the scope of, a framework for portable KYC/CDD solutions; assessment of the minimum set of attributes necessary for CDD purposes and the appropriate level of assurance as per eIDAS (high, substantial and low)

New standards for formats of advanced electronic signatures and advanced seals

Standards currently referenced in CID (EU) 2015/1506

[ETSI TS 103173 v.2.2.1](#) (CAAdES Baseline Profile)

[ETSI TS 103171 v.2.1.1](#) (XAdES Baseline Profile)

[ETSI TS 103172 v.2.2.2](#) (PAdES Baseline Profile)

[ETSI TS 103174 v.2.2.1](#) (Associated Signature Container Baseline Profile)

Newer versions of standards for the same formats

[ETSI EN 319 122-1 V1.1.1 \(2016-04\)](#)

CAAdES digital signatures; Part 1: Building blocks and CAAdES baseline signatures

[ETSI EN 319 132-1 V1.1.1 \(2016-04\)](#)

XAdES digital signatures; Part 1: Building blocks and XAdES baseline signatures

[ETSI EN 319 142-1 V1.1.1 \(2016-04\)](#)

PAdES digital signatures; Part 1: Building blocks and PAdES baseline signatures

[ETSI EN 319 162-1 V1.1.1 \(2016-04\)](#)

Associated Signature Containers (ASiC); Part 1: Building blocks and ASiC baseline containers

New standards for certification of qualified signature and seal creation devices (QSCDs)

Current standards: CID (EU) 2016/650

- Only cover 'Type 1' (non-remote).
- Type 2 ('remote QSCDs') certified through 'alternative methods' (as per Article 30(3)(b)).

New standards:

- EN 419 221-5:2018 (Protection Profiles for TSP Cryptographic Modules - Part 5 - Cryptographic Module for Trust Services).
- EN 419 241-2:2019 (Trustworthy Systems Supporting Server Signing Part 2: Protection Profile for QSCD for Server Signing).



QWACs, (Qualified Certificates for Website Authentication)

- Since November 2018 informal discussions Commission – browser vendors – Joint undertaking
- Progress made towards an Action Plan
- Next meeting 26 September 2019 (Berlin)
- PSD2

International Outreach

At multilateral level

- **UNCITRAL** Working Group IV on eCommerce
- **WTO negotiations on eCommerce:** Chapter on eIDs and trust services – Ambitious EU approach

At bilateral level

- eIDAS Regulation **Article 14:** Mutual recognition of 3rd countries Qualified Trust Services via international agreements – eIDs can also be recognised

Technical interoperability through standards

- Key for mutual recognition: EU supports ETSI study on PKI-based trust services around the world

Update on UNCITRAL work

- *Creating a global standard for the recognition of eID and trust services in **B2B for trade***
- *Decisive session (8-12 April 2019, New York) – **Draft Provisions on the Cross-Border recognition of Identity Management and Trust Services:***
 - ***holistic approach** embracing digital eIDs and trust services*
 - ***key principles and elements of eIDAS federating model***
- *Constructive cooperation with US/CAN/JP/RUS/CHINA/SGP*
- *Next session (25-29 November, Vienna): **Effective EU-MS coordination key to success***

Update on bilateral relations

US and Canada

- *High level DG CONNECT visit (May 2019) – Meetings with administration and companies: Facebook, Twitter, Google...*
- *Pan-Canadian Trust Framework under development – alignment to eIDAS on key principles, definitions and assurance levels*

Japan: *long-standing cooperation and use of eIDAS standards for trust services – Next milestone: EU-Japan ICT Dialogue (Tokyo, December 2019)*

Singapore: *pilot on eIDs and trust services for students*

*Interest in mutual recognition from: **Ukraine, Georgia, United Arab Emirates, Argentina, Mexico...***

eIDAS review

Art. 49 foresees review of the **application of the Regulation** and **reporting obligation** to the European Parliament and to the Council **by July 1, 2020**.

Evaluation on the basis of the **application experience and technological, market and legal developments**.

Scope:

- to what extent the eIDAS framework remains fit for purpose
- delivering the intended outcomes, results and impacts
- identify possible further actions to improve regulatory performance

In line with the **Better Regulation** guidelines, the evaluation will assess the **effectiveness, efficiency, relevance, coherence and EU added-value**.

eIDAS review - process

Planning, political validation (Q2-Q3 2019)

- DECIDE-PLAN/2019/5749
- Evaluation Roadmap

Consultation

- Open public consultation Q4 2019 – online 12 weeks
- Targeted stakeholders consultation - questionnaires and/or structured interviews
- Engagement of the key stakeholders

External study to support the evaluation

- Results of the consultation activities
- Interim and final deliverables

Adoption process

- Inter-service Steering Group
- RSB
- Internal consultation and adoption
- Publication and reporting to EP and the Council

Web page on eIDAS

<http://ec.europa.eu/digital-agenda/en/trust-services-and-eid>

eIDAS Observatory

<https://ec.europa.eu/futurium/en/eidas-observatory>

Text of eIDAS Regulation in all languages

<http://europa.eu/!ux73KG>

Connecting Europe Facility – Catalogue of Building Blocks

<https://ec.europa.eu/cefdigital>

eIDAS twitter account

[@EU_eIDAS](https://twitter.com/EU_eIDAS)

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