



ENISA Trust Services Forum

22nd September 2020, Berlin





DG CNCT H4

Anders Gjoen

22nd September 2020, Berlin



Overview


2020 – Overview of Trust Services/eID in the EU	5
The eIDAS review – state of play	6
QWACs – state of play	9
International – global standards	10
CII task force	14
CEF programme	15
eSignature	16

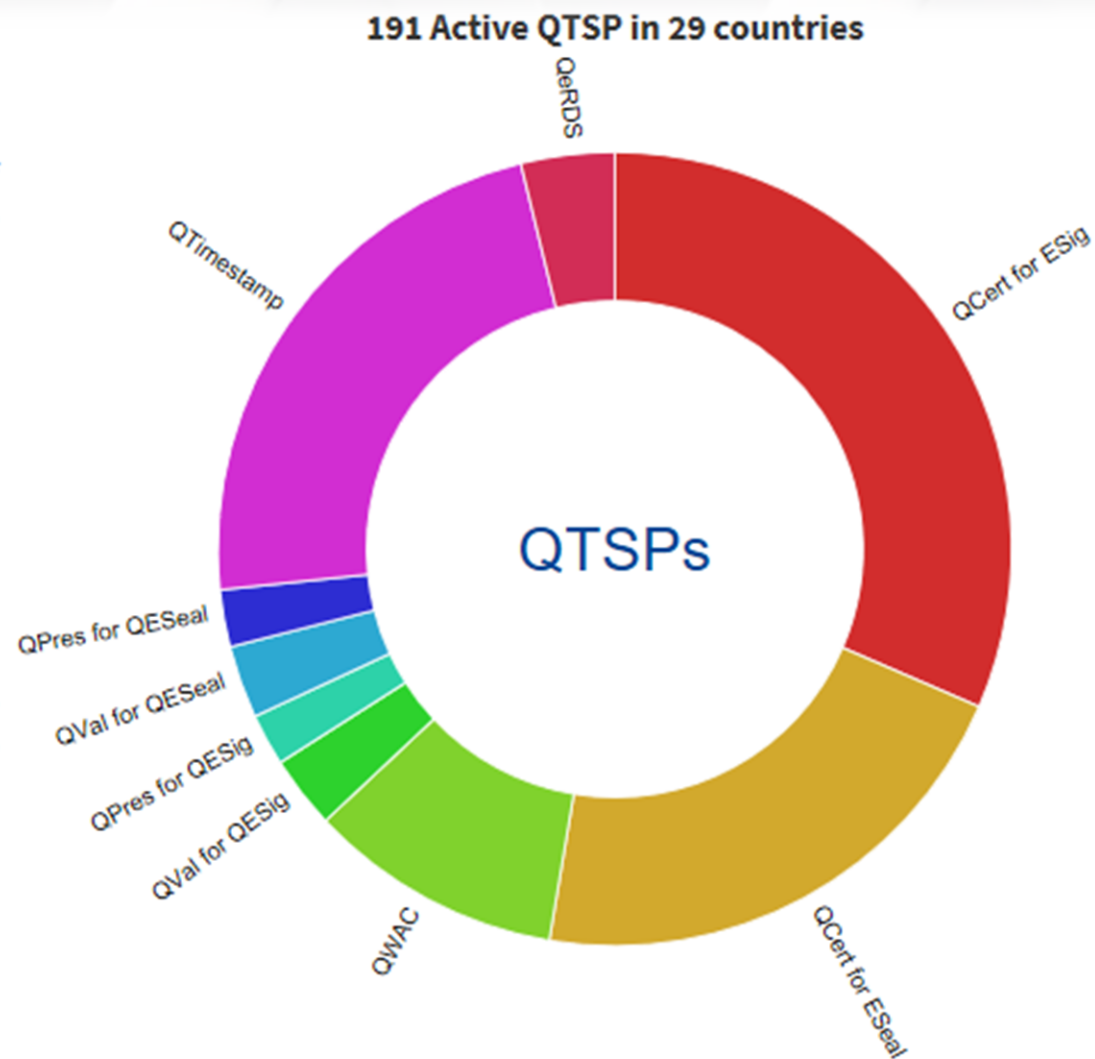
Number of active qualified trust service providers (QTSPs) per type.

Breakdown per type of qualified trust services. There are 9 types of qualified trust services, as defined in the Regulation n°910/2014 (the “eIDAS” Regulation). These types are:

- Qualified certificate for electronic signatures
- Qualified certificate for electronic seals
- Qualified certificate for web site authentication
- Qualified validation of qualified electronic signatures
- Qualified validation of qualified electronic seals
- Qualified preservation of qualified electronic signatures
- Qualified preservation of qualified electronic seals
- Qualified electronic time stamps
- Qualified electronic registered delivery

Please refer to [ETSI TS 119 612 v2.1.1](#) for further details on the information contained in a trusted list, in particular Section 5.5.1 “Service type identifier” for a description of the different (qualified) types.

 Click on a pie slice to see details of type by country. Click again anywhere on chart to come back to global overview.



Unlock the EU Single Market with eID & Trust Services

AMLD5 – Directive (EU) 2018/843

Published on OJEU 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

[Regulation \(EU\) 2018/1724](#) on Single Digital Gateway

Digital on-boarding and portability of KYC

EC Expert Group on eID and remote KYC jointly managed by CNECT, JUST and FISMA ([final reports](#))

Company law

[DIRECTIVE \(EU\) 2019/1151](#) amending Directive (EU) 2017/1132 as regards the use of digital tools and processes in company law – [consolidated text](#)

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.)
















Audiovisual Media Service Directive

Protection of minors / Age verification and parental consent

...



Overview of notified eID schemes under eIDAS

Country	eID scheme	Publication in OJ	Country	eID scheme	Publication in OJ
 Germany	National ID card	26.9.2017	 UK	GOV.UK Verify	2.5.2019
 Italy	SPID	10.9.2018	 Czech Republic	National eID card	13.9.2019
	National eID card	13.9.2019			
 Spain	National ID card	7.11.2018	 Netherlands	eHerkenning	13.9.2019
				DigiD	Pre-notified
 Luxembourg	Luxembourg eID card	7.11.2018	 Slovakia	National eID card	18.12.2019
 Estonia	ID card, Mobiil-ID, e-Residency	7.11.2018	 Latvia	eID karte, eParaksts	18.12.2019
 Croatia	Personal ID card (eOI)	7.11.2018	 Denmark	NemID	8.04.2020
 Belgium	Citizen eCard	27.12.2018	 Lithuania	National eID card	Pre-notified
	FAS/itsme	18.12.2019			
 Portugal	National ID card	28.2.2019	~58% of the EU population covered by notified eID schemes		
	CMD - mobile	8.04.2020			

The eIDAS review – state of play

- **Article 49**
The Commission shall review the application of this Regulation and shall report to the European Parliament and to the Council no later than 1 July 2020.
- **Strategy for Digital Europe**
Commission announced for Q4 a revision of the eIDAS Regulation
- In June 2020 TTE Council Conclusions “**Shaping Europe's Digital Future**” call for a European Digital Identity, which is widely usable, secure and interoperable for secure government and private online transactions
- **Evaluation of the eIDAS framework** (Evaluation study of the eIDAS Regulation)
- **Study to support the impact assessment**
- **Extensive contact with stakeholders**



“Every time an App or website asks us to create a new digital identity or to easily log on via a big platform, we have no idea what happens to our data in reality. That is why the Commission will soon propose a secure European e-identity. One that we trust and that any citizen can use anywhere in Europe to do anything from paying your taxes to renting a bicycle. A technology where we can control ourselves what data and how data is used.”

President von der Leyen (16/9)

“Modernise - EU-ID and key digital public services should be modernised and accessible to all. Secure and EU-wide electronic identification and authentication vis-à-vis governments and private actors and access to their services, will provide citizens with control over their online identity and data as well as enable access to online digital services. The digitalisation of public administration and services will increase the effectiveness of both. This includes also the justice and healthcare system. By 2025, Member States should ensure the provision of a European digital identity (e-ID) and public administrations should be providing interoperable, personalised and user-friendly digital public services.”

Brussels, 17.9.2020
COM(2020) 575 final

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN
PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, THE EUROPEAN
CENTRAL BANK, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE,
THE COMMITTEE OF THE REGIONS AND THE EUROPEAN INVESTMENT
BANK

QWACS – state of play

Informal working group browser vendors



This website uses a **QWAC** (qualified website authentication certificate) ✕

Nowina Solutions, an organization active in computer programming activities, is this website's (nt-qwac.nowina.solutions) domain owner (DNO), technical operator (DNT) and business operator (DNB).

More certified information about **Nowina Solutions** is available in the QWAC.

This QWAC has been issued by the trust service provider named "**Test Qualified Trust Service Provider for QWACs - QWAC service (BE)**" and verified against [EU trusted lists](#).

[Click here](#) (for more details about the certificate)

How Europe sets global standards?

At multilateral level

UNCITRAL

Working Group IV on eCommerce

WTO negotiations on eCommerce

Chapter on eIDs and trust services

At bilateral level

eIDAS Regulation Article 14

Mutual recognition of 3rd countries Qualified Trust Services via international agreements – eIDs can also be recognised

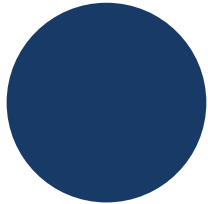
Free Trade Agreements

Currently with Australia

Capacity-Building and support

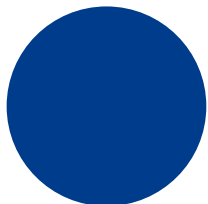
More in detail...

At multilateral level



UNCITRAL

- Comprehensive approach embracing **both eIDs and trust services**
- Emphasis on the **private sector and ecommerce**
- **Draft provisions** based on H4 input: Key principles, definitions and elements of eIDAS (global and hollisitc)
- Shaping **questionnaire** on way forward + **Consolidated EU-MS comments (30/6) (progress despite COVID)**
- Next session in **19 - 23 October - Towards a Model Law in 2021**

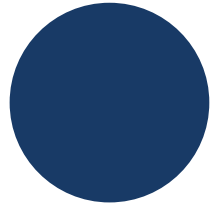


WTO negotiations on eCommerce

Definitions + Inclusion of all eIDAS trust services – Not only electronic signatures

More in detail...

At bilateral level

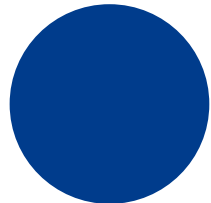


US, Canada and Japan

US: State legislation of Virginia close to eIDAS – (priority)

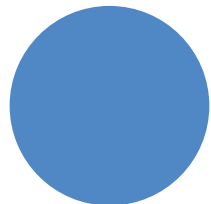
Canada: Pan-Canadian Trust Framework – alignment to eIDAS

Japan: long-standing cooperation - use of eIDAS standards for electronic signatures. Shifting up the gear and do a pilot (legal assessment and technical project on Trusted Lists)



Request for or Interest in mutual recognition

Ukraine, Georgia, Serbia, Brazil, Singapore, United Arab Emirates...



Capacity-building and support

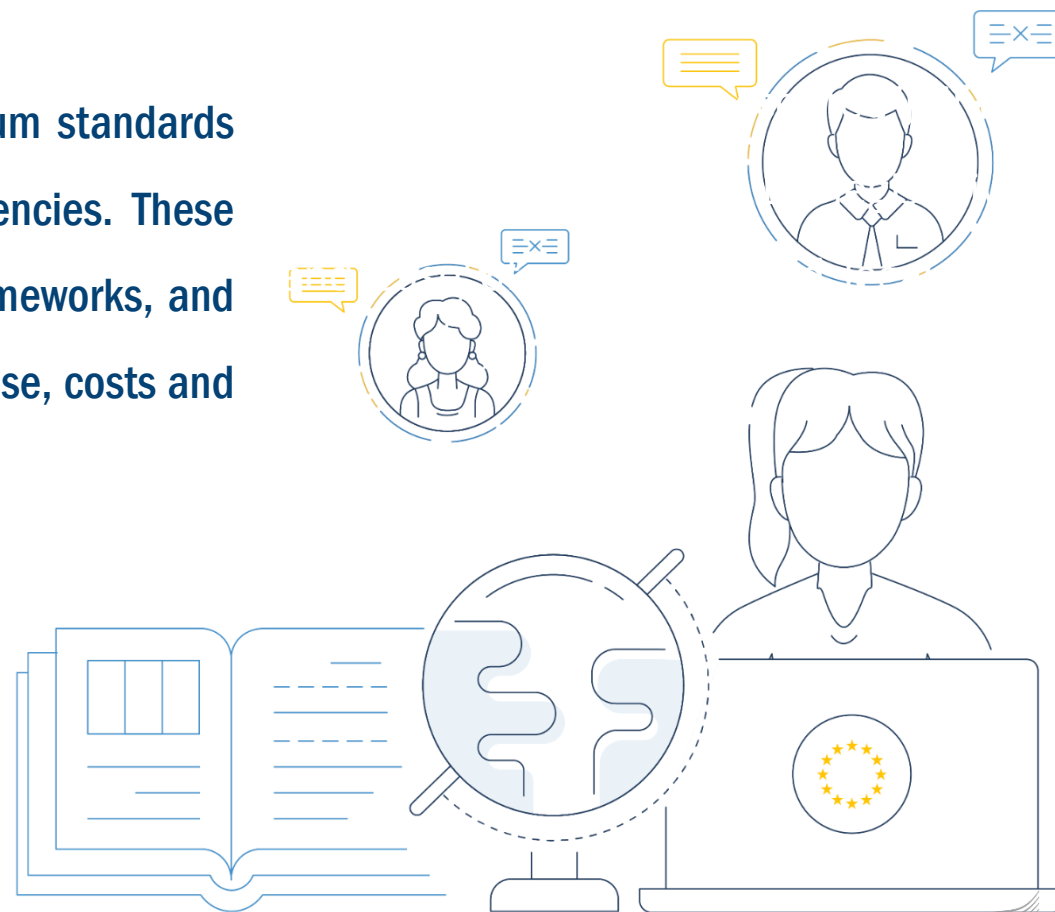
Eastern Partnership Countries, Western Balkans: EU4Digital, WB Regional Cooperation Council

Africa: A priority of the German Presidency - Blueprint on Digital ID by Smart Africa Initiative, Morocco

CII Taskforce on digitalization – Electronic Signature

Mission

Examine the relevant issues and make recommendations for minimum standards which could be accepted jointly by EU institutions, bodies and agencies. These recommendations must be consistent with existing EU legislative frameworks, and strive to find an appropriate balance between efficiency and ease of use, costs and legal and other risks.



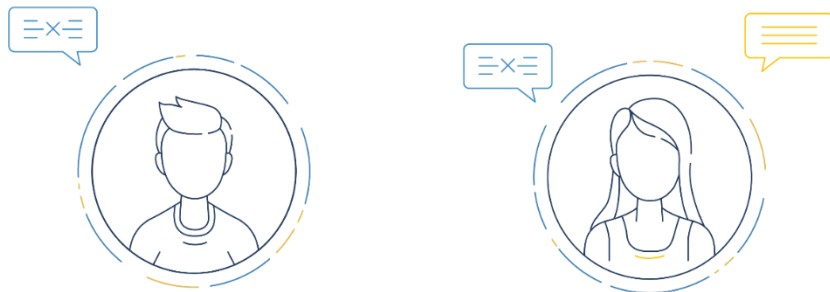
Connecting Europe Facility (CEF) programme

CEF is a programme of the European Commission whose mission is to increase the interconnection between trans-European networks by helping public administrations, businesses and citizens to fully benefit from what digital has to offer.

It promotes the adoption of common digital standards by:

- Providing **technical support** to Public Administrations and businesses in their digital transition;
- Helping them develop **secure, interoperable digital services**;
- Providing funding to projects that can contribute to a more connected Europe.

This support package comes in the form of **Building Blocks**.



eSignature

eSignature at glance



Fast



Reliable



Secure

A Free Service...

... that offers a valuable contribution to the creation of **Trust Services** in Europe by providing reference software, trainings and continuous support to member states

?CEF Generic Services grants?



Reference Software

Providing its users with the necessary tools to comply to eIDAS (e.g. DSS Library, TL Browser and TL Manager, EU LOTL), thereby making the whole ecosystem more intuitive and user-friendly



Delivering Continuous support

Hands-on support is offered to any eSignature user through a Service Desk



Trainings to TLSO Community

Regular trainings are given to the TLSO Community to ensure error-free and conformant Trusted Lists.



Q&A