

E-GOVERNMENT AND DIGITAL TRUST, EXPERIENCE FROM ABROAD

DIGITAL TRUST & PAPERLESS CONFERENCE - APRIL 2018



ABOUT SAFELAYER

- **Independent Software vendor – ISV**
- **Cyber security technologies for critical infrastructures**
- **Since 1999**
- **VARs in EMEA+LATAM**
- **Madrid + Barcelona**

PKI for
secure eIDs

WAC and
devices (IoT)

eID validation
and federation

Electronic
signature and
mobility

STANDARDIZATION AND QUALITY

STANDARDS



CERTIFICATIONS / HOMOLOGATIONS



ETSI CADES/XADES
Interoperability Tests



Mobile ID Award



NATO Secret classified



MAJOR SHIFT IN TRUST SERVICES

Directive 1999/93/EC

- Advanced electronic signatures (AES)
- Qualified electronic signatures (QES)



eIDAS Regulation 2014

- More trust services are now regulated
- Boost trust and convenience
- Normalizes remote signature for AES/QES
- Cross-border transactions (EU Trusted Lists)

Regulation (EU) N°910/2014 on electronic identification and trust services for electronic transactions in the internal market (eIDAS Regulation) consilium.europa.eu/uedocs/cms_data/docs/pressdata/en/trans/144112.pdf. Source: ec.europa.eu/digital-agenda/en/trust-services-and-eid

STANDARDIZATION FORUMS



European Committee for Standardization

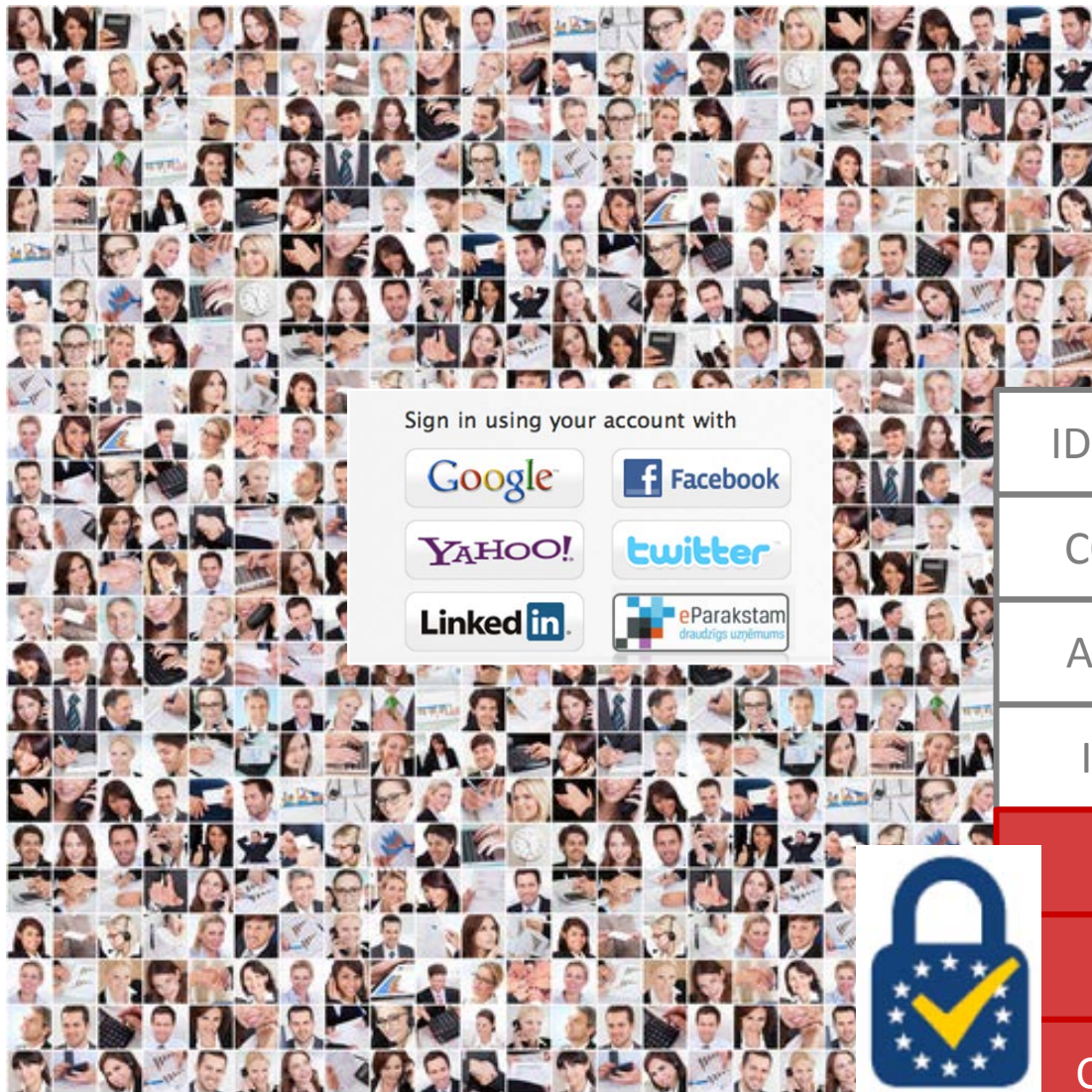
- The CEN/TC 224/WG17 workgroup, in which **Safelayer** is actively participating, is heading work on technical specification for server signing requirements (CEN/EN 419 241 series)



Remote Signing Protocol

- Group of industry and academic organizations committed to standardize the protocols for cloud-based digital signatures that will support web and mobile applications. **Safelayer** participates as a co-founder.

DIGITAL TRUST IMPLEMENTATION



IDENTIFICATION

CONVENIENCE

API ECONOMY

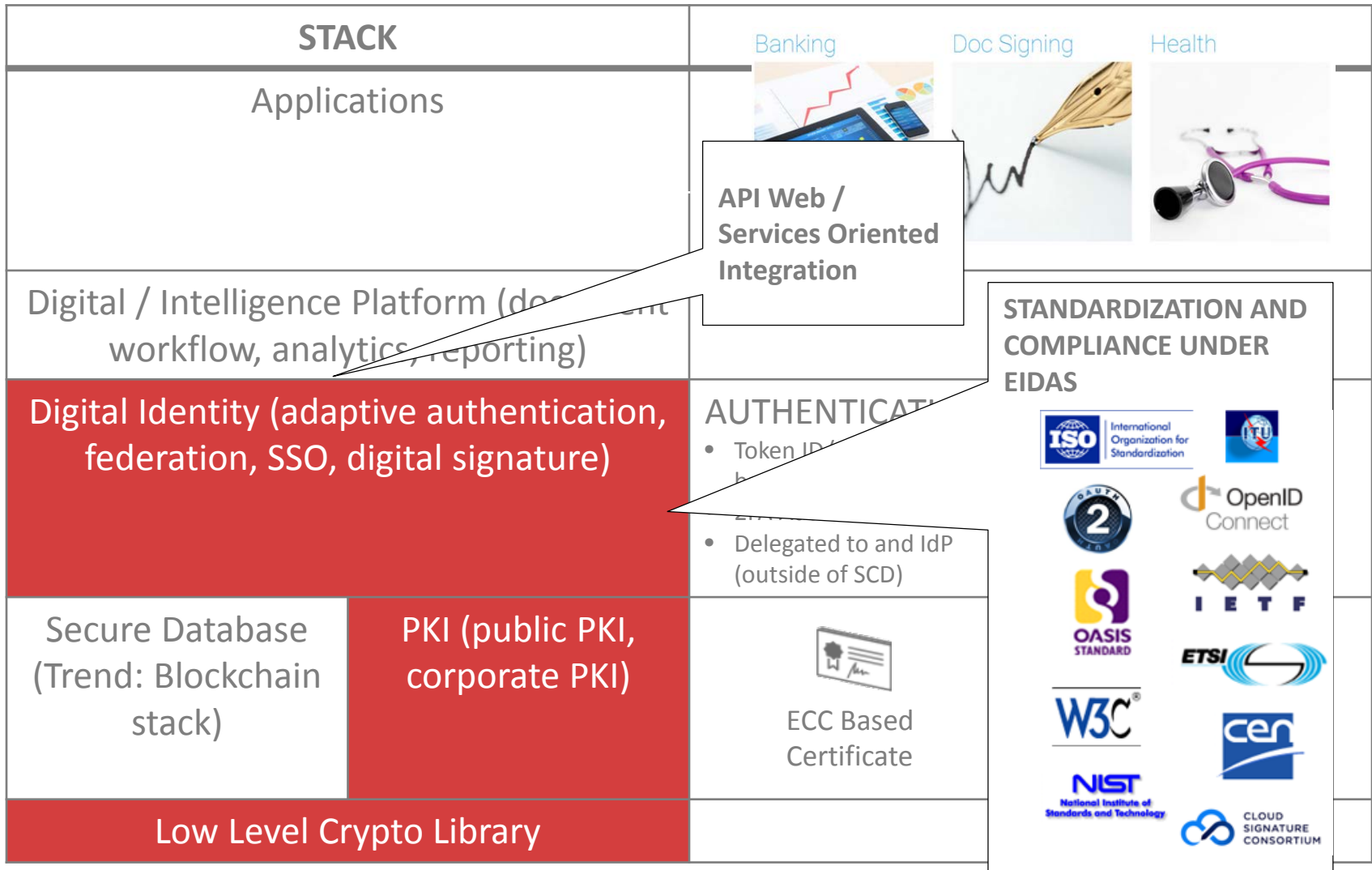
INNOVATION

TRUST

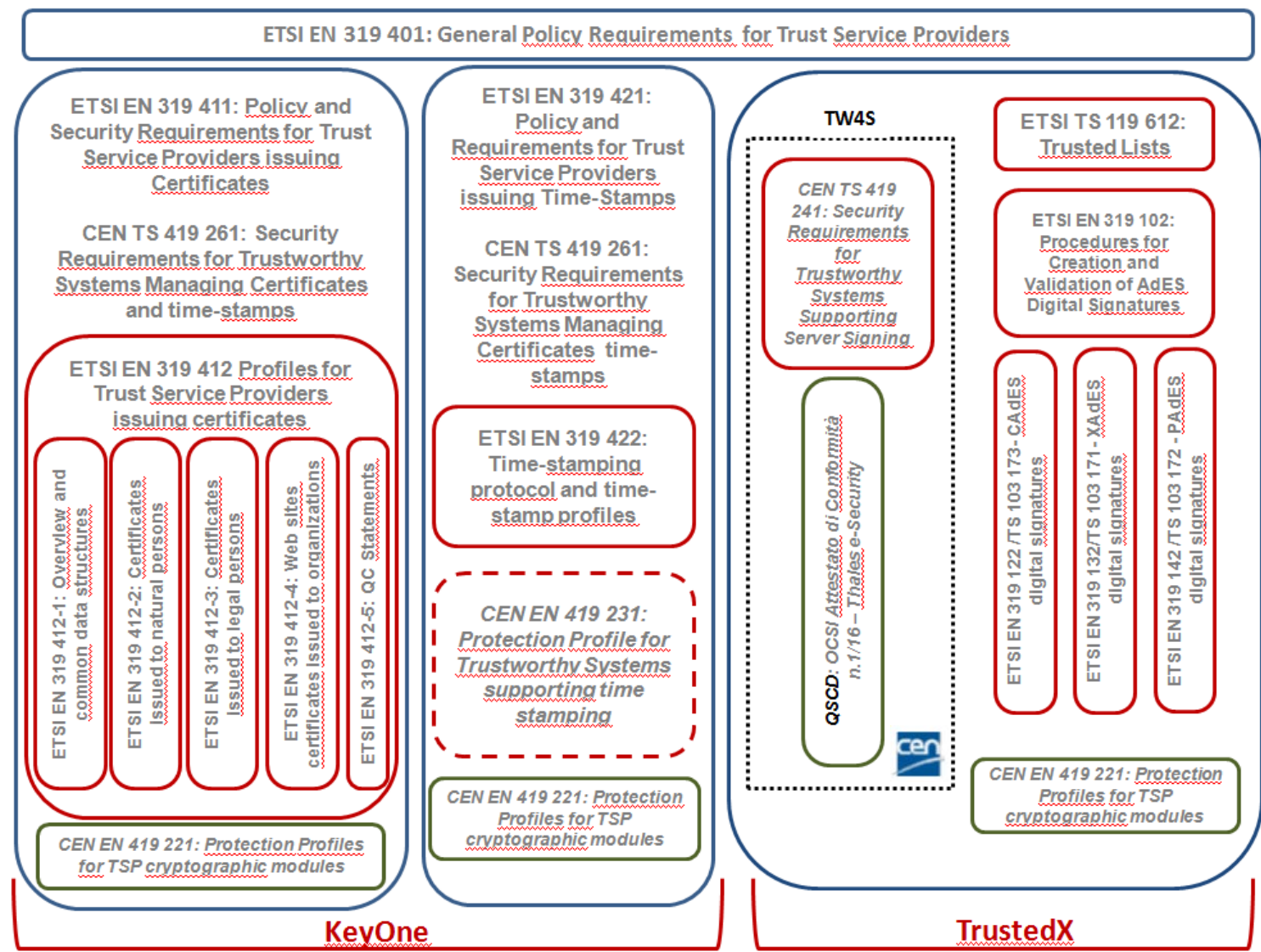
SIGNATURE

COMPLIANCE

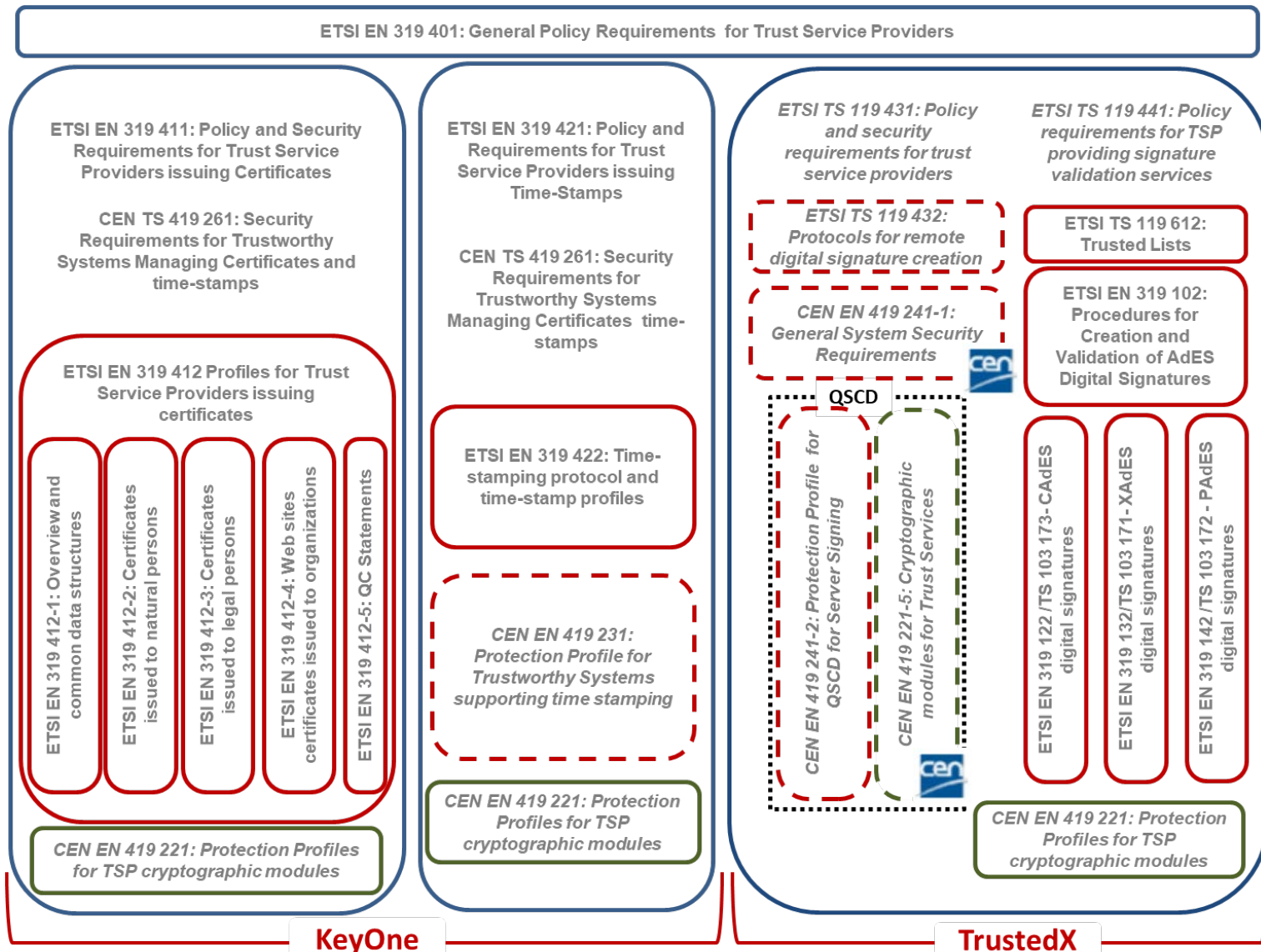
DIGITAL TRUST STACK



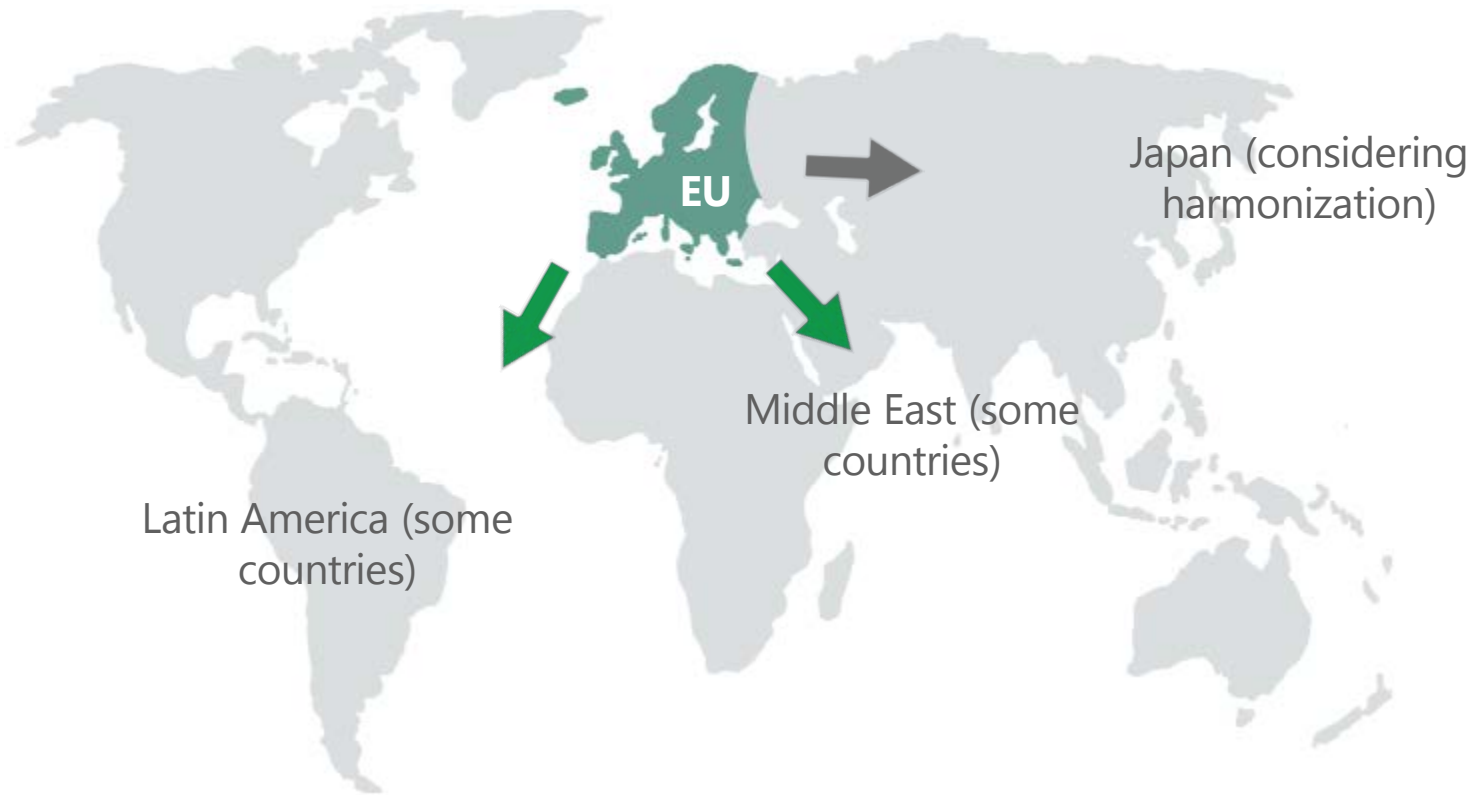
STANDARDIZATION AND COMPLIANCE UNDER EIDAS (I/II)



STANDARDIZATION AND COMPLIANCE UNDER EIDAS (II/II)



STANDARDIZATION AND GEOGRAPHIES



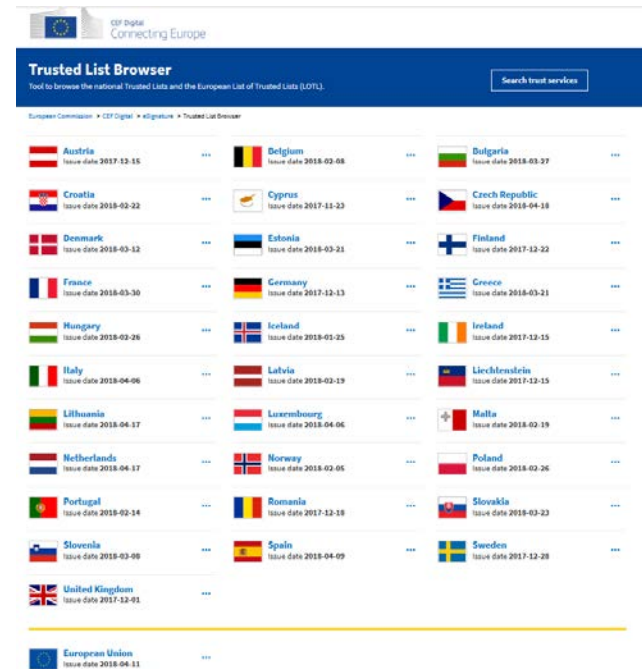
Countries outside EU interested in Mobile ID and ETSI standards for remote signing

(*) Source: Safelayer

SAFELAYER EXPERIENCE

- Mobile and cloud trends require new forms of identity that provide Trust and Convenience
- Global acceptance of standards is the result of years of work by international working groups (*)
- Increase of AES and QES signatures types using Mobile and/or Remote Signature
- Increase of QTSP providing eSig/eSeals QCerts

(*) CEN/TS 419241 – Security Requirements for TW4S
where published in April 2014



<https://webgate.ec.europa.eu/tl-browser/#/>
More than 150 QTSPs issuing QCs over
29 countries TL (19-06-17)

SAFELAYER DEMO PORTAL

Demo Online : <http://demo.safelayer.com>

Safelayer ID Services demo portal

Identity Services, aka "eIDAS", is the new concept for electronic IDentification (eID), Authentication (A) and Signature (S) proposed by Safelayer

Banking



Doc Signing



Health



Thanks

www.safelayer.com
+34 917 080 480

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