



eIDAS Regulation (EU) 910/2014

The European perspective – the role of eIDAS in boosting trust in the Digital Single Market

**UN/CEFACT Mini-Conference on
«Ensuring Legally Significant Trusted
Transboundary Electronic Interaction»
29.03.2017, Geneva**

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eIDAS Regulation: scope and main principles

eIDAS Regulation

eID

**Trust
Services**

(eDocuments)

Notification of
schemes

Assurance
levels – low,
substantial,
high

Closed list at
EU level

Non-
discrimination
and legal
value

Non-
discrimination

Mutual
recognition

Public sector

Qualified and
nonqualified

Supervision –
conformity
assessment

Shall not be
denied legal
effect

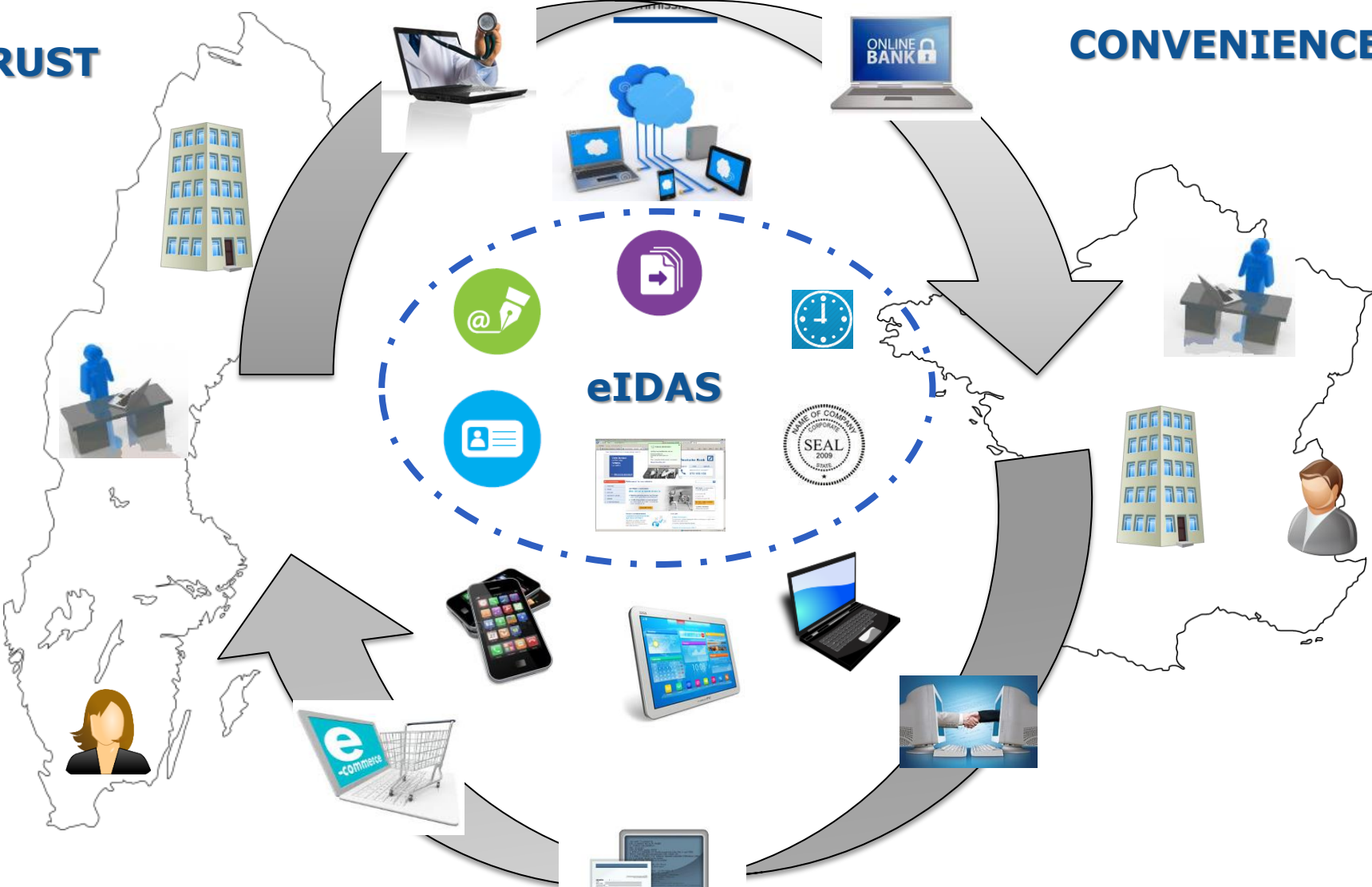
eIDAS: boosting trust &



supporting businesses!

TRUST

CONVENIENCE



CROSS-BORDER

SEAMLESS

E-INVOICE

Where does eIDAS have an impact?



UMM&DS - Uniform User Management and Digital Signatures

eHGI - eHealth Governance Initiative

ECI - European Citizens' Initiative

ESSN - European Social Security Number

SUP - Directive on single-member private limited liability companies

PSD2 - Revised Directive on Payment Services

AML4 - 4th Anti-Money Laundering Directive



The eIDAS Legal Framework

	Legal Act	Reference	Adoption date	Entry into force
	eIDAS Regulation	910/2014	23.07.2014	17.09.2014 (1.07.2016 - application provisions on TS)
eID	ID on procedural arrangements for MS <u>cooperation</u> on eID (art. 12.7)	2015/296	24.02.2015	17.03.2015
	IR on <u>interoperability framework</u> (art. 12.8) <i>Corrigendum C(2015) 8550 of 4.02.2016</i>	2015/1501	8.09.2015	29.09.2015
	IR <u>assurance levels for electronic identification means</u> (art. 8.3)	2015/1502	8.09.2015	29.09.2015
	ID on circumstances, formats and procedures of <u>notification</u> (art. 9.5)	2015/1984	3.11.2015	5.11.2015 (notified to Ms)
Trust services	IR on <u>EU Trust Mark</u> for Qualified Trust Services (art.23.3)	2015/806	22.05.2015	12.06.2015
	ID on technical specifications and formats relating to <u>trusted lists</u> (art. 22.5)	2015/1505	8.09.2015	29.09.2015
	ID on <u>formats of advanced electronic signatures and seals</u> (art. 27.5 & 37.5)	2015/1506	8.09.2015	29.09.2015
	ID on <u>standards for the security assessment of qualified signature and seal creation devices</u> (art. 30.3 & 39.2)	2016/650	25.04.2016	05.2016

eIDAS – Trust services

Horizontal principles

Liability

International
aspects

Supervision

Security
requirements

Data protection

Trusted lists

Qualified
services

Prior
authorisation

EU trust mark

Electronic
signatures,
including
validation and
preservation
services

Electronic seals,
including
validation and
preservation
services

Time stamping

Electronic
registered
delivery service

Website
authentication



eIDAS - Electronic signature and seals

- **Non-discrimination as evidence in legal proceedings** (art.25.1-35.1)
- **Legal effect** (art.25.2-35.2)
 - **e-signature:**
 - ✓ only for natural persons
 - ✓ Assimilation to handwritten signature
 - **e-seal:**
 - ✓ only for legal persons
 - ✓ Integrity of the data and correctness of the origin
- **Recognition in all MS of a qualified electronic signature /seal based on a qualified certificate issued in one MS** (art.25.3-35.3)

eIDAS: Key principles for eID



The Regulation does not
impose the use of eID

Cooperation between
Member States

Sovereignty of MS to
use or introduce means
for eID

Interoperability
framework

Principle of **reciprocity**
relying on defined levels
of assurance

Mandatory **cross-
border recognition**
only to access public
services

**Full autonomy for
private sector**

eIDAS – electronic identification and Authentication

Definitions

- **‘electronic identification’** means the process of using person identification data in electronic form uniquely representing either a natural or legal person, or a natural person representing a legal person; (art. 3.1)
- **‘authentication’** means an electronic process that enables the **electronic identification of a natural or legal person**, or the **origin and integrity of data** in electronic form to be confirmed; (art. 3.5)

Timeline



17.09.2014
Entry into
force of the
eIDAS
Regulation

**26.11.15 - eID DSI
v.1 eIDAS compliant**

eID

29/09/2015
Voluntary cross-border recognition

29/09/2018
Mandatory cross-border recognition

**Trust
services**

eSignature Directive
rules

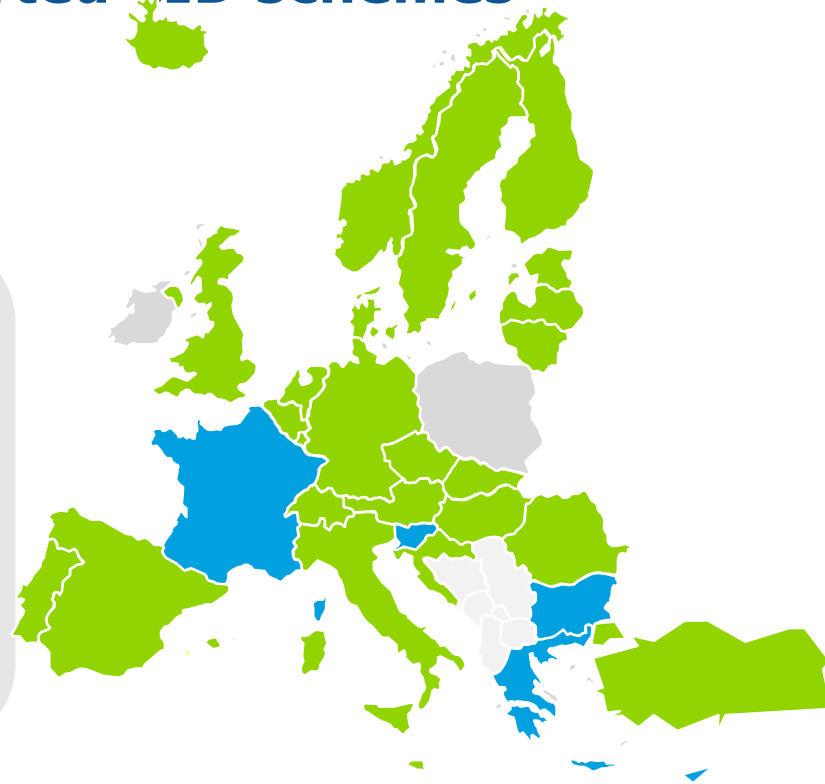
1.07.2016
Date of application of eIDAS rules for trust services

Countries with nationally supported eID schemes

Nearly all Member States (will) have a nationally supported eID scheme in place

Preliminary data from the ongoing CEF eID Stakeholder Analysis Report by Deloitte

- Countries with eID schemes:
AT, BE, CZ, DE, DK, EE, ES, FI, HR, HU, IT, IS, LT, LU, LV, MT, NL, NO, PT, RO, SE, SK, TR, UK
- Countries setting-up national eID schemes:
BG, CY, EL, FR, SI
- Countries to be confirmed:
IE, PL

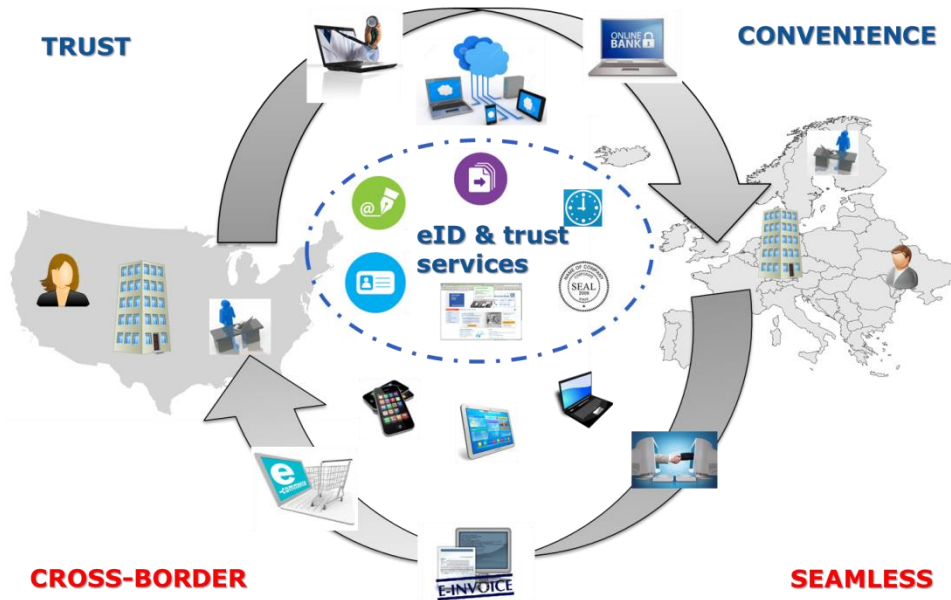


Information provided by MSs (as of 1 January 2016):
eID cards in 15 MSs (6 planned), other eID means in 24 MSs
25 MSs having either an eID card or other eID means

eIDAS A world premiere!



European
Commission



In EU we have:

- **World-class hardware, software and service providers, and administrations at the forefront of eGovernment**
- **25 MS have eID means (3 planned) – 15 MS have eID cards (6 planned)**
- **Large Scale Pilot Projects to ensure interoperability**

EU the first and only region in the world to have:

- Policy
- Regulation
- Rules
- Technology
- Interoperability infrastructure

Discussions at UNCITRAL

- *Joint proposal of BE, FR, IT, UK, AT delegation and EU*
- *On Legal issues related to identity management and trust services*
- *Building upon the principles stemming from the eIDAS Regulation*
- *48th session of the Commission (29 June - 16 July 2015, Vienna) –
Interregional consensus on the importance of the topic*
- *55th session of WG IV in New York 24-28 April*
 - **Discussion also on papers submitted by Secretariat, Russian Federation, United States of America and UK and Northern Ireland**

Stakeholder engagement - eIDAS Observatory

Purpose

- Help **facilitate the use** of cross-border electronic identification and trust services
- Foster **transparency and accountability** by identifying market hurdles and good practices, promoting knowledge-sharing and developing initiatives for innovation
- Contribute to the **enhancement of trust and security** of digital transactions thus to the building of the Digital Single Market
- Act as a **virtual network** of stakeholders to exchange ideas and good practices as well as recommend actions and initiatives to ease the uptake of eID and trust services

Launch

- Officially launched **by VP Ansip** during the event "[A new leap in the eIDAS journey: new trust services for a Digital Single Market](#)" on 30 June 2016

For further information and feedback

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)