



European perspective on Trust Services

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Positioning ENISA activities



eIDAS Regulation



Regulation (EU) 910/2014 on electronic identification and trust services for electronic transactions in the internal market



- Mutual recognition of electronic identification and trust services among Member States (electronic signatures, electronic seals, time stamping, certified electronic delivery or website authentication)
- Article 19 of the Regulation addresses security requirements including notification of breaches

Opportunities for e-services



- **Facilitate on-line seamless consumer experience** without face-to-face verification
- **Easier access to distance credit for consumers;** EU cross-border market for banks
- **Trusted credentials ease discharging regulatory requirements** (e.g. Anti-Money Laundering)
- **Verified identities to check credit rating** and contact with public administrations (tax agencies)
- **Lower risk & more convenience** by relying on e-ID, e-sign, e-seal, e-registered

Few key messages from private sector



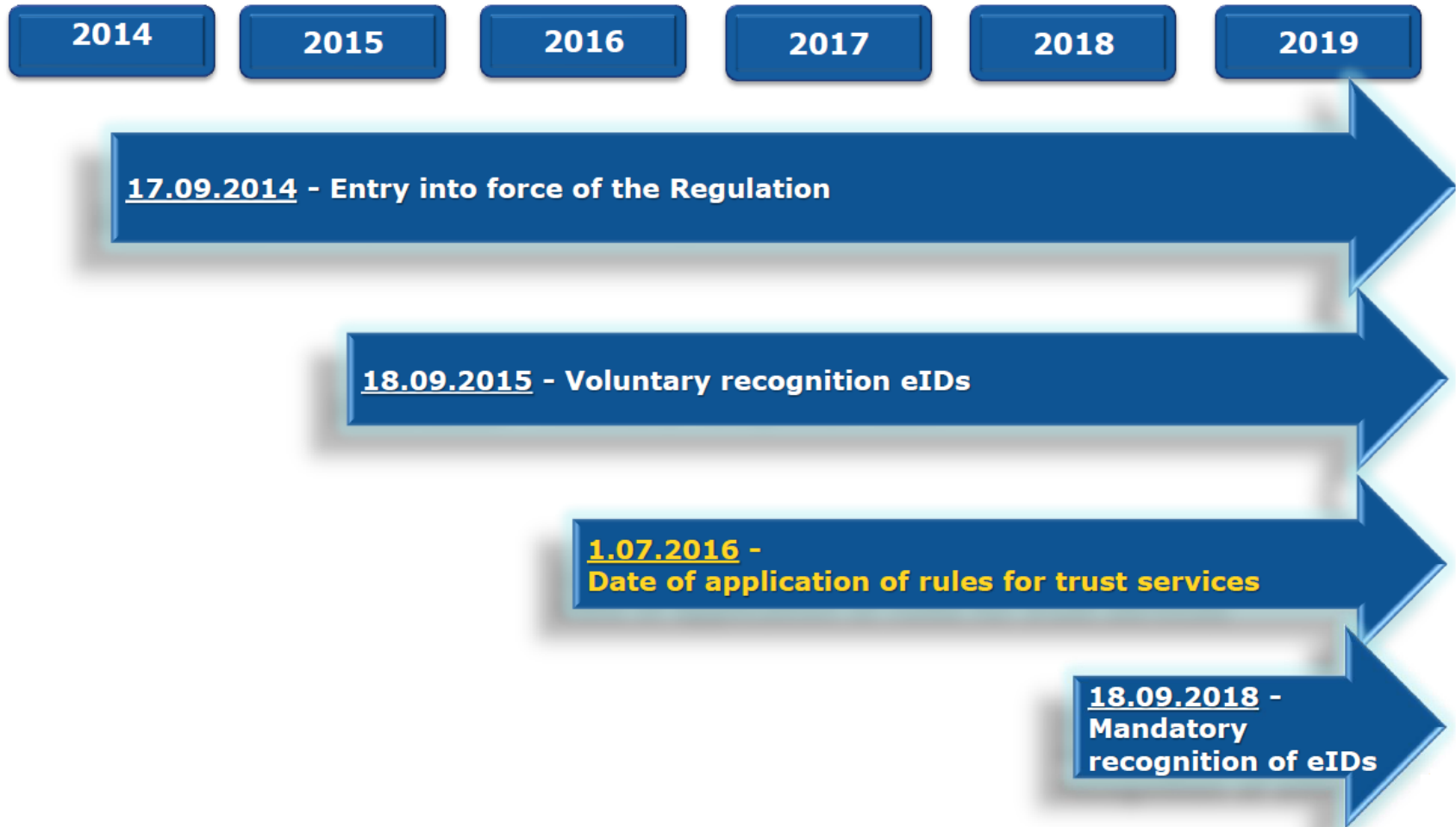
- Increasing business demand for trust, security and convenience in online transactions
- Seamless user experience and usability cross-sector and cross-border
- Reliability, simplicity and security - deciding factors in uptake-> mobile environment/diversity of credentials
- Public sector should lead by example
- Smartphones and mobile devices are central to everyday life
- Need for European interoperability supported by some standards-> federating eID & global dimension
- Govs and private sector need business model for provisioning and consuming eID means
- Cross-sector & cross-border use of eID calls for more regulatory alignment

Common principles



- Technological neutrality
- Mutual recognition of «qualified» electronic trust services
- Strengthens and harmonises national supervision of qualified trust service providers and trust services
- Reinforces data protection + obligation for data minimisation
- Uses secondary legislation to ensure flexibility vis-à-vis technological developments and best practice

eIDAS timeline



ENISA work for TSPs



2013 – Security framework of TSPs

2013 – Risk assessment at TSPs

2013 – Mitigating the impact of security incidents in TSPs

2014 – Auditing framework of TSPs

2015 – Analysis of standards related to TSPs

2015 – Recommendations to boost consumer trust by promoting market transparency for website authentication services

2016 – Continuation of analysis of standards

2016 -> Lead in development of technical guidelines

Ongoing -> Security breach notifications (Art.19)

Recommendations for Trust Service Providers



- Trust service providers in the EU and a national regulatory framework
- Standardisation in the area of trust services
- Supervision and audit of trust service providers
- Certification of electronic signature products
- Cryptographic algorithms in certification services
- Incident handling procedures



Thank you

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