



EUDI/eIDAS2 and the electronic archiving services

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EUDI- European Digital Identity (eIDAS2) in force from May 20th, 2024



Main changes comparing with eIDAS1 (2014):

- New framework for digital identity: **European Digital Identity Wallet**
- **New qualified trust services**

Existing services	New services
Creation and validation of electronic signatures	Electronic Archiving
Creation and validation of electronic seals	Remote Electronic Signature and Seal Creation Devices
Creation and validation of time-stamps	Electronic Attestation of Attributes
Preservation of electronic signatures and seals	Electronic Ledgers
Certificates for website authentication	
Electronic registered delivery services	

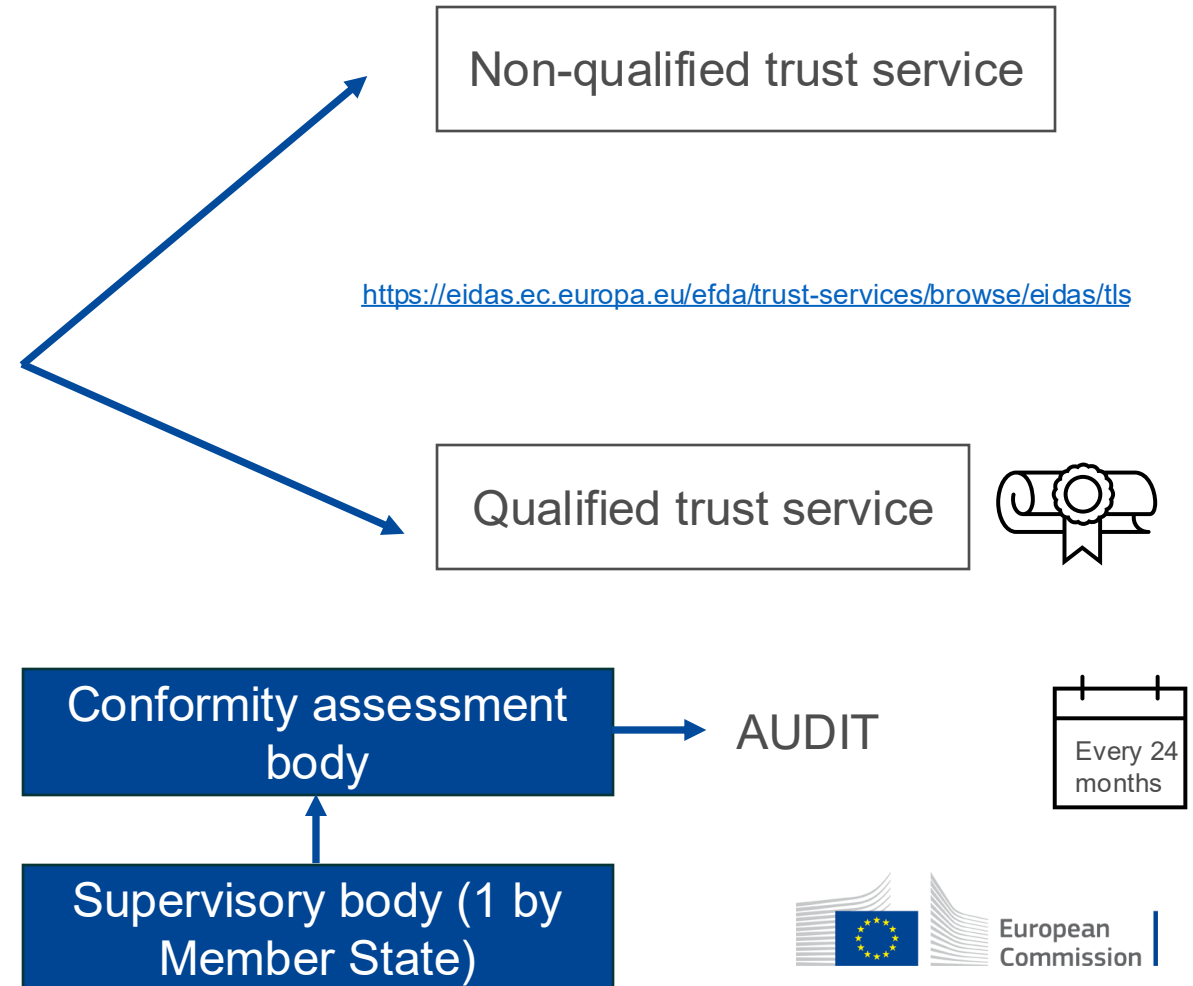
Qualified Trust Service

- Trust service = electronic service normally provided for remuneration



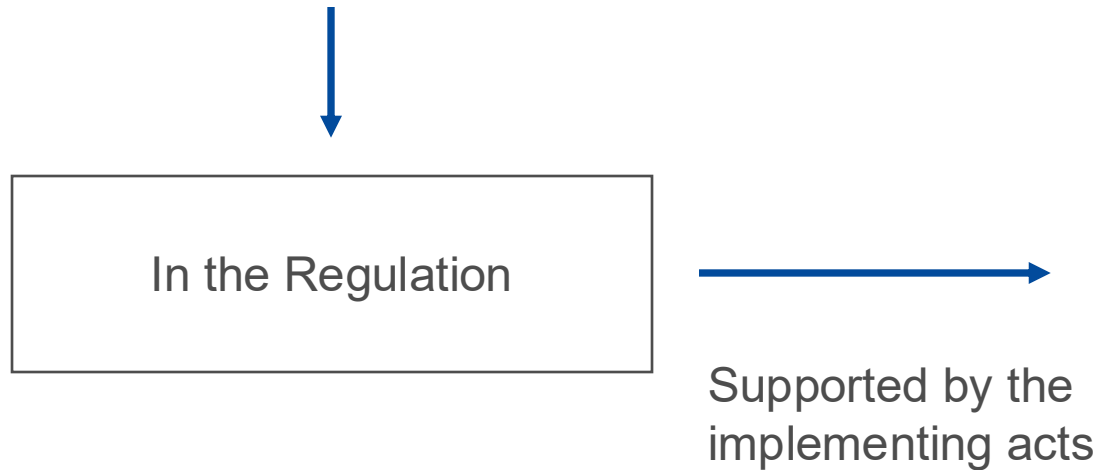
REGULATION OF THE MARKET
WITHIN THE EUROPEAN UNION

Other countries/international organizations need specific agreements based on similar processes that ensure the compliance with the requirements



Qualified Trust Service

WHERE ARE THE REQUIREMENTS TO BE MET



Initial date for Electronic Archiving → May 21st 2025
They are not yet in public consultation



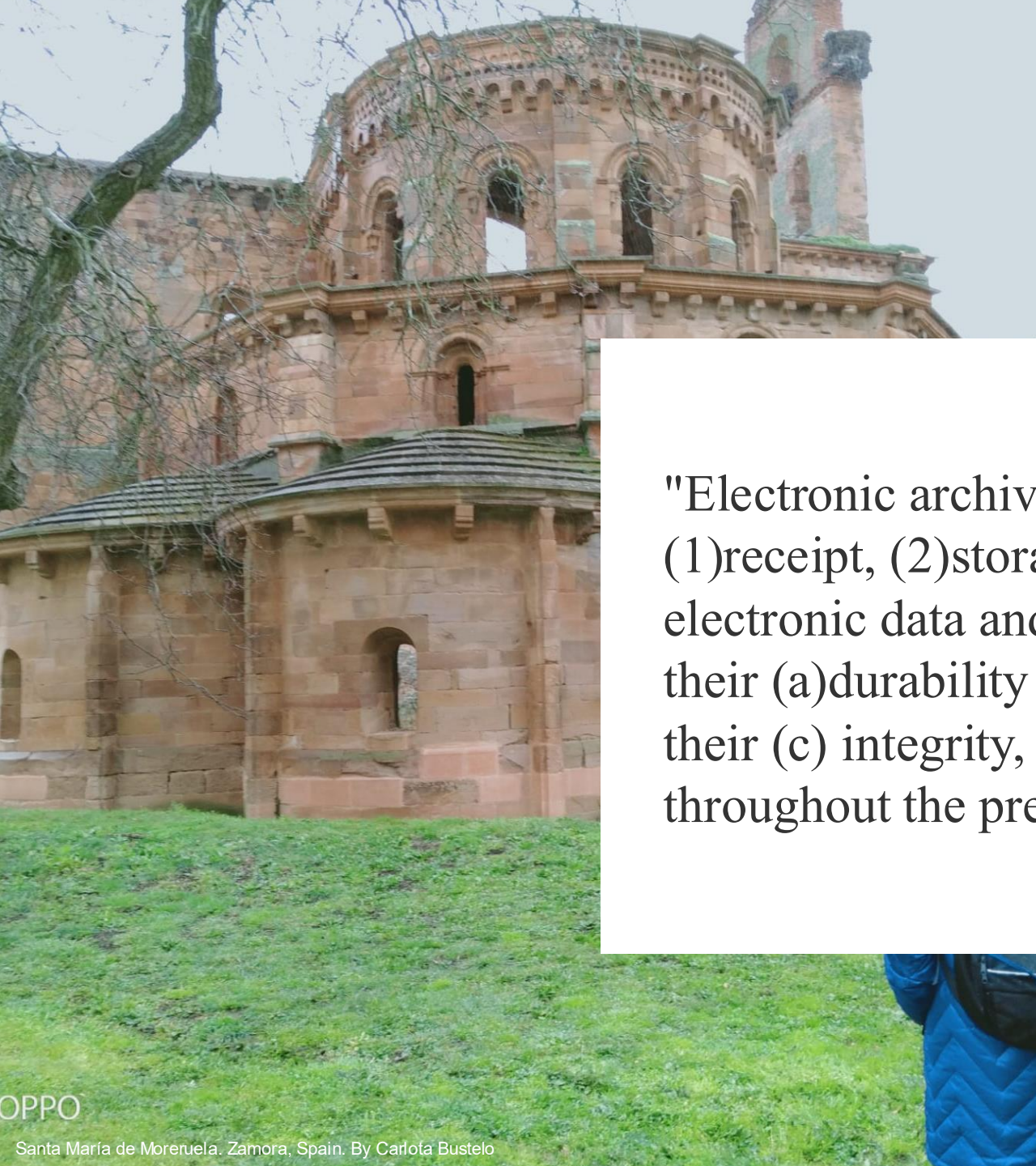
IMPLEMENTING ACTS REFER
TO STANDARDS

ARE NEGOCIATED BY
MEMBERS STATES

USUALLY INCLUDE A PUBLIC
CONSULTATION

Electronic archiving trust service

- Legal framework for qualified electronic archiving efficient toolbox that includes functional requirements and clear legal effects
- Apply to electronic data and electronic documents created in electronic form as well as paper documents that have been scanned and digitised.



"Electronic archiving" means a service ensuring the (1) receipt, (2) storage, (3) retrieval and (4) deletion of electronic data and electronic documents in order to ensure their (a) durability and (b) legibility as well as to preserve their (c) integrity, (d) confidentiality and (e) proof of origin throughout the preservation period

Requirements

Preservation period

- Procedures and technologies for ensuring
 - Durability
 - Legibility
 - Integrity
 - Accuracy of their origin
- Safeguard from loss and alteration
- Report in an automated manner that confirms that electronic data and electronic documents enjoy the presumption of integrity of the data

Open	15	Closed	0	Author	Labels	Projects	Milestones	Assignees	Types	F4 Newest
🕒	CEN/TS 18170 - Functional requirements for the electronic archiving services									
	sts: tentative eta									
	#347 - IshaiO opened on Feb 27 · 📌 05. Milestone 5									
🗨️ 3										
🕒	ISO 14721:2025 Space Data System Practices — Reference model for an open archival information system (OAIS)									
	gap: needs clarity locked sts: needs follow up sts: ready									
	#194 - IshaiO opened on Nov 7, 2024 · 📌 05. Milestone 5									
🗨️ 1										
🕒	ISO/TS 16175-2:2020 - Information and documentation — Processes and functional requirements for software for managing records — Part 2: Guidance for selecting, designing, implementing and maintaining software for managing records									
	locked sts: ready									
	#193 - IshaiO opened on Nov 7, 2024 · 📌 05. Milestone 5									
🕒	ISO 16175-1:2020 - Information and documentation — Processes and functional requirements for software for managing records - Part 1: Functional requirements and associated guidance for any applications that manage digital records									
	locked sts: ready									
	#192 - IshaiO opened on Nov 7, 2024 · 📌 05. Milestone 5									
🕒	ISO 14641:2018 - Electronic document management — Design and operation of an information system for the preservation of electronic documents — Specifications									
	Art 45(j)(2) Fnc: eArchive locked sts: ready									
	#191 - IshaiO opened on Nov 7, 2024 · 📌 05. Milestone 5									
🕒	ISO 11506:2017 - Document management applications — Archiving of electronic data — Computer output microform (COM)/Computer output laser disc (COLD)									
	Art 45(j)(2) Fnc: eArchive gap: needs clarity locked sts: ready									
	#190 - IshaiO opened on Nov 7, 2024 · 📌 05. Milestone 5									
🕒	DILCIS SIARD (Software Independent Archiving of Relational Databases) Format Specification									
	locked sts: ready									
	#189 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	DILCIS CITS Geospatial - Specification for the E-ARK Content Information Type Specification for digital geospatial data records archiving									
	Art 45(j)(2) Fnc: eArchive gap: needs clarity locked sts: ready									
	#188 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	DILCIS CITS ERMS - E-ARK Content Information Type Specification for Electronic Records Management Systems									
	gap: needs clarity locked sts: ready									
	#187 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	DILCIS E-ARK DIP - Specification for Dissemination Information Packages									
	Art 45(j)(2) Fnc: eArchive gap: needs clarity locked sts: ready									
	#186 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	DILCIS E-ARK Archival Information Package (AIP) - Specification for Archival Information Packages									
	locked sts: ready									
	#185 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	DILCIS E-ARK SIP - Specification for Submission Information Packages									
	Art 45(j)(2) Fnc: eArchive gap: needs clarity locked sts: ready									
	#184 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	DILCIS E-ARK CSIP - Common Specification for Information Packages									
	Art 45(j)(2) Fnc: eArchive gap: needs clarity locked sts: ready									
	#183 - IshaiO opened on Nov 6, 2024 · 📌 05. Milestone 5									
🕒	ETSI TS 119 512 V1.2.1 (2023-05) - Electronic Signatures and Infrastructures (ESI): Protocols for trust service providers providing long-term data preservation services									
	Art 34(2)/40 Art 45(j)(2) Fnc: QES Fnc: Trust Services locked sts: ready									
	#158 - IshaiO opened on Oct 31, 2024 · 📌 05. Milestone 5									
🕒	ETSI TS 119 511 V1.1.1 (2019-06) - Electronic Signatures and Infrastructures (ESI): Policy and security requirements for trust service providers providing long-term preservation of digital signatures or general data using digital signature techniques									
	Fnc: Governance Fnc: QES Fnc: Trust Services gap locked sts: ready									
	#157 - IshaiO opened on Oct 31, 2024 · 📌 05. Milestone 5									

Work in progress

- List of standards that are being studied <https://github.com/eu-digital-identity-wallet/eudi-doc-standards-and-technical-specifications>
- CEN/TS 18170. Published today

New one drafted with the purpose to be used in the implementing acts

Users and market of EATS (qualified or not)

- Already existing electronic archiving services

Variety of services that are tailored to different types of data and needs of data owners and data users

- Archives and memory institutions do not necessarily provide trust services within the meaning of this Regulation

Share the implementation of a key functionality → preserve the integrity, authenticity and legal admissibility of electronic data and electronic documents

Some of them may be clients of an electronic archiving trust service

- Organisations looking for a trusted electronic archiving service for their electronic data and electronic documents

Conscious of the fragility and insecurity of information that is stored only in servers, applications, or in the cloud without any other measure for its protection and usability.

Thank you



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