



eArchiving Initiative supporting the eIDAS2 electronic archiving services

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Brussels, 29th May 2024

eIDAS2 in force from May 20th, 2024



An extended content of this presentation will be published in a White Paper in the Digital Strategy eArchiving Initiative webpage <https://digital-strategy.ec.europa.eu/en/activities/earchiving>

- Some additional trust services comparing with eIDAS1
- Electronic Archiving Trust Service:
 - legal framework for qualified electronic archiving efficient toolbox that includes functional requirements and clear legal effects
 - inspired by the framework of the other trust services
 - apply to electronic data and electronic documents created in electronic form as well as paper documents that have been scanned and digitised.



*The foundation and rationale behind the **electronic archiving trust service** are largely consistent with the purpose and objectives of the eArchiving Initiative ☾ a set of tools, specifications and procedures (outcomes of the Archiving Initiative and preceding projects) can be offered to support the **implementation** of the electronic archiving trust services:*

- *E-ARK Information Packages specifications*
- *eArchiving Reference Architecture*
- *eArchiving White paper*

About CEN

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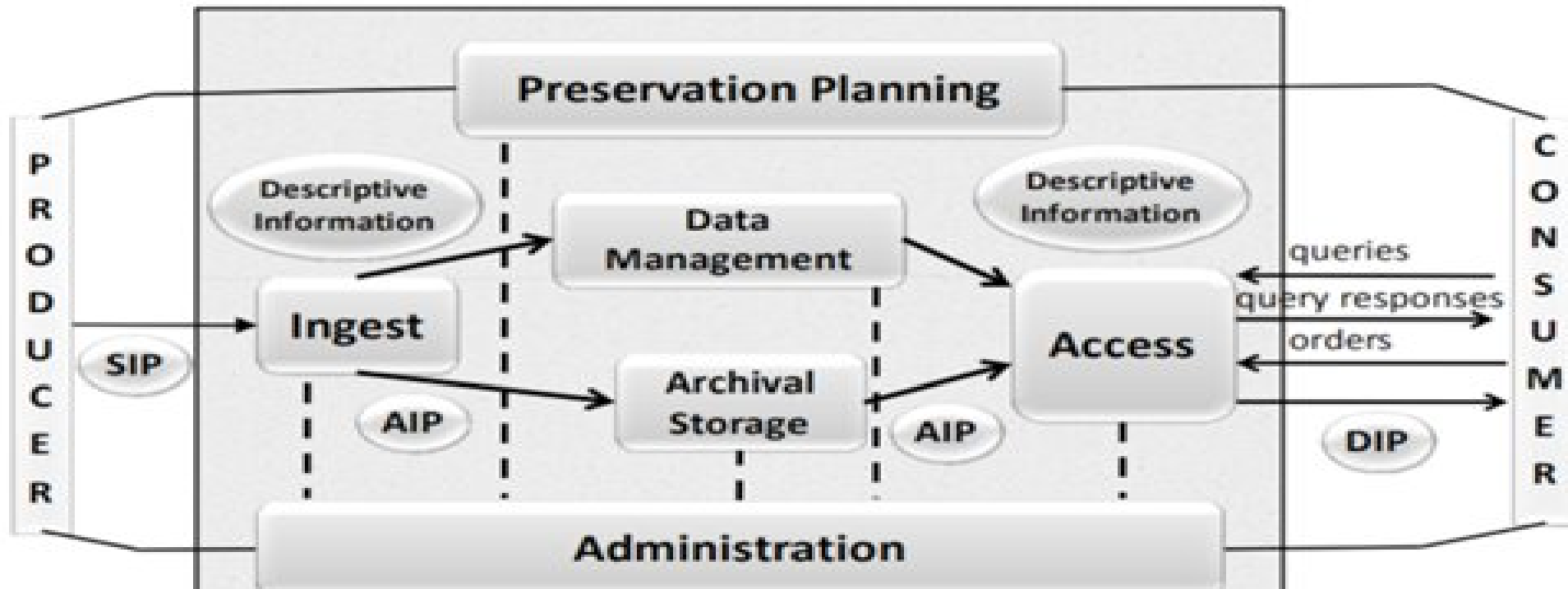


EUROPEAN COMMITTEE
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CEN 468

- Active participation of eArchiving Initiative
- First product (to be published soon): Mapping of existing standardization deliverables on European digital archiving and preservation
- Working on a standard: Functional requirements of electronic archiving services

Concepts and terminology



Although the terminology used in the OAIS reference model and eIDAS2 may appear different, there is a clear correspondence. For example, the ingest process can be recognised as the receipt function, while access represents the retrieval function. Other concepts such as durability, legibility, preserving integrity, confidentiality, and proof of origin are related to preservation planning.

Concepts and terminology

In eIDAS2

“**electronic archiving** means a service ensuring the receipt, storage, retrieval and deletion of electronic data and electronic documents to ensure their durability and legibility as well as to preserve their integrity, confidentiality and proof of origin throughout the preservation period.”

Using OAIS reference model

- Preservation period ☾ long-term preservation
- Electronic archiving ☾ digital preservation measures
- contextual information surrounding the data or information being preserved

Users and market of EATS

- 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

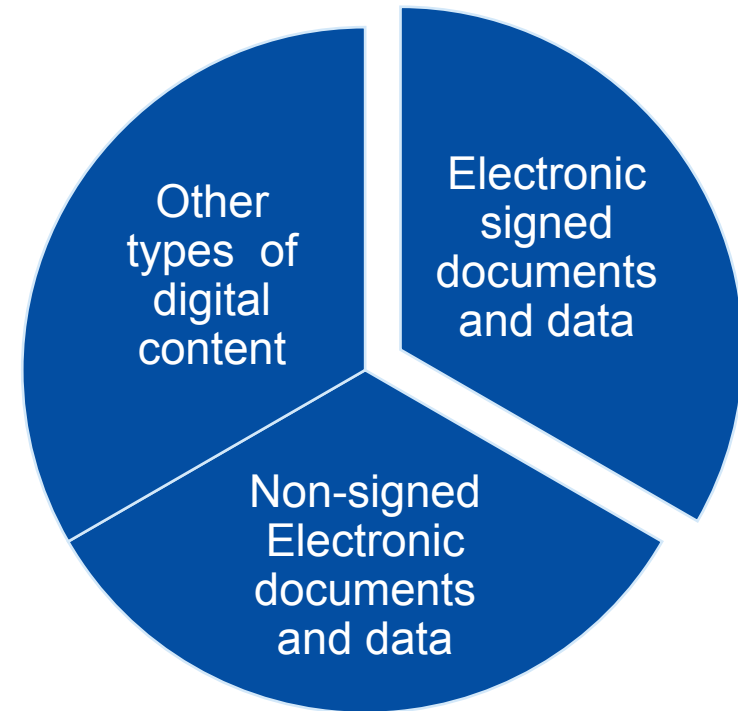
- Organisations looking for a trusted electronic archiving service for their electronic data and electronic documents

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.

EATS and other trust services

Other trust services

- electronic signatures and seal: issuing and validating certificates; creation, validation, preservation, remote devices
- attestation of attributes: Issuing and validation
- Timestamps: creation and validation
- Delivery services
- Electronic ledgers



Different trust services can be used in combination when needed

Thank you



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