



ETSI TC ESI

Electronic Signatures and Trust Infrastructures

Building Trust in Digital Transactions Across Europe and Beyond

Overview

TC ESI is the Technical Committee on Electronic Signatures and Trust Infrastructures within ETSI, focused on standardising digital signatures and trust services that are essential for secure electronic transactions across public networks.

TC ESI works to ensure interoperability, legal certainty, and global alignment in the implementation and validation of electronic signatures and related services.

Key Activities & Responsibilities

- Standardisation of Digital Signature Formats
 - Definition of Policies & Procedures for creation and validation of digital signatures
 - Security & Technical Requirements for Trust Service Providers (TSPs)
 - Trust management including Audit, general policy requirements and trusted lists
 - EUDI Wallet supporting services including Electronic Attestation of Attributes (EAA) (linking credentials to persons)
- TC ESI also maintains and supports Trusted Lists, which enhance confidence by showing whether a TSP operates under a recognized scheme.

ETSI eIDAS Standards objective

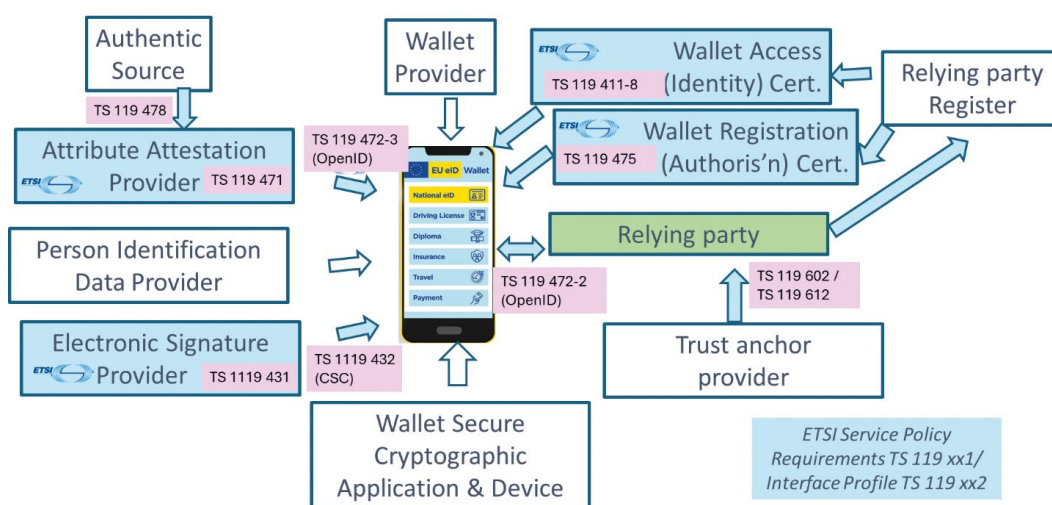
Accountability of Natural (physical) Persons and Legal Persons (e.g. companies, organisation) for:

- Documents - Electronics Signatures and Seals using Digital Signatures
- Website - Website Authentication Certificates
- eMail and eTransactions - Proof of submission and delivery
- Access to services - EU Digital Identity Wallet

Identity, Authentication and Signatures (eIDAS Regulation) – Standards Framework



EUDI Wallet – Supporting Services & Protocols



Resources & Further Information

Explore more at <https://www.etsi.org/committee/1399-esi>

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TC ESI Portal:
<https://portal.etsi.org/ESI>

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About ETSI

ETSI is one of only three bodies officially recognised by the European Union as a European Standards Organisation (ESO). It is an independent, not-for-profit body dedicated to ICT standardisation. With over 900 member organisations from more than 60 countries across five continents, ETSI offers an open and inclusive environment for members representing large and small private companies, research institutions, academia, governments, and public organisations. ETSI supports the timely development, ratification, and testing of globally applicable standards for ICT-enabled systems, applications, and services across all sectors of industry and society.

