ETSI Standardisation in support of the European Digital Identity Framework
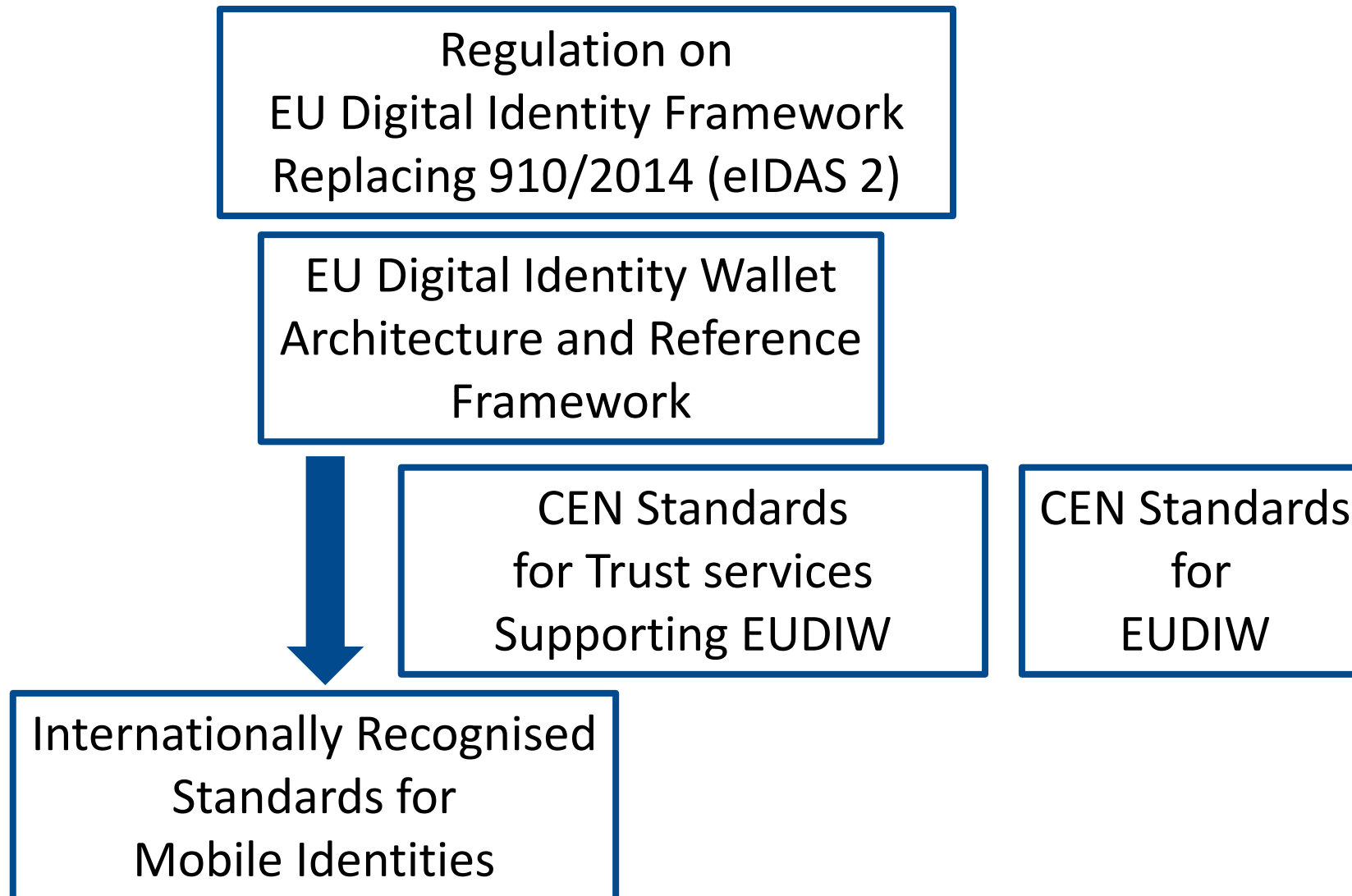
15 November 2023

Trust services & eID in Japan and EU

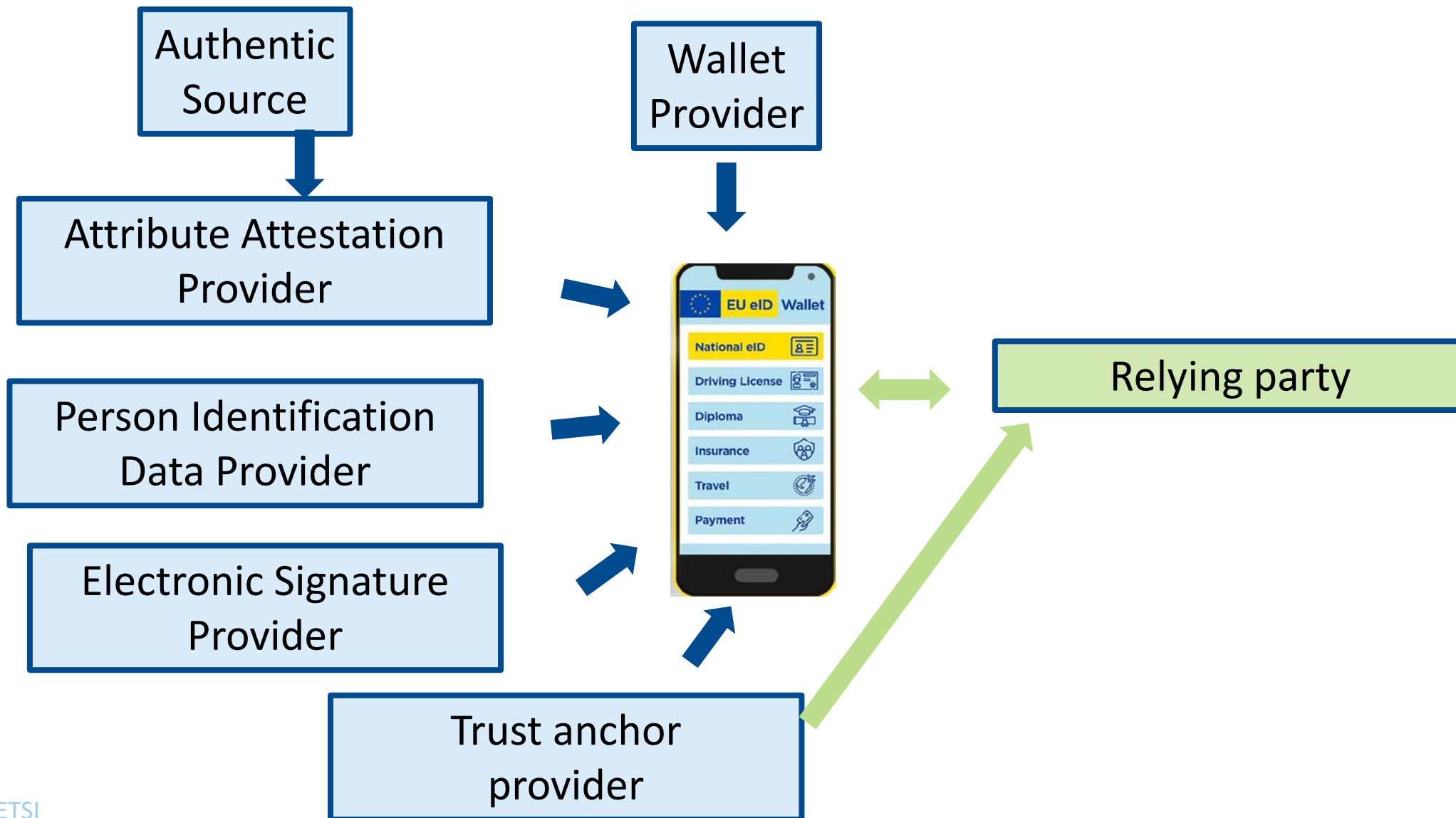Presented by: **Nick Pope – Chair ETSI ESI**

Note: This is based on an evolving regulatory and standards environment

Standards & EU Digital Identity Wallet

Regulation on
EU Digital Identity Framework
Replacing 910/2014 (eIDAS 2)

EU Digital Identity Wallet
Architecture and Reference
Framework

CEN Standards
for Trust services
Supporting EUDIW

CEN Standards
for
EUDIW

Internationally Recognised
Standards for
Mobile Identities

Main components and Interfaces for EUDI Wallet

# ETSI Standards for Electronic Attestation of Attributes
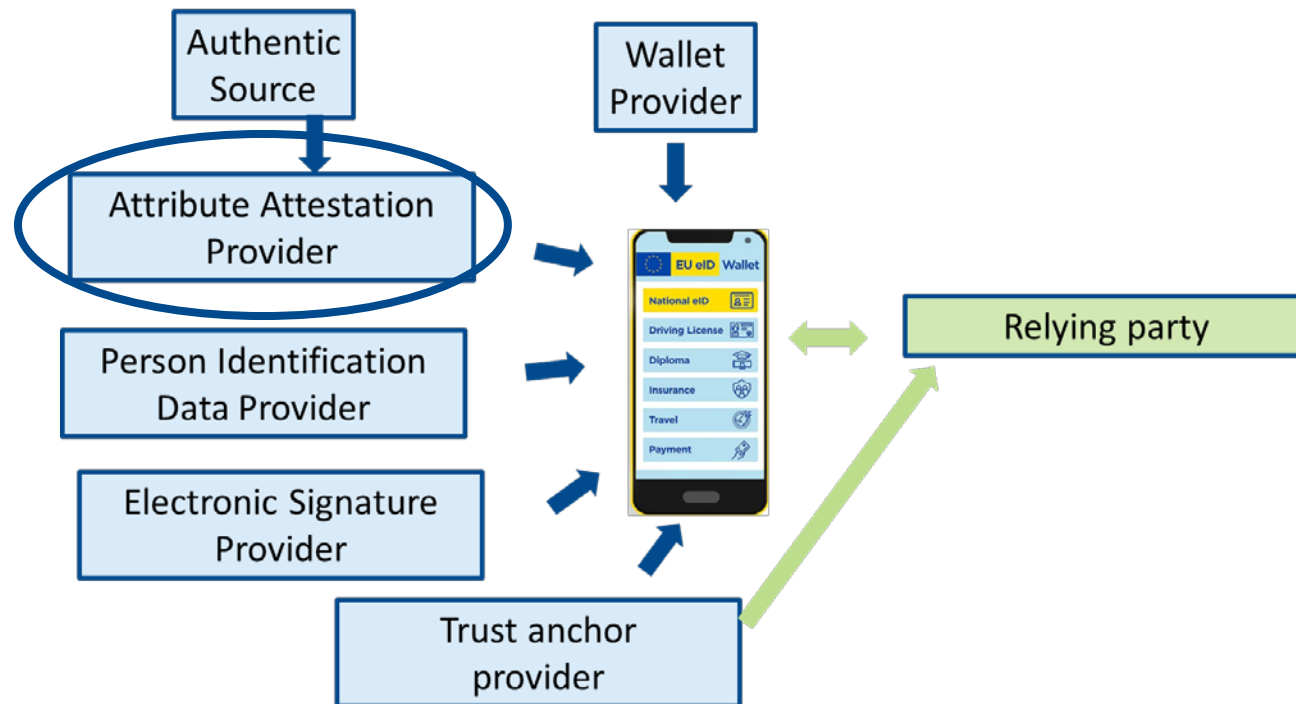
Existing TSP standards

- ⩔ EN 319 401: General TSP policy & security requirement (NIS2)
- ⩔ EN 319 403:TSP conformity assessment

To be specified

- ⩔ Policy and security requirements
- ⩔ Profile of internationally recognised standards
- ⩔ Support for selective disclosure
- ⩔ Interface to wallet
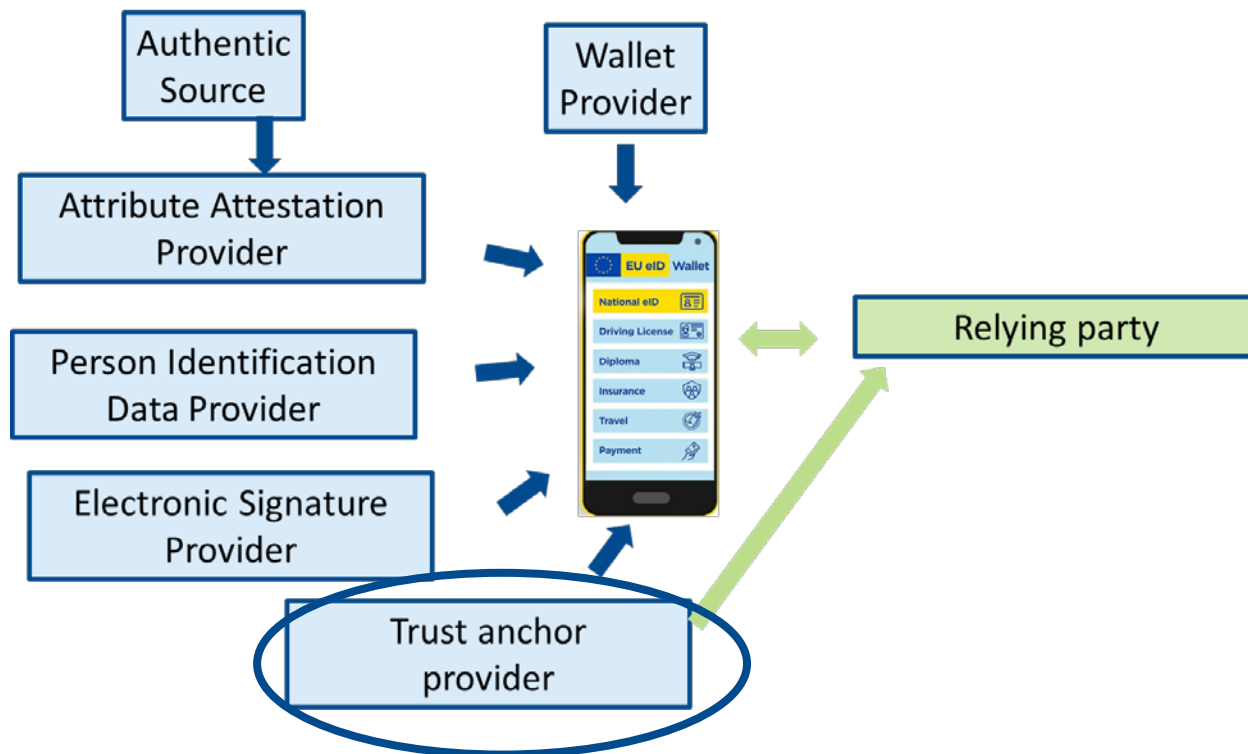
ETSI Standards for Electronic signature
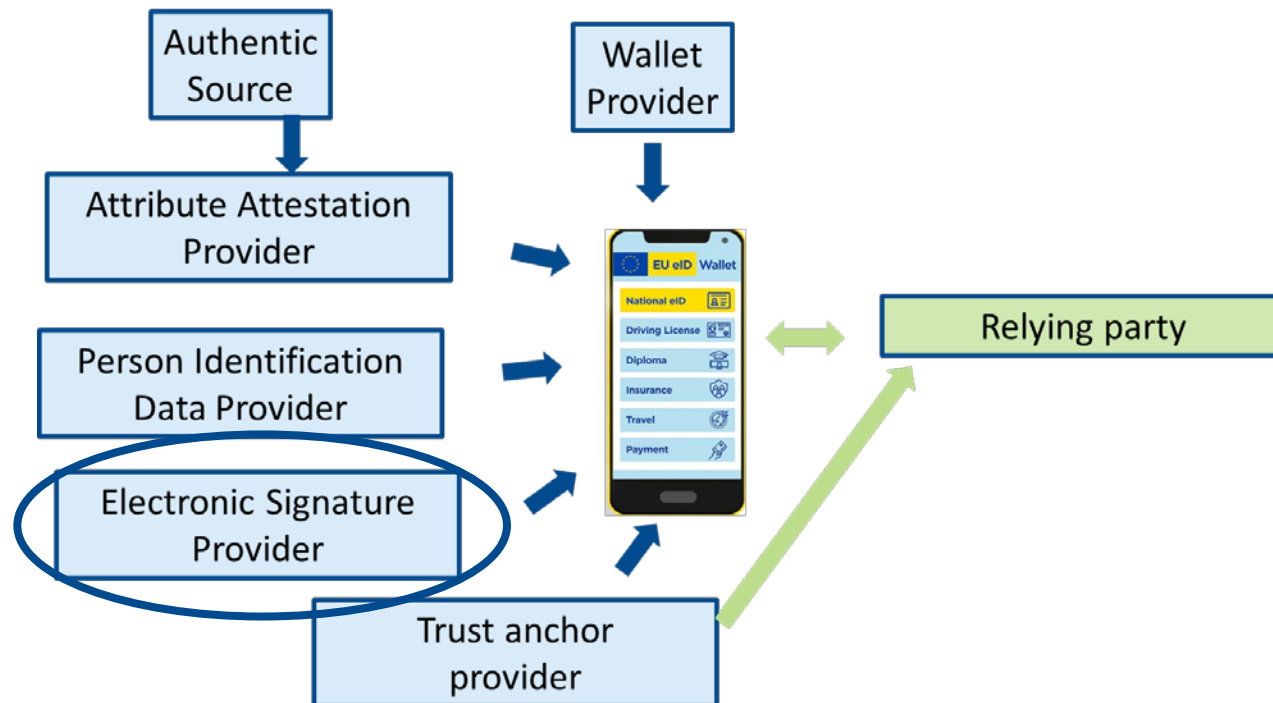
Existing standards

- EN 319 411-1 & -2: Policy & security standards
- EN 319 412-x: Certificate profiles
- TS 119 431 & 432: Remote signing

To be specified

- Wallet interface

ETSI Standards for Trust anchors

Existing

- ◊ TS 119 612: Trusted list
- ◊ TS 119 615: Using trusted lists

To be specified:

- ◊ Support for new trust services
- ◊ Support for other trust anchors
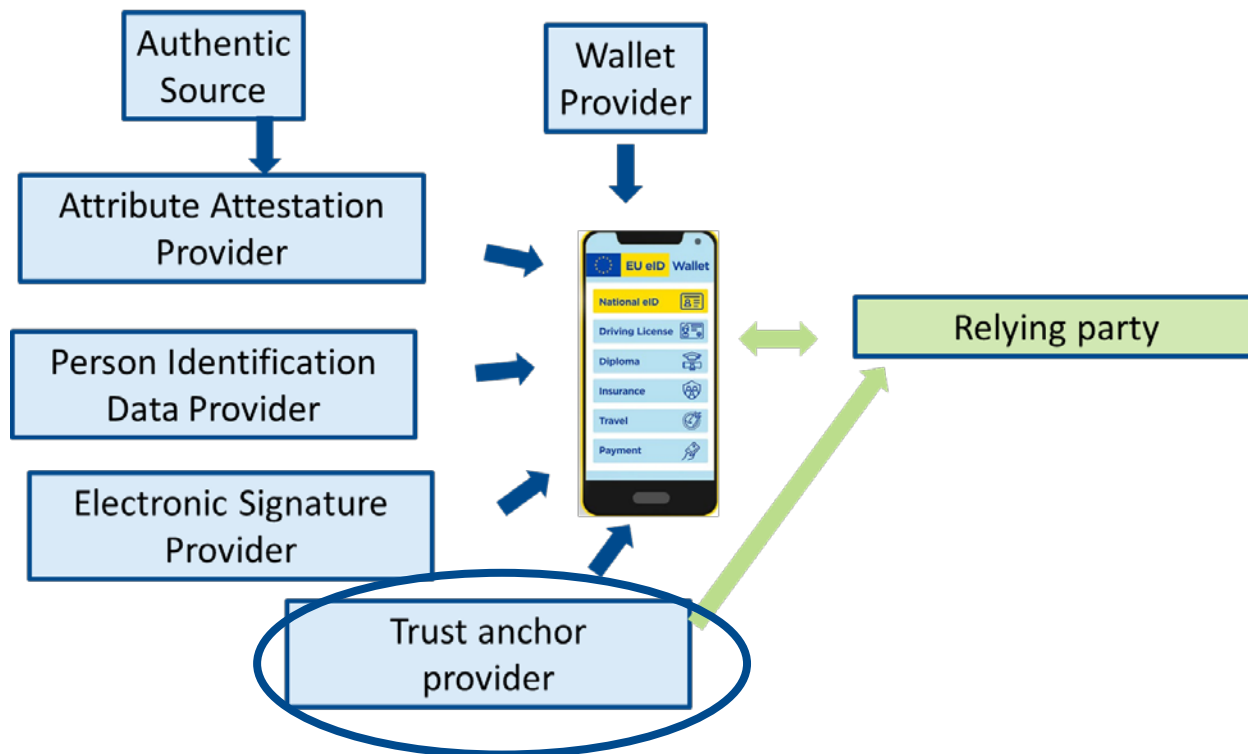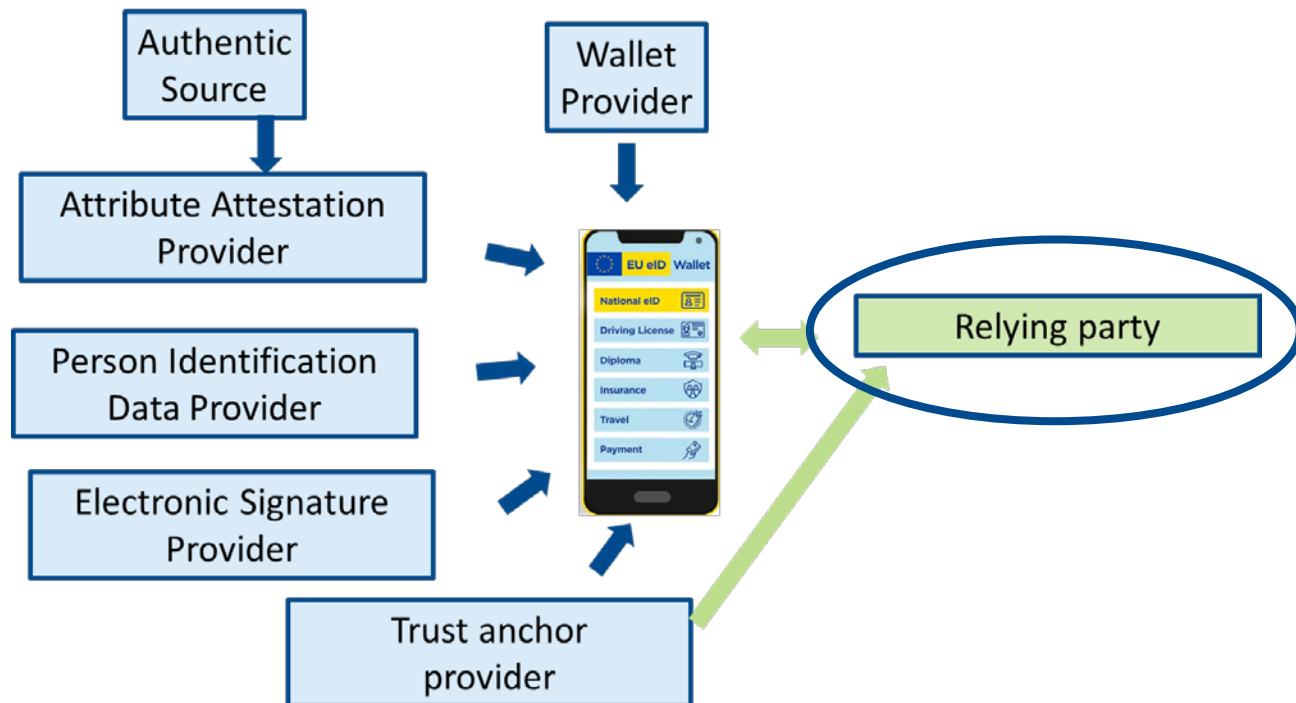
ETSI Standards for Trust anchors

Existing

- ◊ TS 119 612: Trusted list
- ◊ TS 119 615: Using trusted lists

To be specified:

- ◊ Support for new trust services
- ◊ Support for other trust anchors

ETSI Standards for relying party use of wallet

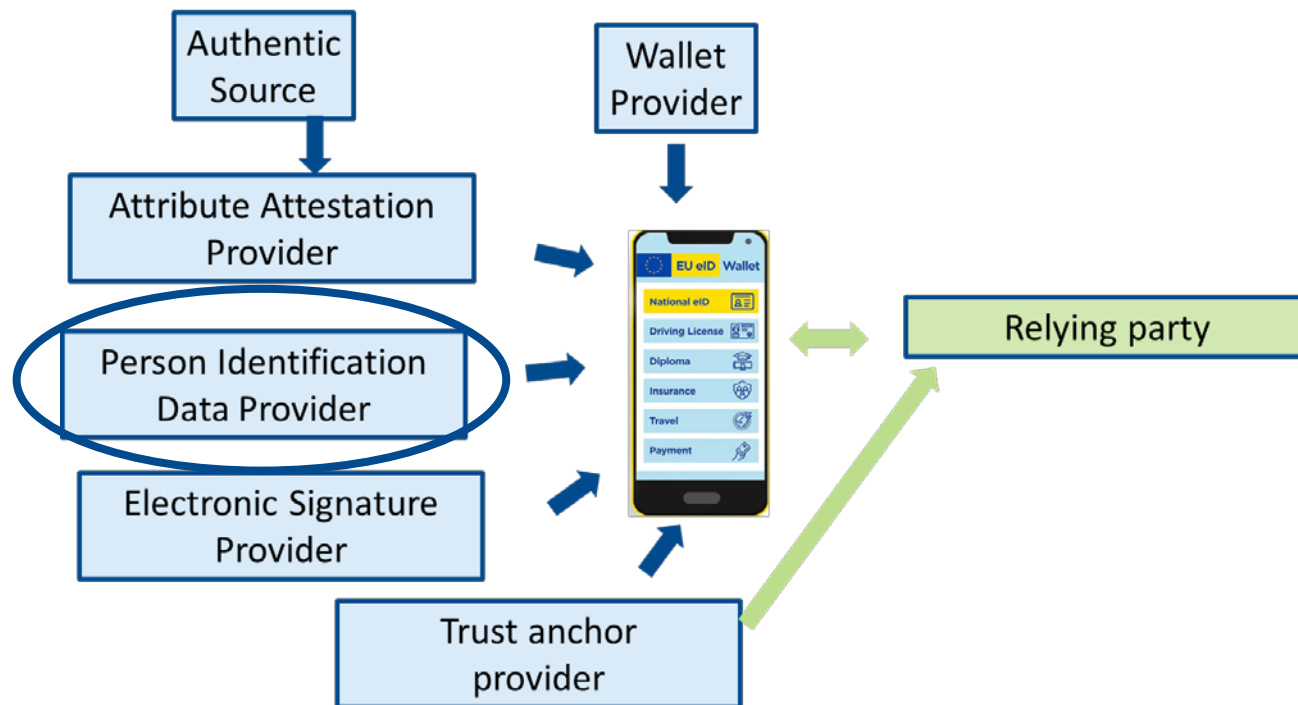
To be specified:

- Relying party authentication

- Wallet authentication

- Presentation of wallet held attributes as selected by the wallet holder

Profile of internationally recognised standards

CEN Standardisation and ETSI overlap

CEN- Draft TS Guidelines for the onboarding of user personal identification data within European Digital Identity Wallets

Overlap:

▽ Common syntax:
  o CEN: Personal identification data
  o ETSI: electronic attestation of attributes

▽ Common identity proofing requirements:
  o CEN: Personal identification data
  o ETSI: electronic attestation of attributes
  o ETSI: Signing certificates

ETSI Further information

Information on Signatures and Trust Services standards :
   https://portal.etsi.org/TBSiteMap/ESI/ESIActivities.aspx

ETSI standards: available for free download: http://www.etsi.org/standards-search

News list on Signatures and trust services:
   https://list.etsi.org/scripts/wa.exe?SUBED1=e-signatures_news&A=1

EU Pilot for the International Compatibility of Trust Services
   https://esignature.ec.europa.eu/efda/intl-pilot/