



Digital Identity
for All Europeans



EUDI Wallet

European Digital Identity Wallet



#DigitalEU
#EUdigitalidentity

IETF Conference 2023

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2030 DIGITAL DECADE

Digital targets in the Union by 2030 (the 'digital targets')

The European Parliament, the Council, the Commission and the Member States shall cooperate with a view to achieving (...) the digitalisation of public services, **where 100 % of Union citizens have access to secure electronic identification (eID) means that are recognised throughout the Union**, enabling them to have full control over identity transactions and shared personal data (...)

Decision (EU) 2022/2481 of the European Parliament and of the Council of 14 December 2022 establishing the Digital Decade Policy Programme 2030

The ambition: Towards a European Digital Identity



Free to be used by all citizen

All EU citizens and businesses may use it for free on a voluntary basis

Accepted everywhere

Recognised by private and public service providers for all transactions that require authentication

Secure and privacy oriented

Citizens can control and protect their identity, personal data and digital assets

European Digital Identity Work Strands

Legislative Process

- Negotiation of the proposal for the revision of the **eIDAS regulation** underpinning the EUDI Framework

Wallet Technical Specifications

- Member States and the Commission working on a **common toolbox** consisting of an **architecture and reference framework**, common standards and specifications, guidelines and best practices for the EUDIW

Large-scale Pilots

- **Grants** under the Digital Europe Programme for **large-scale pilots around use-cases** for the EUDIW

Wallet Reference Implementation

- A **reference implementation** of the EUDIW based on the technical specifications agreed by the toolbox

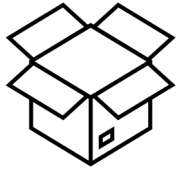
Milestones



Legislative Process

Co-legislators negotiations

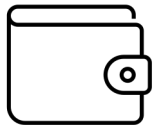
1st trilogue on 21st of March, revised Regulation expected to be adopted by the end of the 2023



Wallet technical specification

A new update is work in progress in the eIDAS Expert Group

9th of February 2023 first release, continuous updates since April 2023



Wallet reference implementation

Development ongoing

Regular releases based on feedback from pilots, first release to be published soon



Large-scale Pilots

Signing grant agreements

1st of April official launch of piloting

The Architecture and reference framework

- The first release of the ARF represents the initial consensus version containing the fundamental elements necessary for developing an EUDI Wallet prototype.
- It is developed by the Commission and a group of experts delegated by the Member States
- The architecture is a moving target due to the legislative process still on going.
- The document is open and shared on [github](#) to collect feedback from stakeholders.
- New releases with additional specifications will come in short cycles based on the feedback received.



EU Digital Identity Wallet

eIDAS Regulation



Implementing Acts



Technical specifications



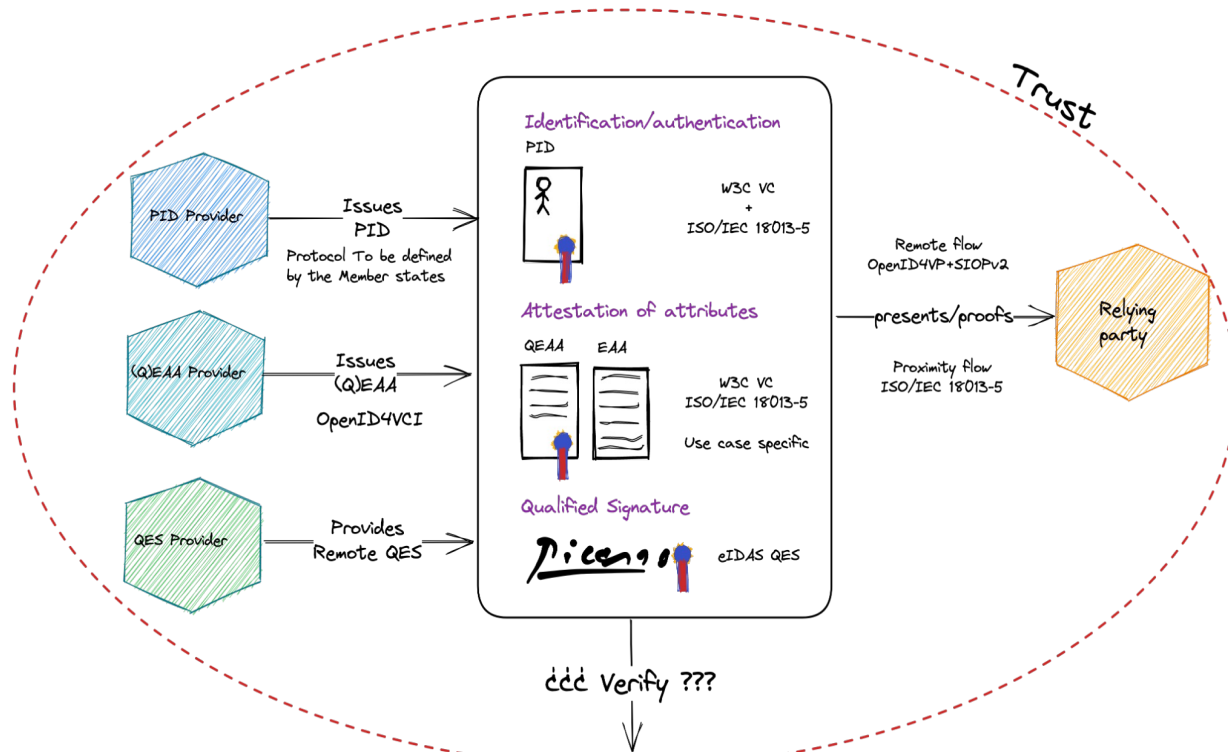
ARF: common
specs for the wallet



Rulebooks: specific
rules per use case
(PID, mDL, etc.)



The EUDI Wallet at glance



Personal Identification Data

Attributes used for identification:

- First & Family name
- Date of birth
- And others

Qualified Electronic Attestation of Attributes

- Digital travel credentials

Electronic Attestation of Attributes

- Membership Card
- Event Tickets
- Education credentials

Reference Implementation

Objectives

- Building reference technical infrastructure to support interoperability and implementation of the EUDIW and its ecosystem
- Supporting Member States and other stakeholders in developing, implementing and scaling up the EUDI Framework
- Enabling large scale pilots by providing reference wallet and use-cases in national / stakeholder context

Scope

- Authentication
- Identification & mDL
- Subsequent releases (e.g. extended functionalities, feedback from pilots)

Outcome

- Open-Source reference wallet application and libraries tested, certified, ready to be used by Member States to implement the wallet.

Four Large Scale Pilots

20 countries

56 public and 80+ private entities

Use cases:

Electronic Government services, Bank Account opening, SIM registration, mobile driving licence, Remote Qualified Electronic Signature and ePrescription.



19 countries

18 public and 40+ private entities

Use cases:

Digital Travel Credentials, Payments, Legal persons

23 countries

36 public and 40+ private entities

Use cases:

Educational credentials and professional qualifications, Portable Document A1 (PDA1), European Health Insurance Card (EHIC).



8 countries












6 private and 15 private entities

Use cases:

payments use-cases at both a cross-country and cross-sector level with partners coming from both private and public sector

Total budget: >90 Million (50% EU contribution), >250 Participants,

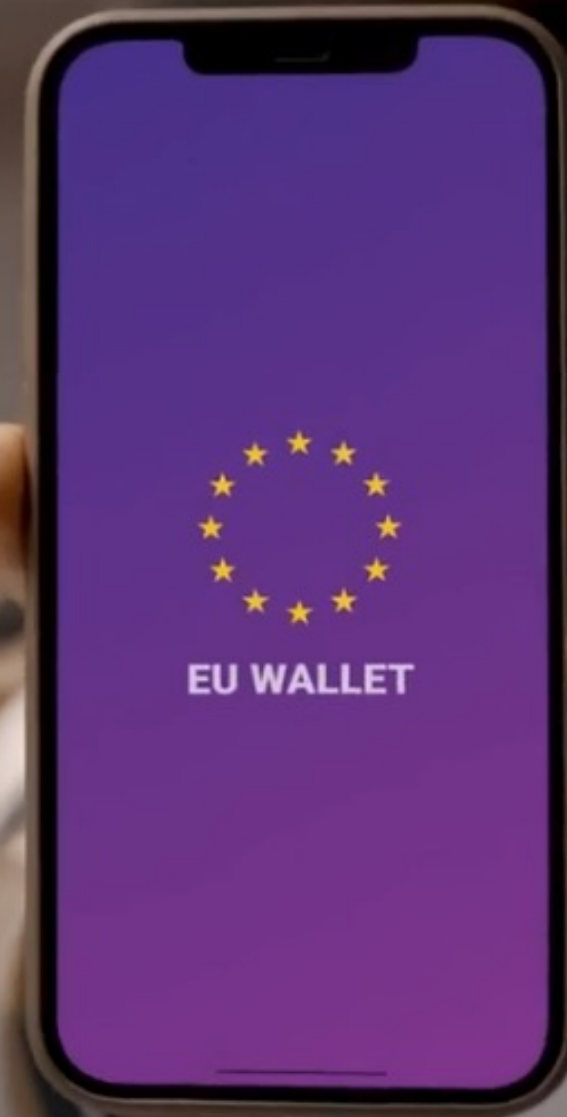
Use-cases

-  • **Mobile Driving Licences (mDL)** – for online and physical interactions
-  • **Opening a Bank Account** – to verify a user's identity when opening a bank.
-  • **SIM Registration** – Wallet to prove their identity in pre- and post-paid SIM card contract registration
-  • **eSignatures** - provide a secure digital signature when signing contracts online
-  • **Accessing government services** – to file taxes or apply for supports
-  • **ePrescription** – identifying and providing details of prescription to a pharmacies
-  • **Payments** - store credentials and facilitate payments in account-to-account and card-based transactions
-  • **Travelling** – quick airplane boarding and quick border crossings (e.g. by a storing Digital Travel Credentials)
-  • **Organisational Digital** - business-to-government or business-to-business interactions
-  • **Freedom of Movement** –social security documents such as European Health Insurance Card
-  • **Education/Professional Qualification** – educational qualification or professional

Thank you

The European Digital Identity Wallet is coming

STAY TUNED



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