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EUDIW LSPs POTENTIAL and APTITUDE

eIDAS 2.0 and EUDIW: a European regulation around digital identity

The European Digital Identity Wallet (EUDIW), an initiative launched under the European Commission's efforts to **build a trusted digital ecosystem enabling cross-border interactions.** It aims to develop a Digital Identity that is :

Secure
Ensure a high level of privacy, security, and control over the personal data

Interoperable
Facilitate the mobility of EU citizens and ensure that digital identity solutions can be used across borders

User-centric
Access to various public and private services

The European Commission is using different tools:

1 **eIDAS 2.0** – regulatory framework
ARF – technical framework

2 **Large Scale Pilots (LSPs)** – Experimentations and adoption

ICAO

The French digital identity application: France Identité

France Identité
Gardez la maîtrise de vos données

The "France Identité" application, supported by an interministerial program and developed by France Titres, the national agency for secure documents, enables French citizens of **legal age** with a "bank card" format identity card to **create a digital identity** enabling them to access **public services** via **FranceConnect**, import their driving license, generate a single-use proof of identity, and present their identity face-to-face.

This initiative is part of France's drive to **offer digital identity services** and **simplify their use**.

1 600 000+
eID created
Throughout metropolitan territory and overseas.

200 000
eID with LoA High
After verification in city offices.

800 000
Authentications on France Connect
To access public services.

300 000
Single-use proof of ID
To replace photocopies of ID Cards.

ICAO

Three categories of use

Online track: access eGov services, authenticate, share ID datas

Online attestation: use a PDF file to prove your identity for services

Face-to-face: get your identity or mDL verified

France Identité stores your digital cards, and could store your DTC

Successful First Coordination of 18 European Countries + Ukraine and 165+ Partners for LSP Potential Across Key Use Cases

eGov Services (UC1)

Identification and confirmation of your identity for online public services. It allows for conducting administrative procedures online, obtaining proof of identity (PID), and accessing other services provided by public administrations.

Bank account opening (UC2)

Open current accounts, savings accounts, and deposit accounts online, using the wallet's PID both abroad or in your country.

SIM eRegistration (UC3)

Online registration of the SIM card with customer identity verification

Mobile Driving Licence (UC4)

Integration of the driver's license into the wallet, which can be used by car rental agencies as well as national authorities to verify the driver's identity and driving privileges.

Qualified electronic signature (UC5)

Qualified remote electronic signature when a service requires a signed declaration. This use case supports use cases 1 and 2 where an electronic signature is required.
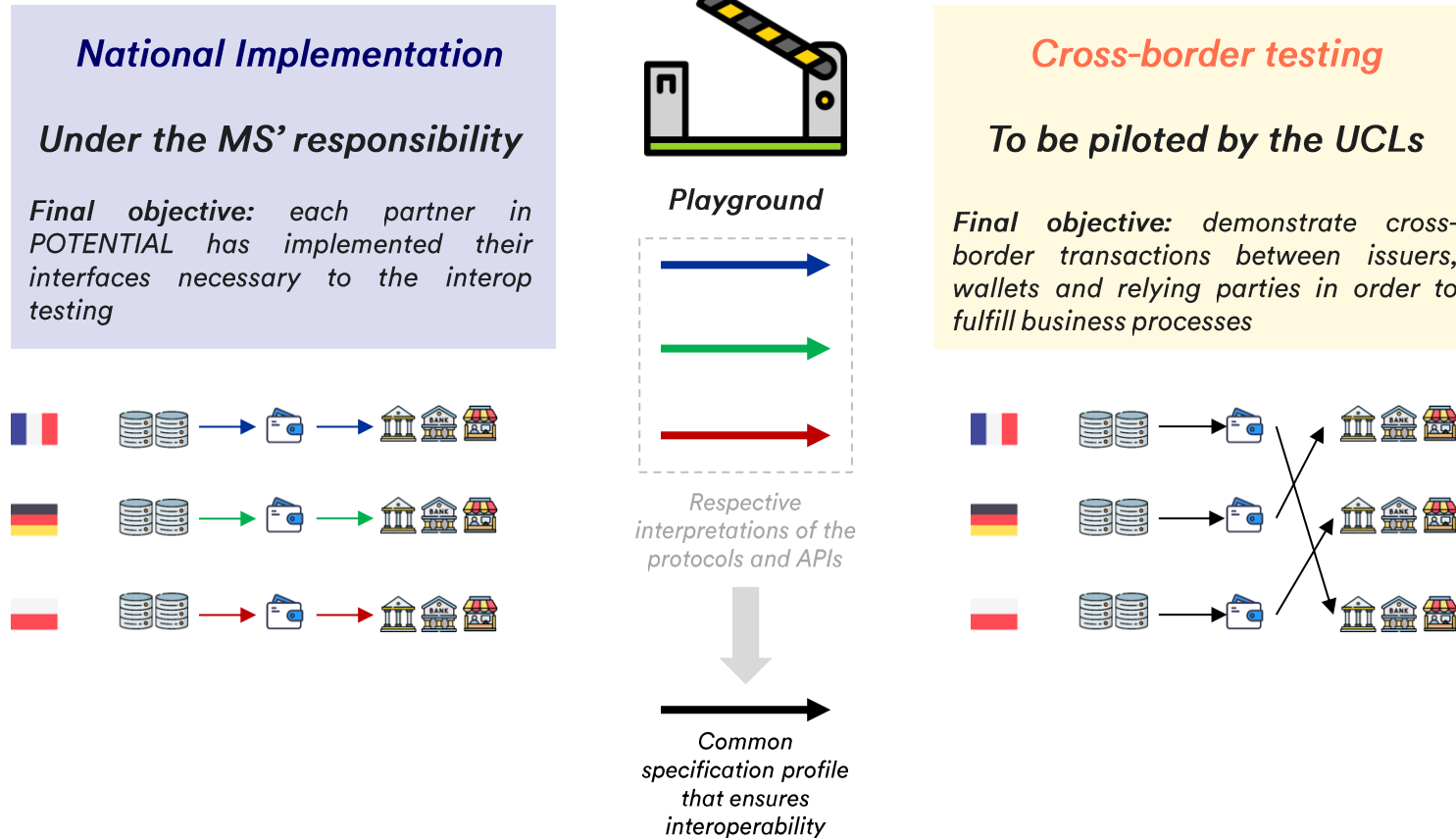
ePrescription (UC6)

Interaction with the eHDSI document exchange system to allow users to access their medical data. Users will be able to use their PID to enable qualified medical personnel to access their prescriptions.

Potentral
For European Digital Identity

Co-funded by the European Union

Cross-border testing and interoperability | Playground

The Playground serves as a **dedicated testbed for interoperability** within POTENTIAL. It allows partners to **interact with systems and applications, conduct tests, and validate information exchange** processes before cross-border tests.

National Implementation

Under the MS' responsibility

Final objective: each partner in POTENTIAL has implemented their interfaces necessary to the interop testing

Playground

Respective interpretations of the protocols and APIs

Common specification profile that ensures interoperability

Cross-border testing

To be piloted by the UCLs

Final objective: demonstrate cross-border transactions between issuers, wallets and relying parties in order to fulfill business processes

APTITUDE: an upcoming Consortium working on EUDIW, focusing on travel

APTITUDE - Funded by the European Union

Following eIDAS2.0 regulation around EUDIW, the **European Commission launched a new round of Large Scale Pilots**. The new 24 months long projects starting in **October 2025**, will focus on new use cases. APTITUDE experimentations will be about the following:

Digital Travel Credentials

Tickets and Check-in

mvRC

Payments and Banking

Wallet for mobility

Wallet for payment

11 Member States and Ukraine are working in different use cases:

Project Coordinator

Overview of DTC use case within the project

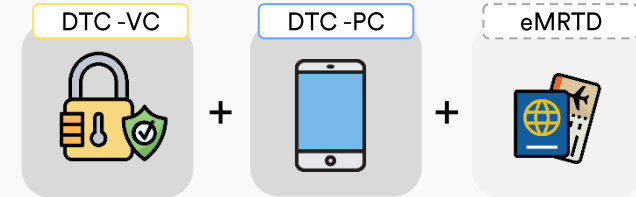**APTITUDE**
Funded by the European Union

- 11 Member States
- eIDAS 2.0 (EUDIW)
- 4 Use cases
- Focus on travel
- Focus on payment
- 24 months project
- Beginning 01/10
- Public actors

Participating to DTC experimentation

Flags: France, Germany, Greece, Portugal, Poland, Czech Republic

ARICOMA GETLINK POLIGRAFICO E ZECCA DELLO STATO ITALIANO
grnet pagoPA bdr BUNDESDRUCKEREI
France Titres ama AGÊNCIA PARA A MODERNIZAÇÃO ADMINISTRATIVA
sopra steria COI
IATA IDEMIA iRN institute of registries and notary
aéroport marseille provence iNCM IMPRENSA NACIONAL CASA DA MOEDA IN GROUPE

Digital Travel Credentials (DTC)

Type 2 DTC to be issued in EUDIW

DTC -VC + DTC -PC + eMRTD

VC is cryptographically binded to PC

- Experimentation around **border control**, using DTC Type 2

- **Reduce congestion and waiting time** at the airports

- **Reduce identity fraud** and **facilitate onboarding**

- Reuse DTC **datas for related transactions**

- **Rely on ICAO specifications**

Thank You

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