Wallet use cases for TSPs

Michał Tabor

EU DI Wallet Functions

Identification to online public services

Offline identification

Identification to online private services

Authentication

EU DI WALLET

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Collecting attestations

Presentation of attributers

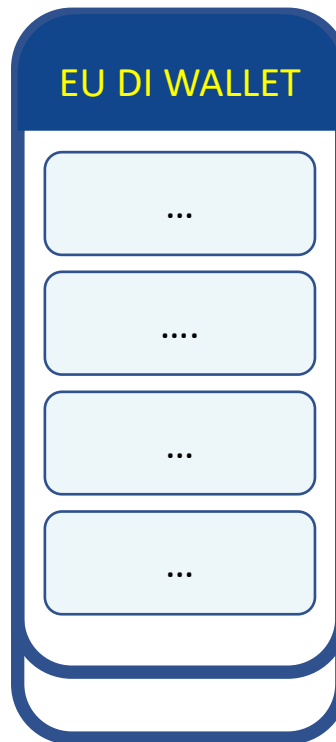Qualified electronic signature

Payments

OBSERWATORIUM.BIZ

EU DI Wallet Functions

BASIC

Identification to online public services

Offline identification

Identification to online private services

Authentication

EU DI WALLET

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TRUST SERVICES BASED

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OBSERWATORIUM.BIZ

EU DI Wallet Functions

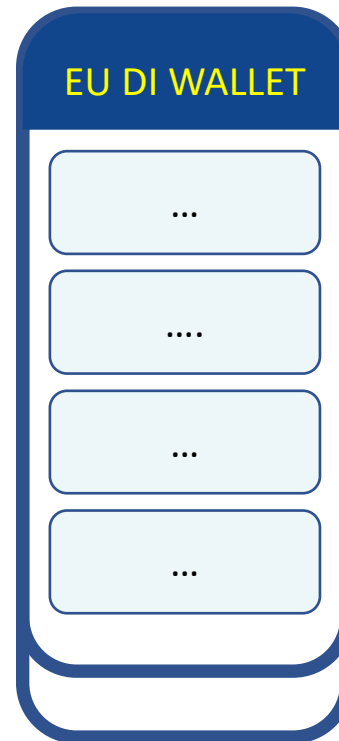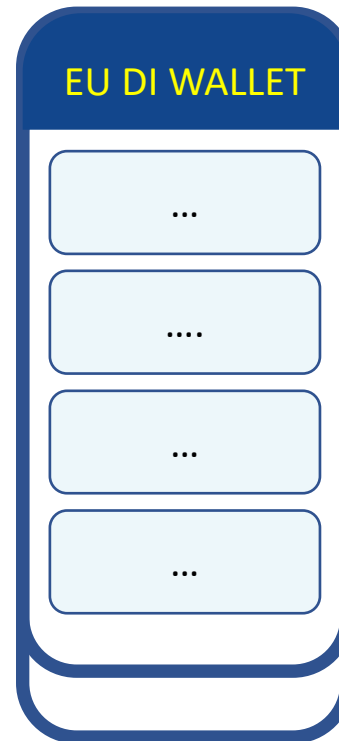## BASIC

Identification to online public services

Offline identification

Identification to online private services

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TRUST SERVICES BASED

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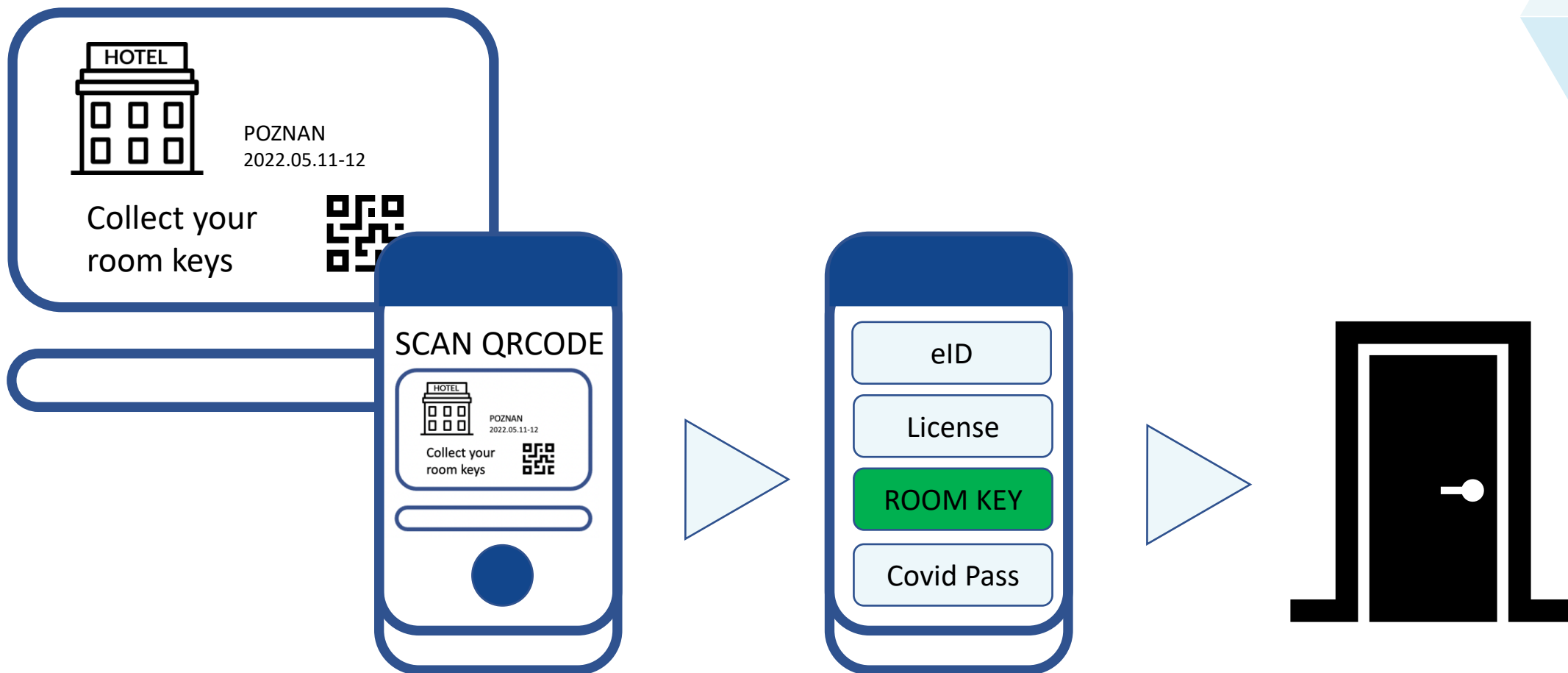# Digital Identity Wallet is game changer

ISSUERS

RELYING PARTIES

EU DI WALLET

ISSUERS

RELYING PARTIES

OBSERWATORIUM.BIZ
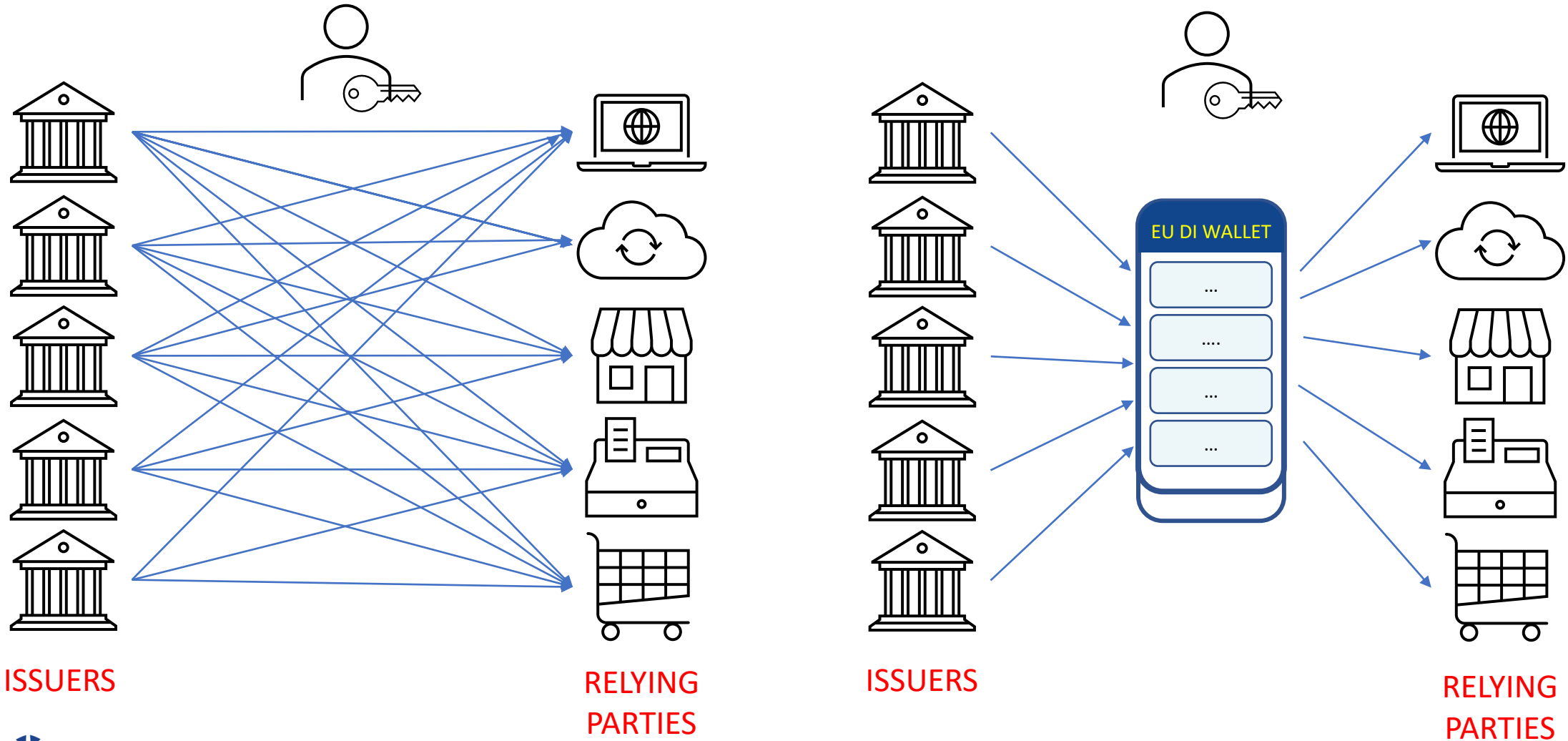
Book a flight use case
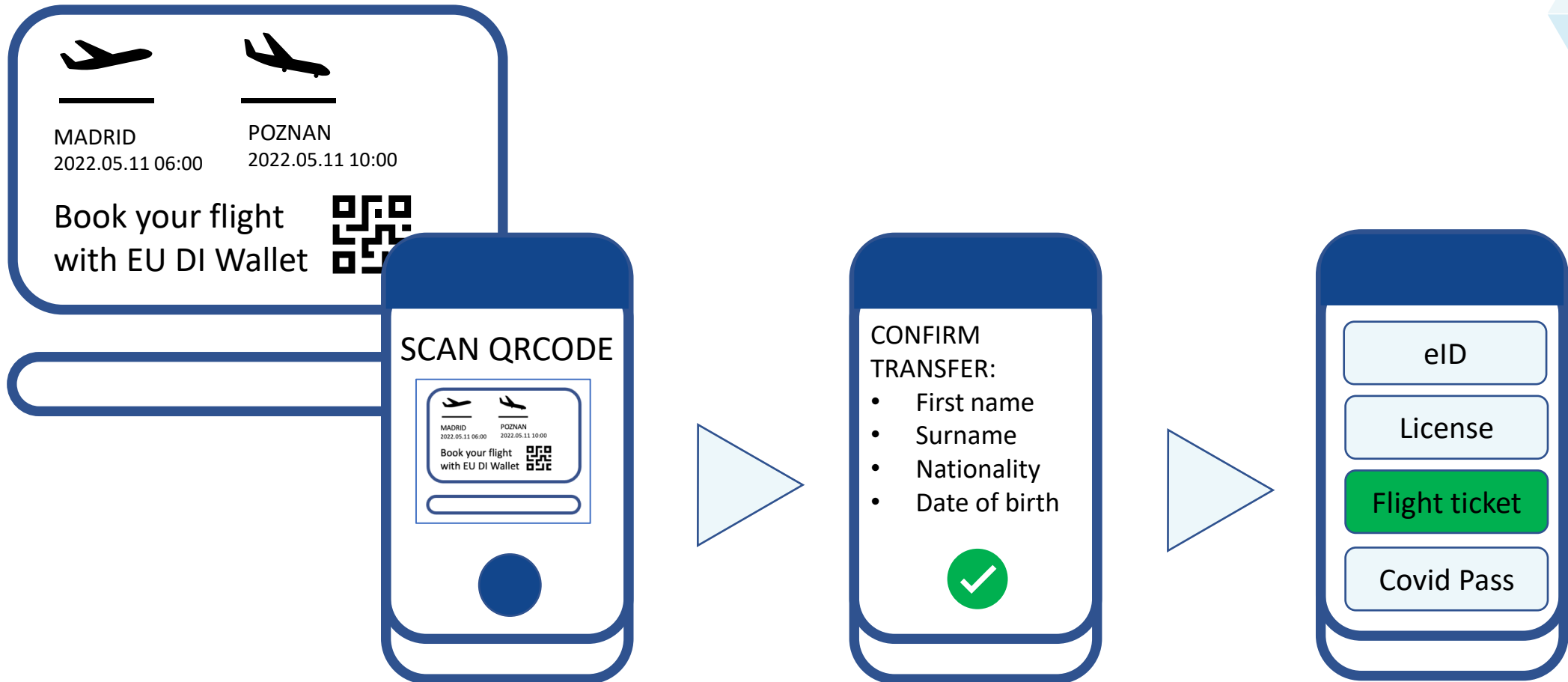
Hotel room keys

Bank confirmations and balance certificate

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Power of attorney

POWER OF
ATTORNEY

Upload
attestations

SCAN QRCODE

POWER OF
ATTORNEY

Receiver your
credential

ACCEPT A NEW
ATTRIBUTE:

Your power of
attorney
credential

eID

License

PROXY

Covid Pass
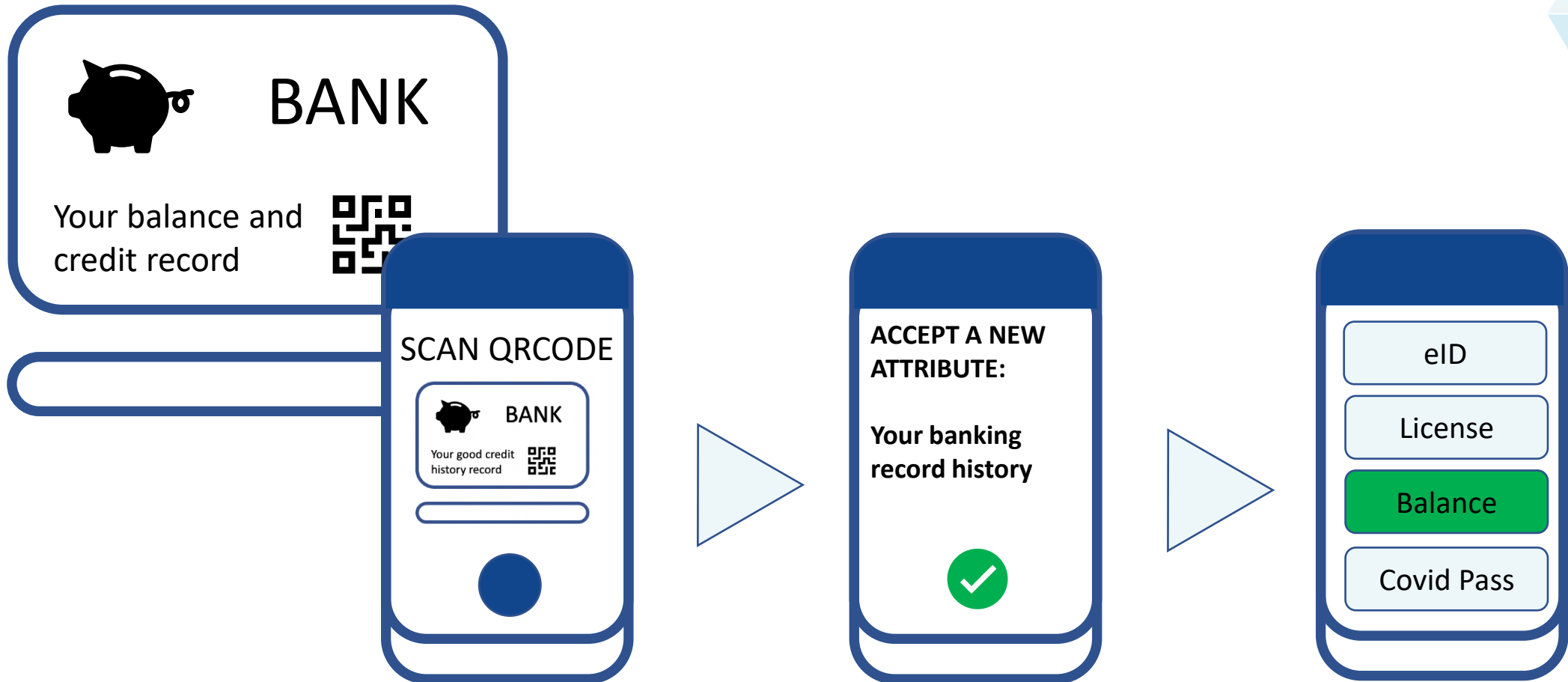
Issuance of attestation of attributes
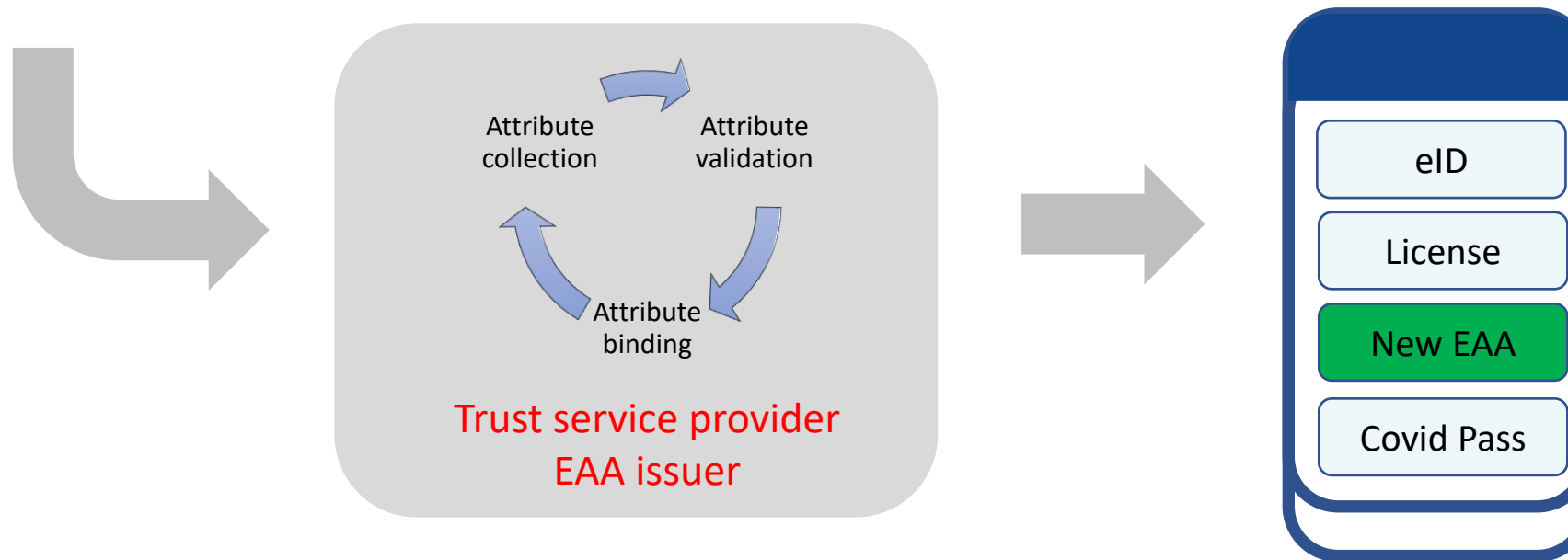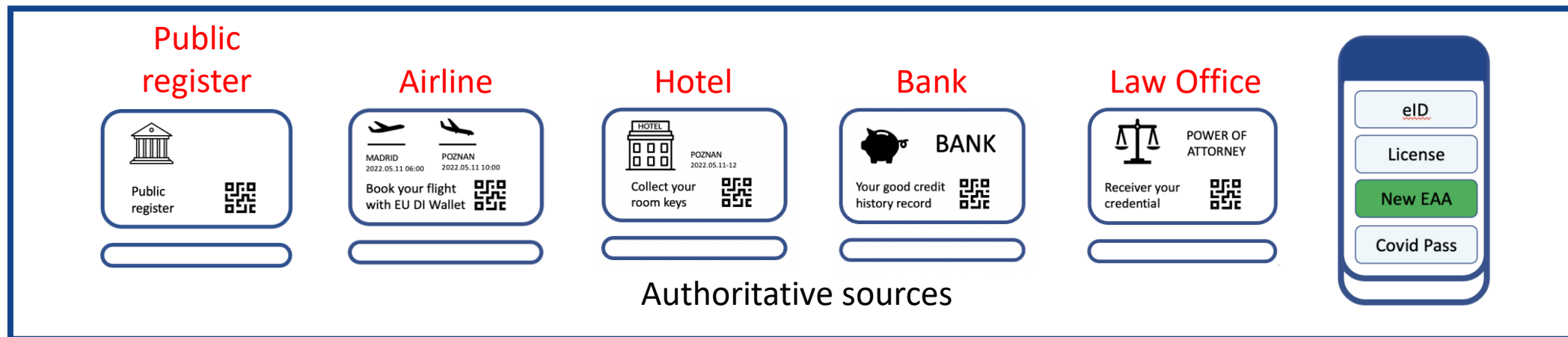
Public register   **Airline**   **Hotel**   **Bank**   **Law Office**

MADRID 2022.05.11 06:00   POZNAN 2022.05.11 10:00
Book your flight with EU DI Wallet

HOTEL   POZNAN 2022.05.11-12
Collect your room keys

BANK
Your good credit history record

POWER OF ATTORNEY
Receiver your credential

Public register

Authoritative sources

eID
License
New EAA
Covid Pass

Attribute collection   Attribute validation

Attribute binding

Trust service provider EAA issuer

eID
License
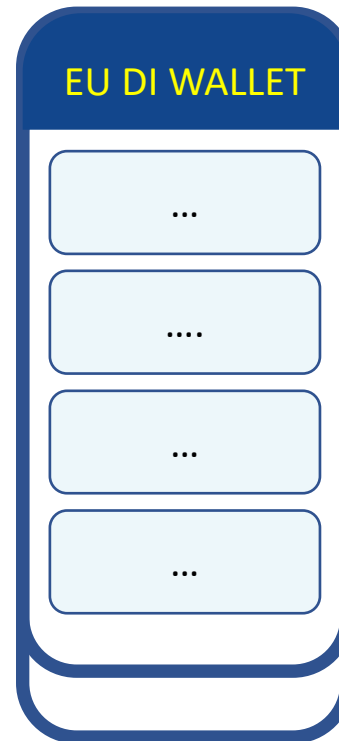New EAA
Covid Pass

OBSERWATORIUM.BIZ

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TRUST SERVICES BASED

Collecting attestations

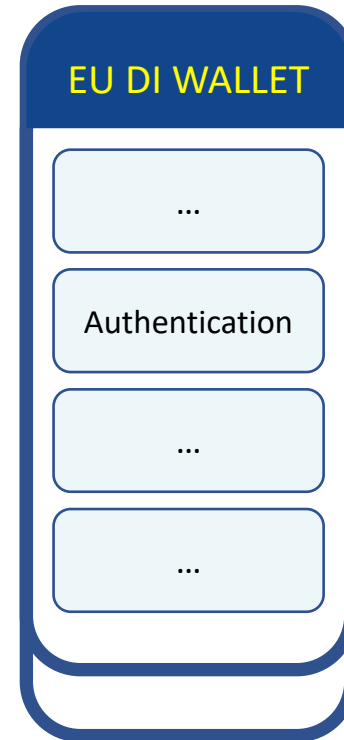Presentation of attributers

Qualified electronic signature

Payments

OBSERWATORIUM.BIZ
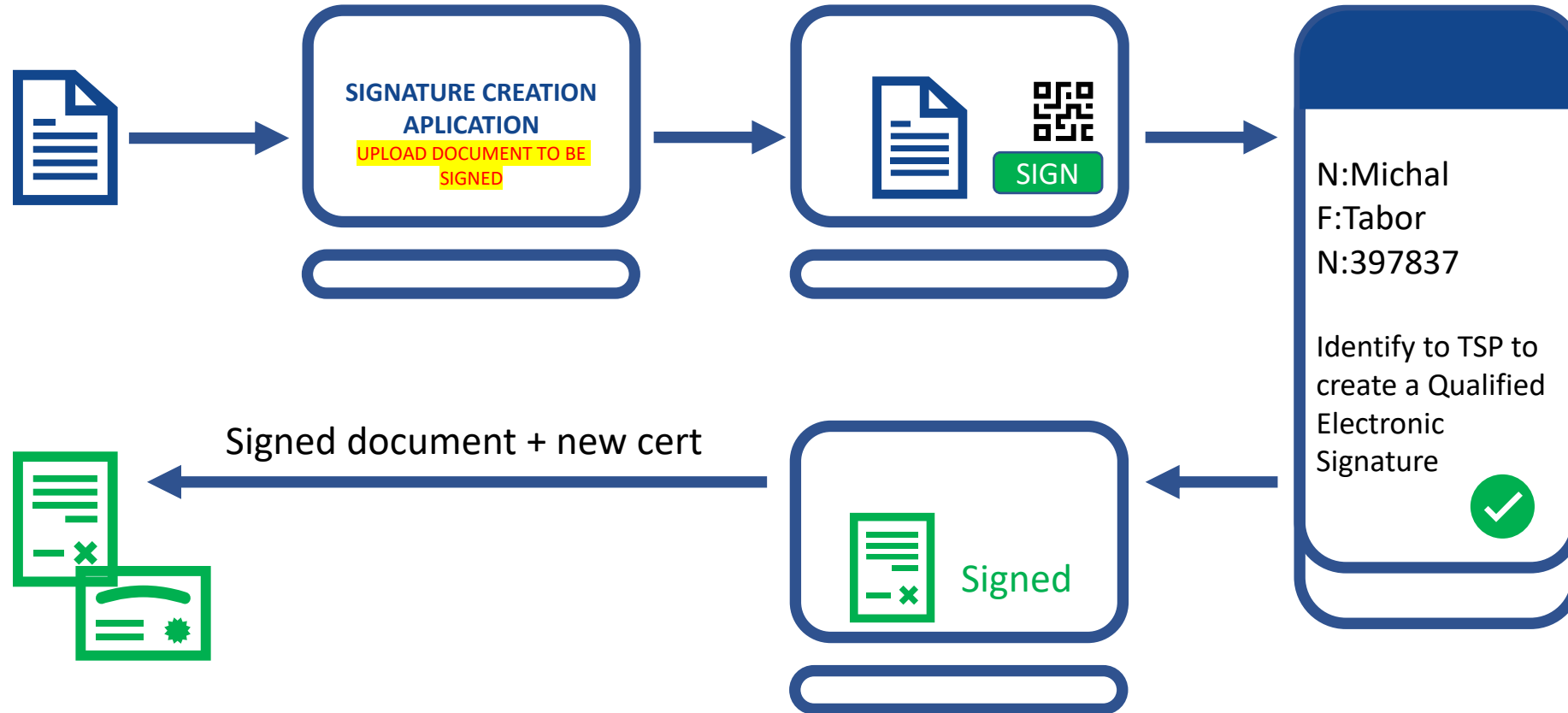
Creation of Qualified Electronic Signature

One time

EU DI WALLET
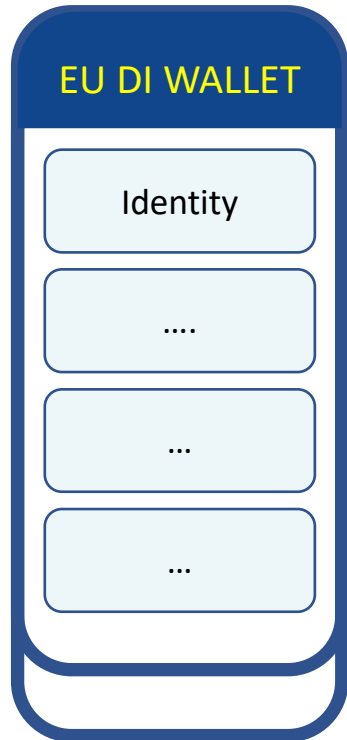
- Identity
- ....
- ...
- ...

- Short term certificate

- One time signature

- Wallet provides identification

Multi use

EU DI WALLET

- ...
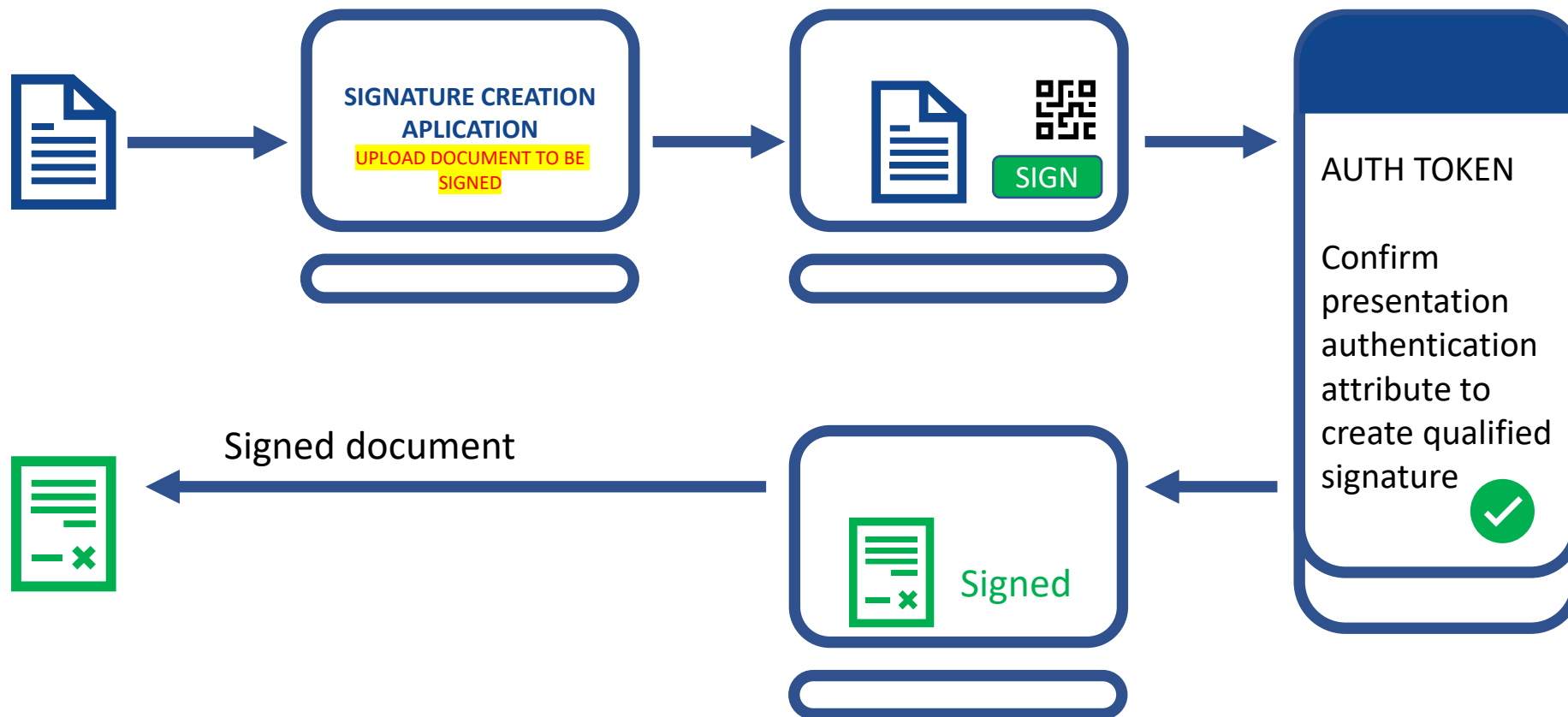- Authentication
- ...
- ...

- Long term certificate

- Remote QSCD under sole control of the wallet user

- Wallet provides authentication

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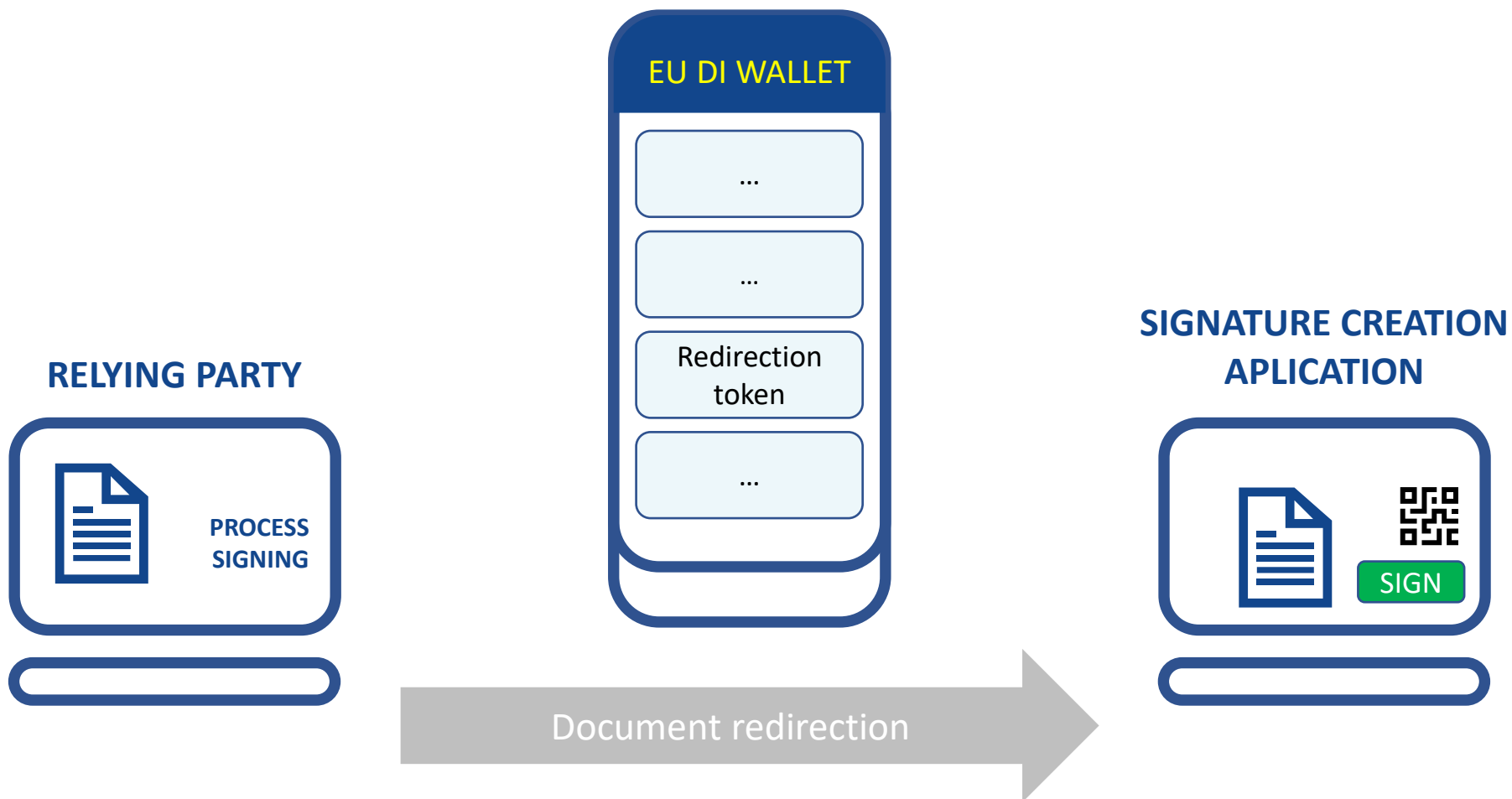# One time signature – short term certificates

SIGNATURE CREATION APLICATION
UPLOAD DOCUMENT TO BE SIGNED

SIGN

N:Michal
F:Tabor
N:397837

Identify to TSP to create a Qualified Electronic Signature

Signed document + new cert

Signed

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Multi use signature – long term certificates

SIGNATURE CREATION APLICATION
UPLOAD DOCUMENT TO BE SIGNED

SIGN

AUTH TOKEN

Confirm presentation authentication attribute to create qualified signature

Signed document

Signed

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Long term certificate issuance
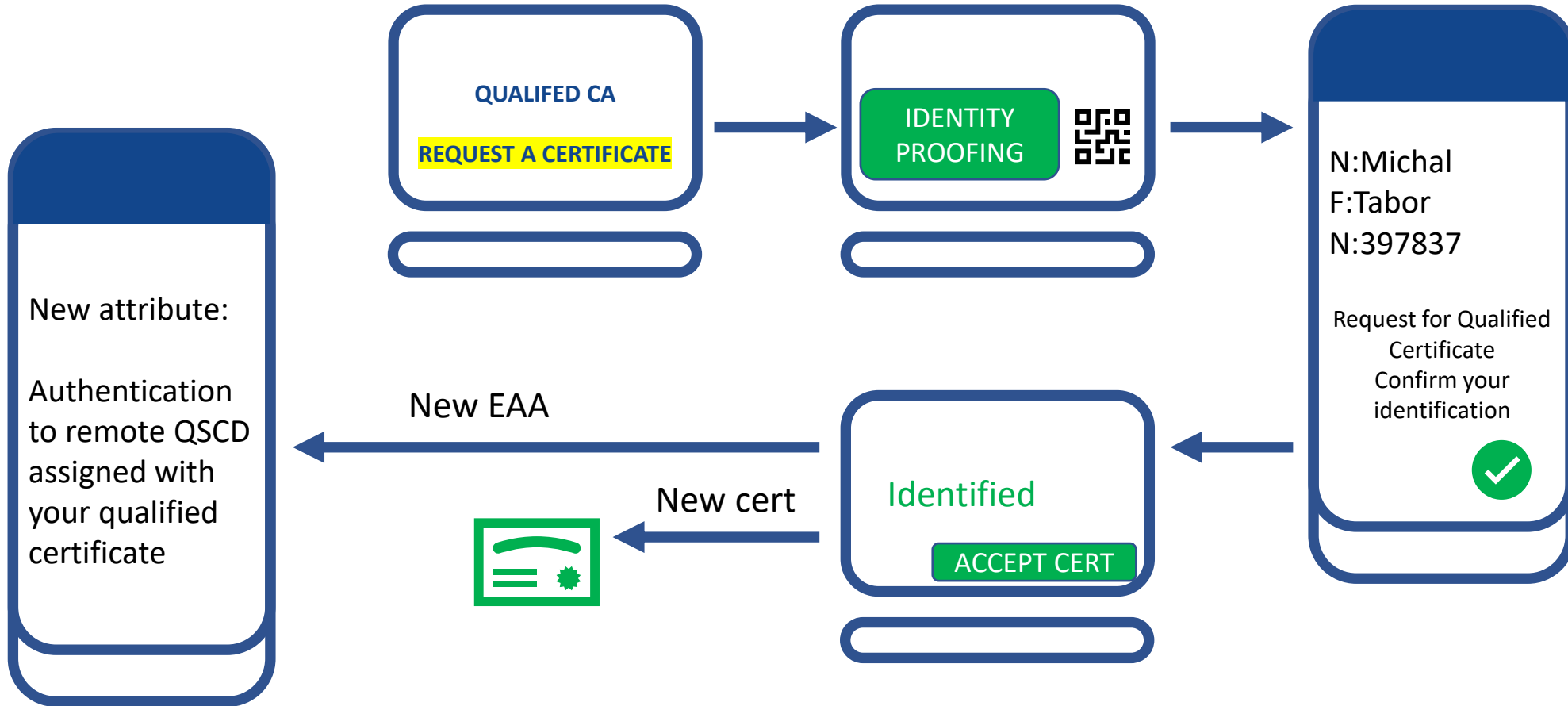
Document to be signed redirection to SCA

EU DI WALLET

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Redirection token

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RELYING PARTY

PROCESS SIGNING

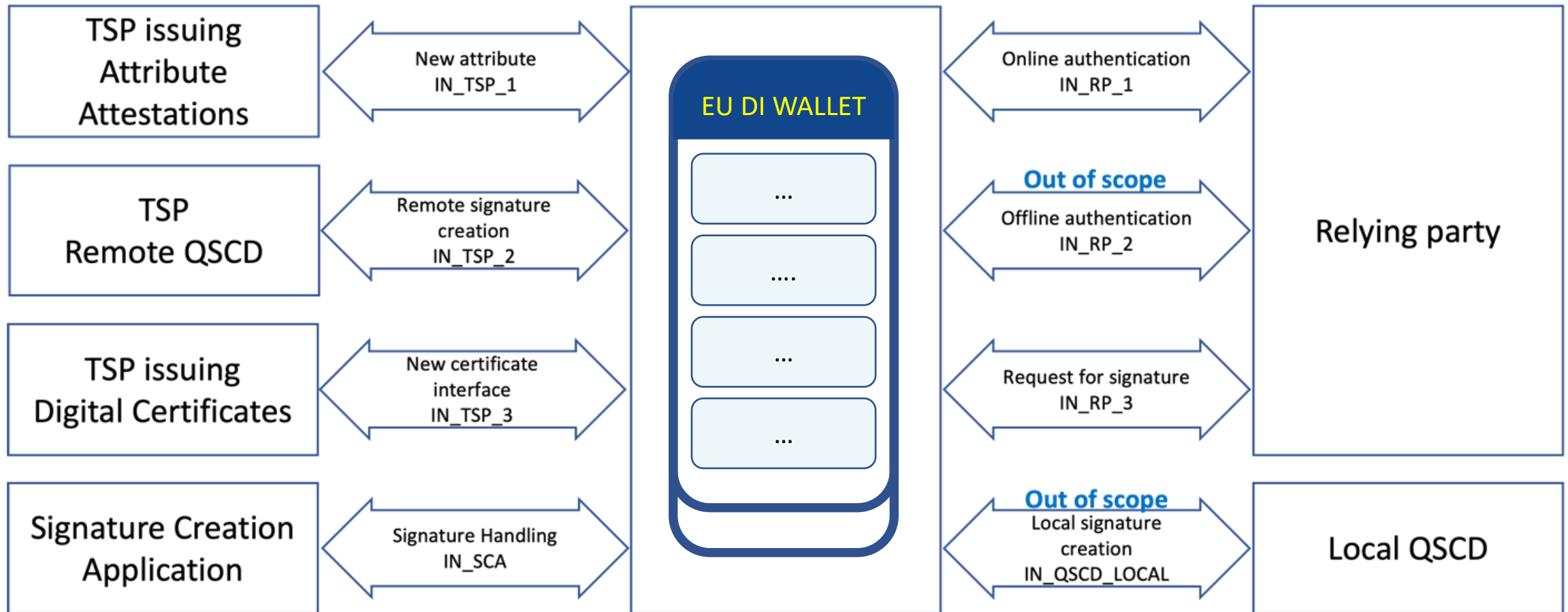**SIGNATURE CREATION APLICATION**

SIGN

Document redirection

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ETSI 119 462 - Wallet interfaces for trust services and signing

▶ Thank you!

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