



TECNOINVESTIMENTI GROUP

# eldas and SSI interactions

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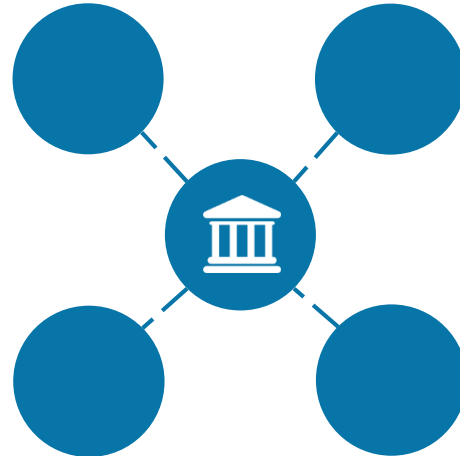


# Evolution of trust

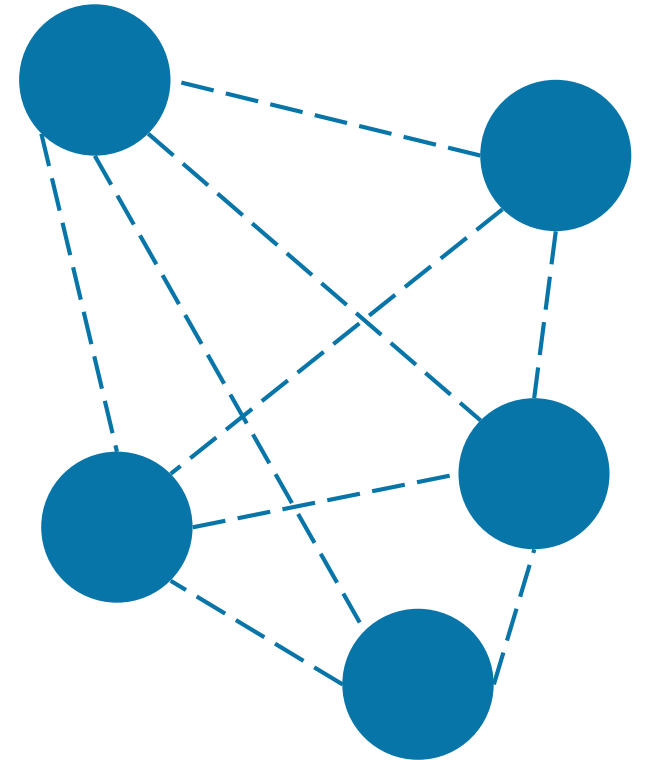
LOCAL



INSTITUTIONAL

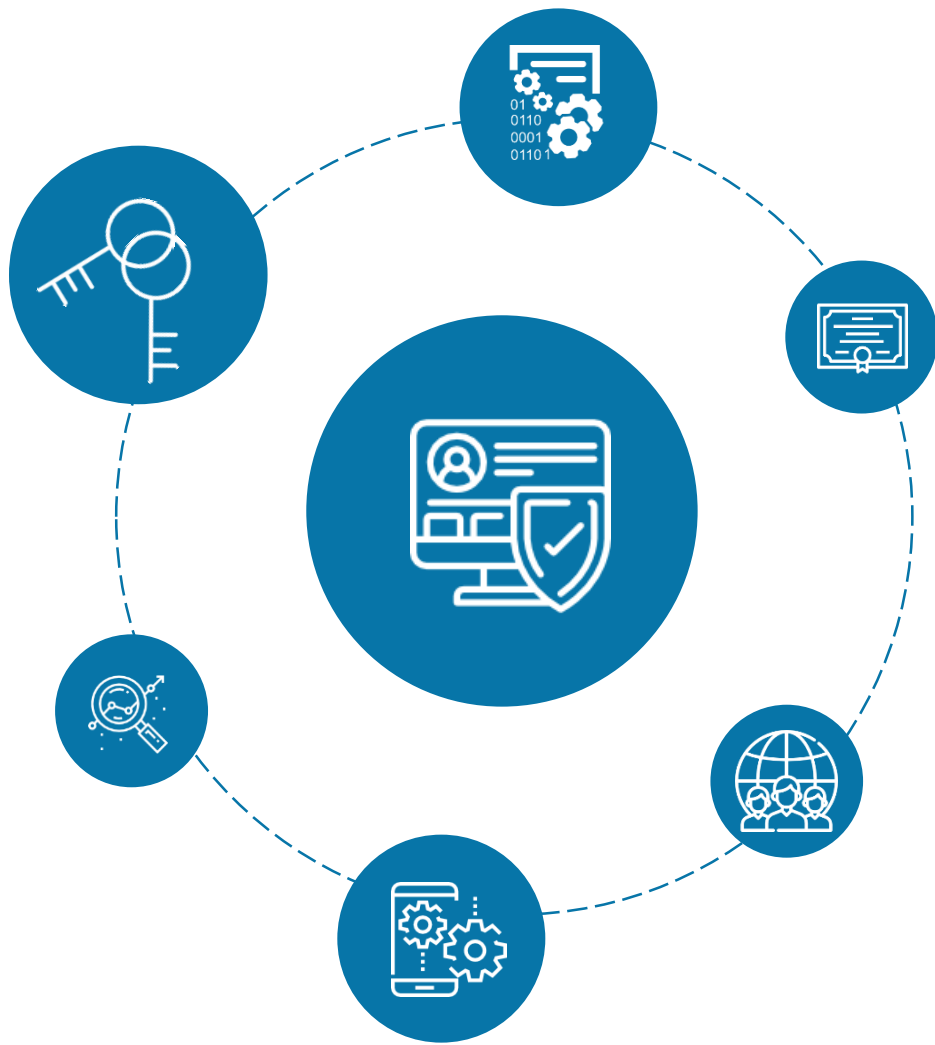


DISTRIBUTED



*Source: Rachel Botsman, «Who can you trust?», Penguin, 2017.*

# Trust *de facto* vs trust *de iure*



# eIDAS trust framework



LEGAL FRAMEWORK



DIGITAL BY DESIGN



PAPERLESS



DATA CULTURE

## UNIQUE DIGITAL MARKET

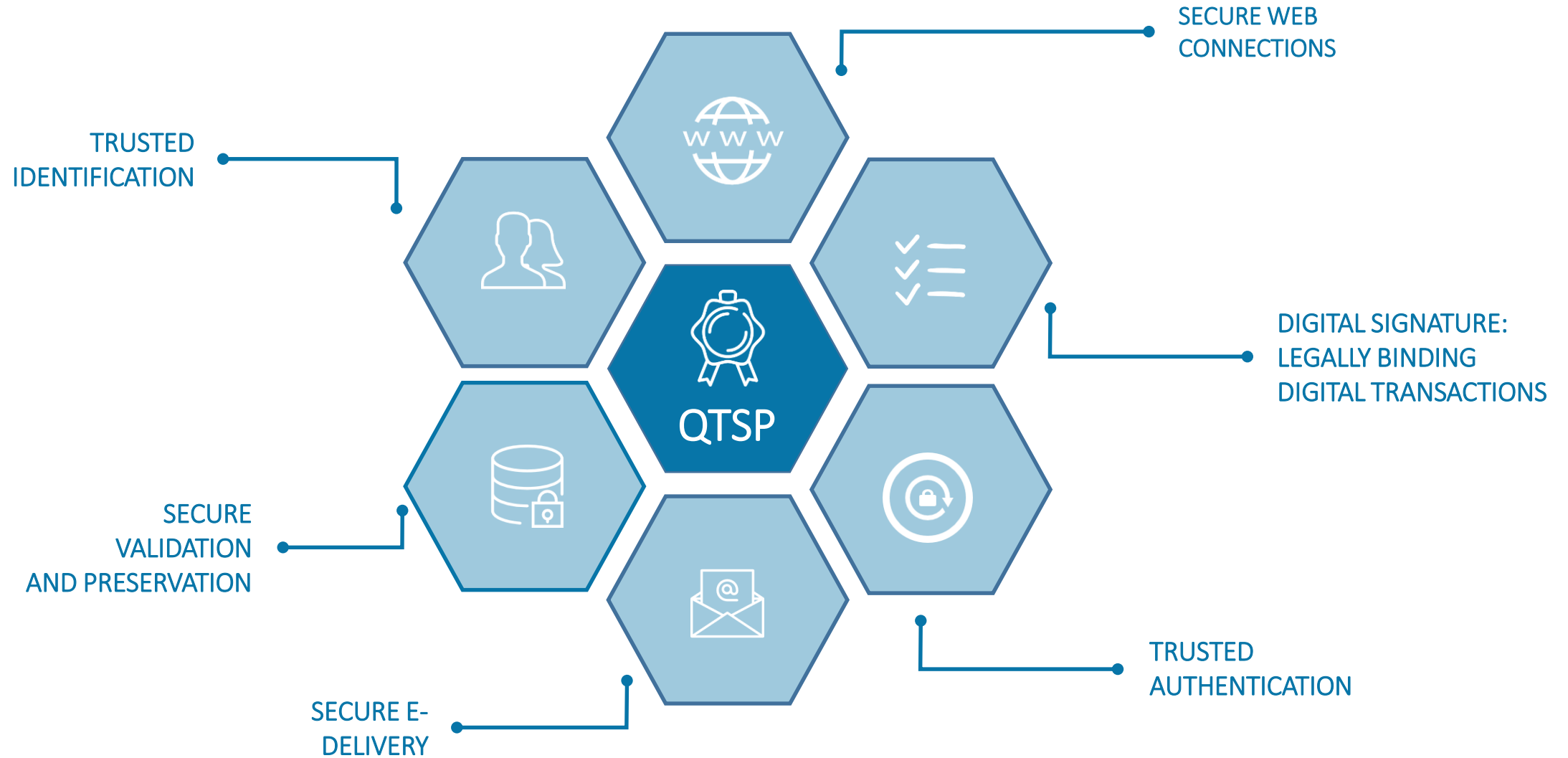
The new European regulation (Regulation 910/2014 on electronic Identification Authentication and Signature - eIDAS) is today fully in force: the scope of the regulation is to create a unique digital single market and allow the digital citizens to obtain a whole digital experience. A common and legally binding law is essential for the grow of the digital business. The regulation includes all the aspect of digital life, in order to enable the trusted access to online – public and private – services.



## DIGITAL BY DEFAULT

The today regulation solve the problem of the **DIGITAL FIRST**: the idea that the Public Administration first and the private services later shall adopt a fully digital approach in order to reduce cost and grants a trusted approach to online services. Today we have a coherent legal framework which is made mandatory both from the European Authority and the local Authorities: the Qualified Trust Service Provider (QTSP) enables the trust in the market.

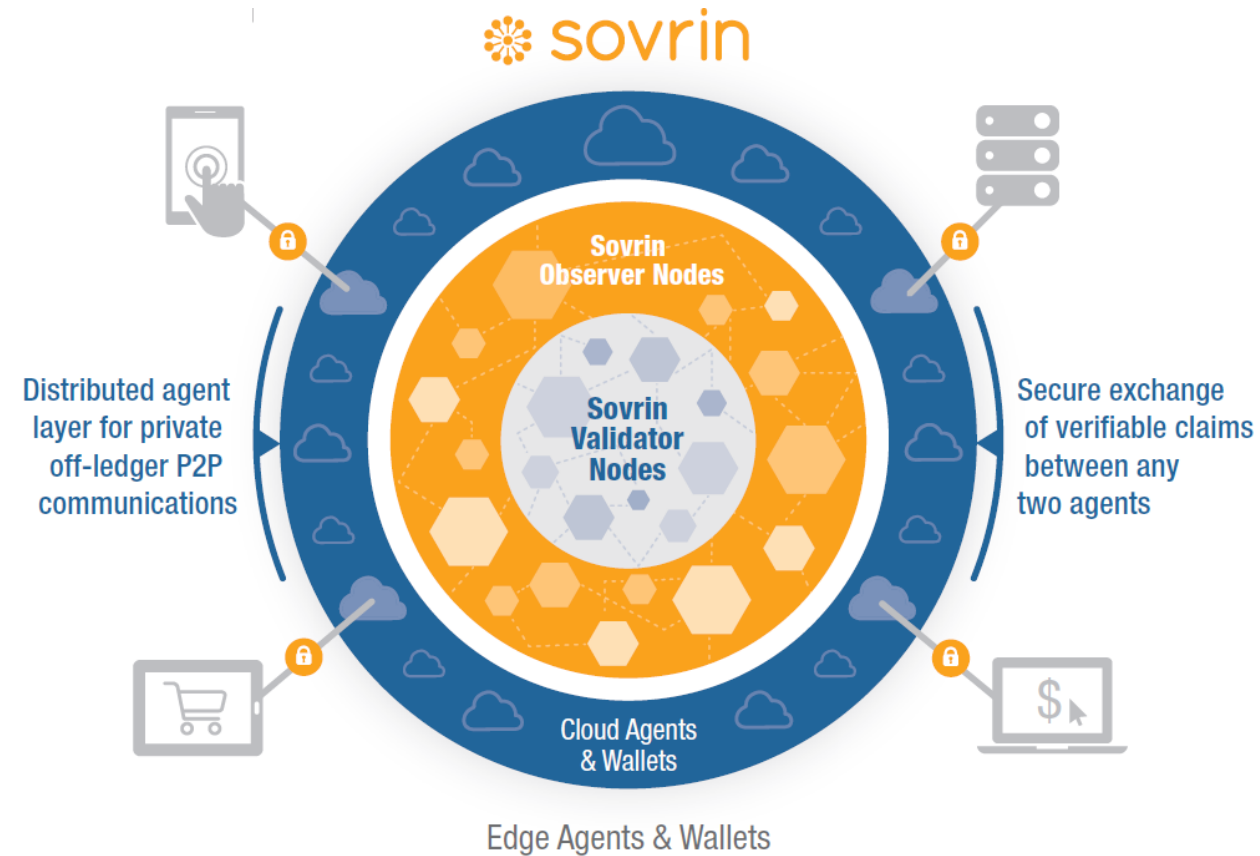
# TSP Role in the eIDAS trust framework



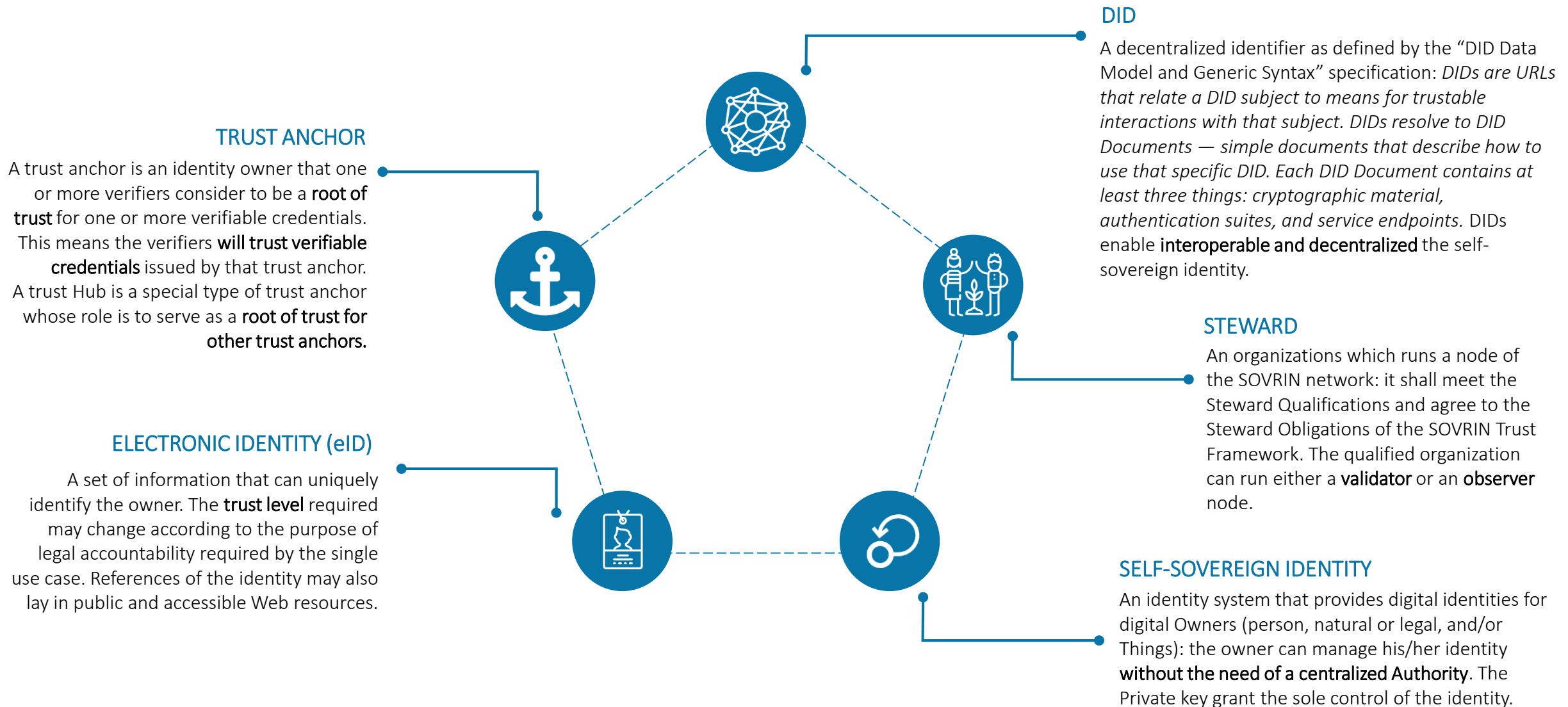
The **Sovrin Network** has been designed to establish a global public utility for self-sovereign identity

Sovrin implements **Privacy by Design** on a global scale, including pairwise pseudonymous identifiers, peer-to-peer private agents, and selective disclosure of personal data using zero-knowledge proof cryptography.

The network is **open source** and designed to establish trust through transparency, diffusion, and neutrality.



# SOVRIN SSI key concepts



# InfoCert role in the SOVRIN network

InfoCert can give an identity to each wallet, in order to grant the compliance with existing identification laws

## IDENTIFICATION



The source of the data shall be certified and checked by a trusted party as InfoCert. Issuing

## TRUST ANCHOR



## AUTHENTICATION



InfoCert enables the use of advanced authentication mechanism each time a service on the ledger is called in action

## FOUNDING STEWARD



InfoCert runs a Sovrin node and offer integration services to enable the access to the Network for citizens and institutions

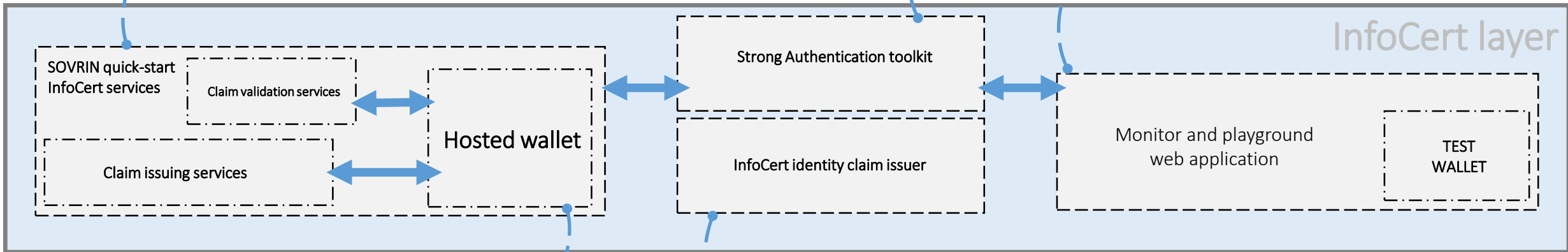


# InfoCert role as a SSI TSP– if it makes sense...

- Hosted or backup wallet: repository of claims and keys of the customer
- Claim issuing services: service to issue claims toward a customer wallet
- Claim validation services: service to validate claim as received by a customer wallet
- Infrastructure management

- Services for customer / supervisor strong authentication

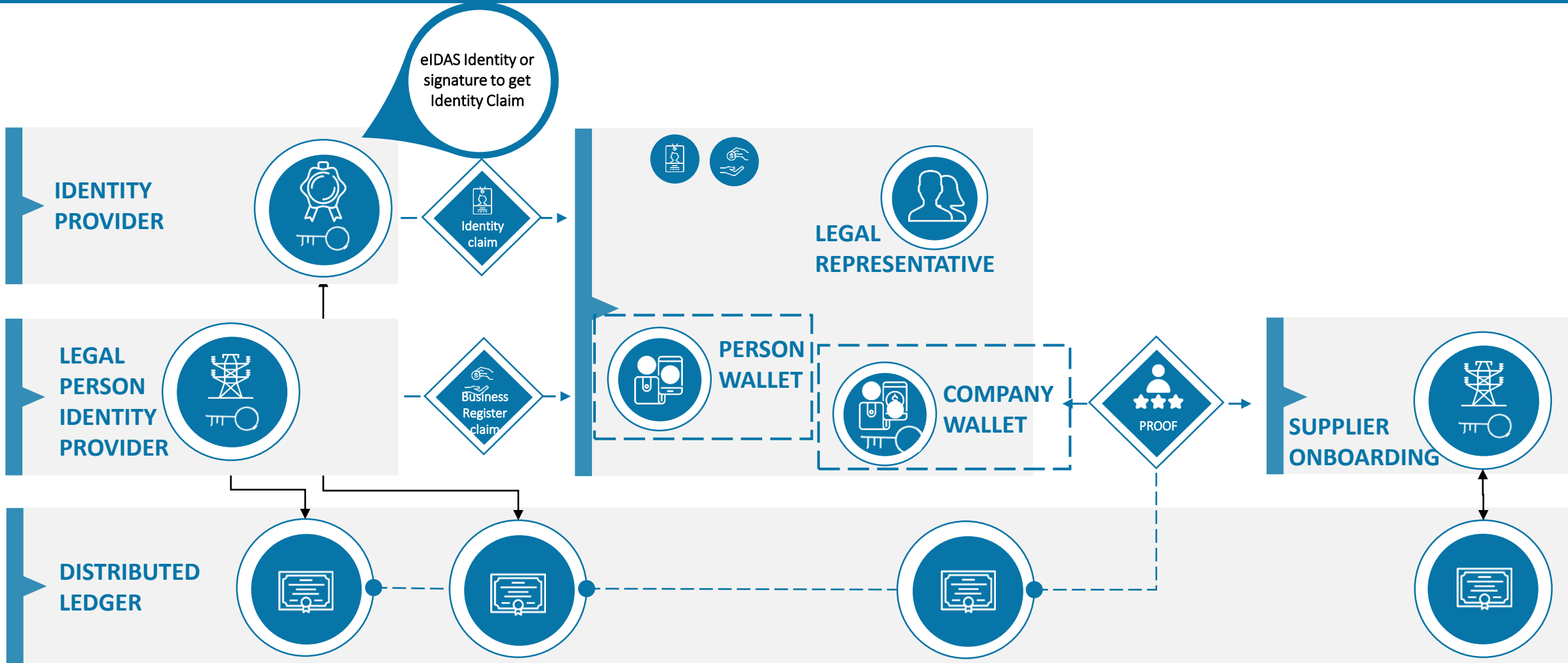
- A web application to navigate into the ledger, also used as a playground for operators; includes a test wallet



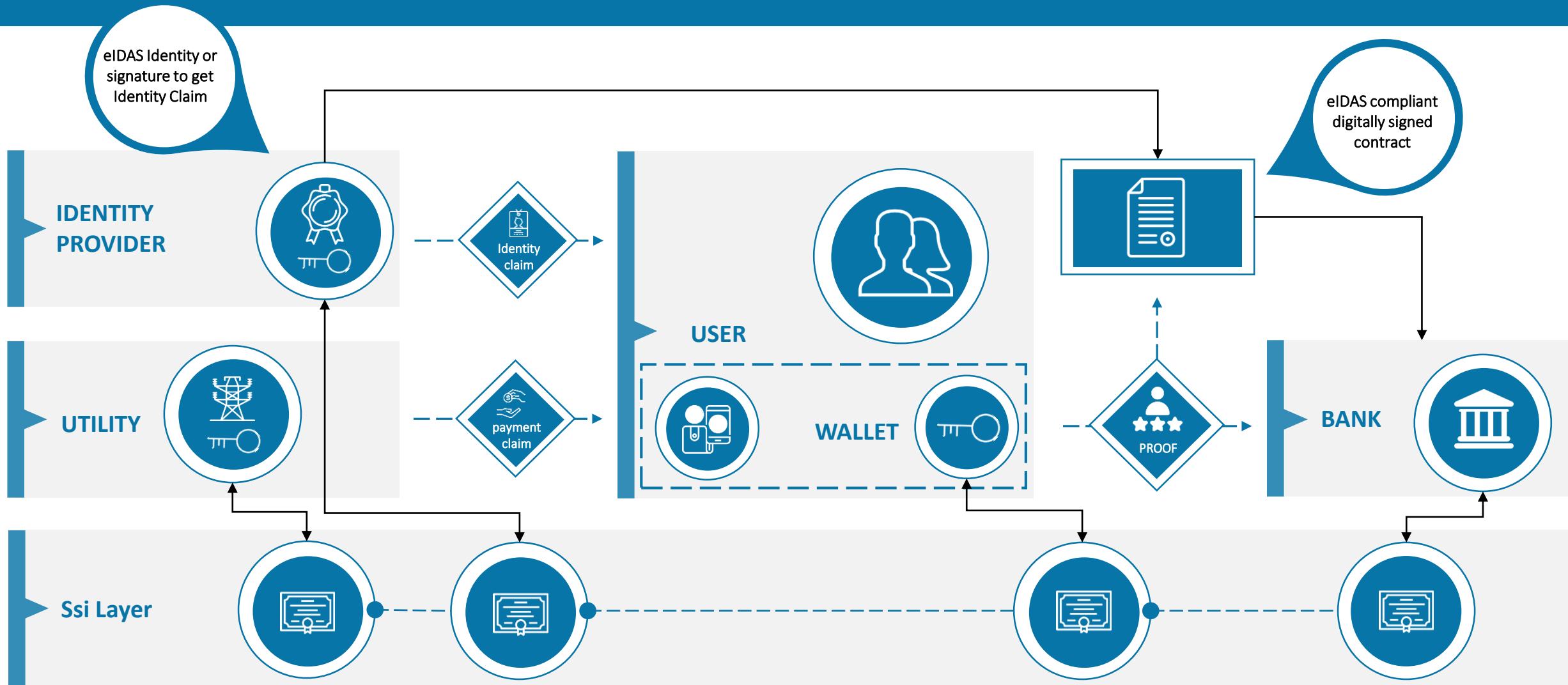
- App for access to the wallet
- Integrates infoCert authentication services

- Issuer of claims proving identity attributes

# SOVRIN & eIDAS: Company Identity



# SOVRIN & eIDAS – Personal Loan use Case





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# Thank you

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