Self Sovereign Identity for Germany

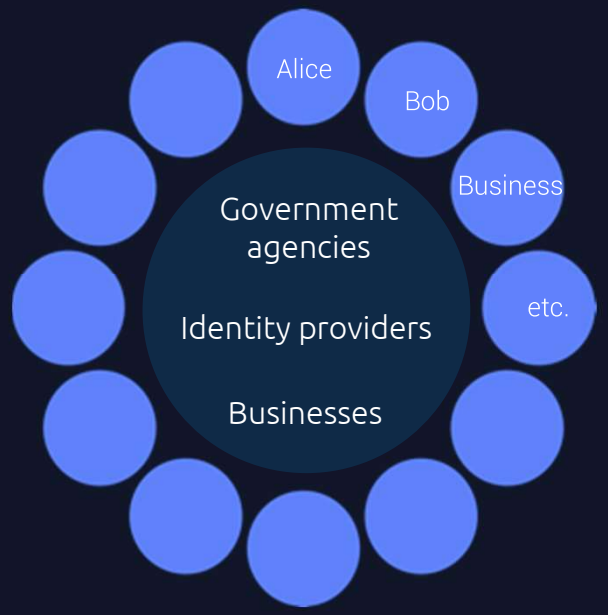
Our mission

- “SSI for Germany” is a cross-industry initiative for a new way to identify individuals, legal entities and things.
- SSI stands for Self Sovereign Identity – in German: “selbstbestimmte Identität”
- Our objective is to establish an ecosystem for self-sovereign identities in Europe based on a common DLT (aka Blockchain) network (IDunion).
- Our solution is built on open source technology (Hyperledger Aries and Hyperledger Indy) and we cooperating with partners worldwide.

Introduction to Self-sovereign identity

Traditional identity management

Third parties manage identity data on behalf of individuals/subjects – limited control over identity



Self-sovereign identity management

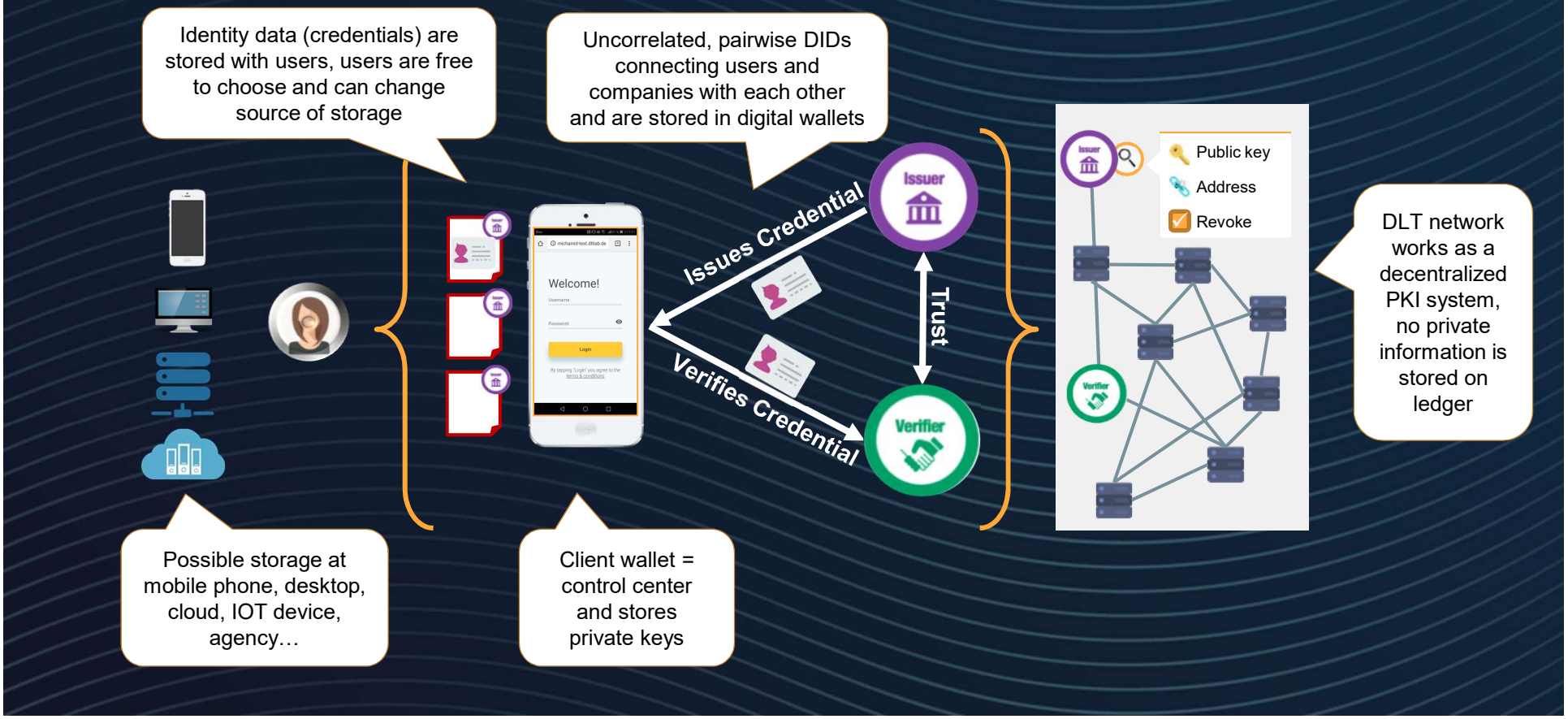
Individuals/subjects manage their identity data themselves – full control over identity

The evolution of identity

Self Sovereign Identity solutions could solve traditional identity management problems

	siloed	federated	user-centric	self-sovereign
Convenient usage: ***Single-sign-on single point of truth***	✗	✓	✓	✓
Full control: ***Portability, monetization, choice of provider***	✗	✗	✗	✓
Honey pot avoidance	✗	✗	✗	✓
Reduced correlation and sale of data	✓	✗	✗	✓

Instead of a central authority, trust is organized via a DLT network which works as a decentralized PKI system



Standardization

Major international standardisation organisations are currently working to set the standards

	Architectural components	Organization
Gover-nance	EBSI / ESSIF	
	Technical & Governance stack	TRUST Over IP FOUNDATION
Technical	VC - Verified Credentials	W3C
	DID - Decentralized Identifier	W3C
	DIDcomm	DIF
	DID Auth	DIF IETF
	DKMS - Decentralised key mgnt.system	OASIS

German innovation competiton

Schaufenster Digitale Identitäten

Bundesministerium
für Wirtschaft
und Technologie

The "SSI for Germany" initiative is funded by the federal ministry for economic affairs of Germany as part of an innovation competition for identities.

SSI4DE

Our partners

main INCUBATOR COMMERZBANK

bdr. BUNDESDRUCKEREI

Technische Universität Berlin

esatus AG The CISO Consulting Company

BOSCH

Consortia Partners

Associated Partners

ING

Boniversum Creditreform

Ministerium für Wirtschaft, Innovation, Digitalisierung und Energie des Landes Nordrhein-Westfalen

GS1 Germany

bank-verlag

SIEMENS

Bundesamt für Migration und Flüchtlinge

DB

regio IT

DEUTSCHE BÖRSE GROUP

Stadt Köln

Telekom Innovation Laboratories

FESTO

fostered by:

Bundesministerium für Wirtschaft und Energie

Use cases in various industries

Mobility, Transport & Automotive
- Sharing economy
- Smart access/ Smart locks cars
- Digital driver license
- Smart mobility check-in
- IOT identities

Healthcare & Chemicals
- Electronic health card
- Sharing medical records/ patient file
- Telemedicine
- Vaccination certificates
- Covid19 pass
- Electronic recipes

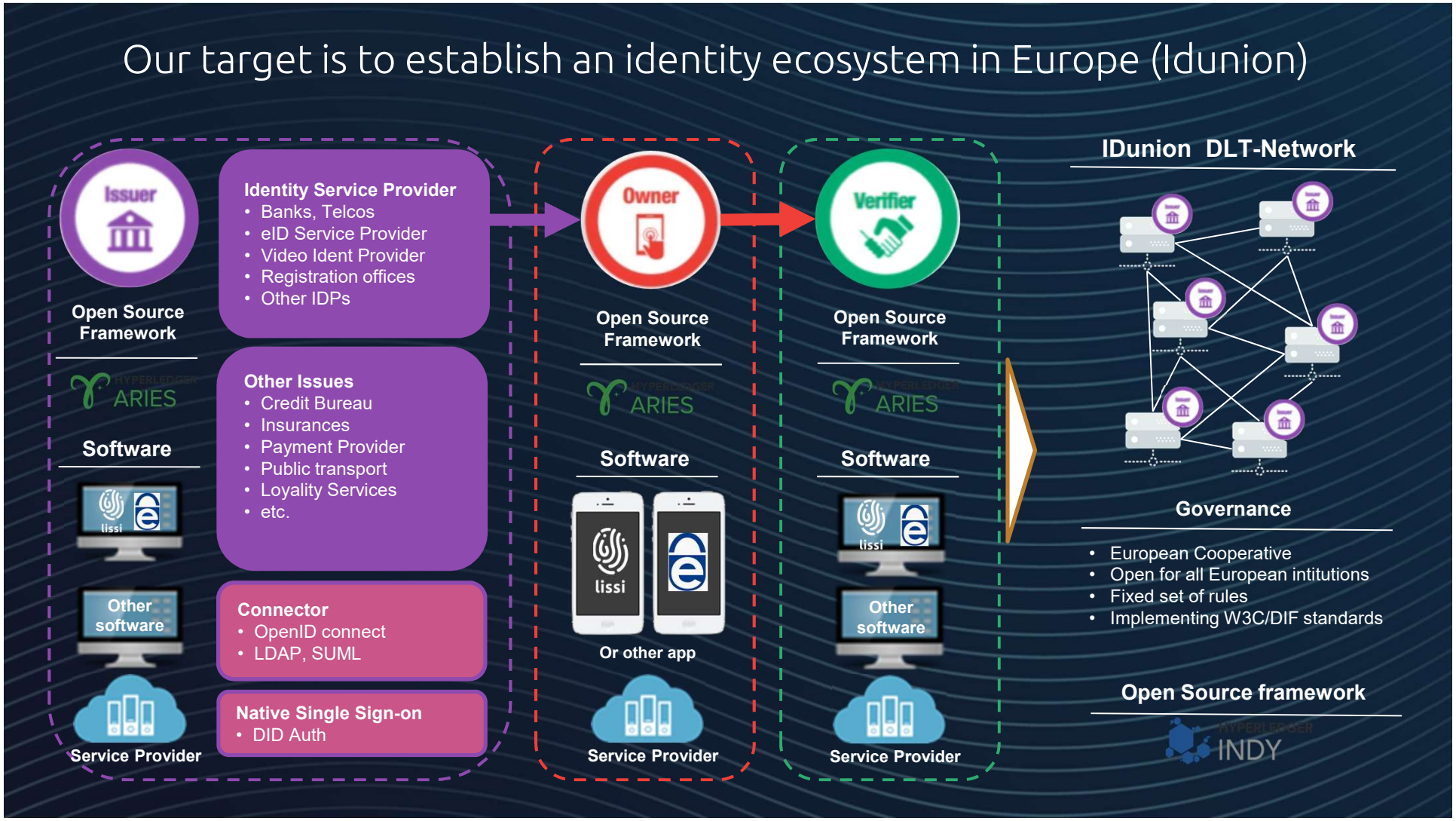
Consumer & Retail, Media, Telco
- Single sign-on
- Smart checkout in eCommerce
- Proof of age
- Loyalty and bonus cards
- 2-Factor-Authentification
- Hotline Identification

eGovernment
- OZG (Onlinedienstezugangsgesetz)
- eID on Smartphone
- Public proofs
- Pulic records
- 2-Factor-Authentification

Banks & Insurances, Retail
- Single Sign-on
- KYC data sharing
- Electronic signatures/seales
- Credit worthiness certificates
- 2-Factor-Authentification

Industrials, Infrastructure, Utilities
- Employee identity card
- Smart access / entry into buildings or events
- Smart hotel bookings
- Digital twins/IOT identities
- Supplier onboarding and master data management

Our target is to establish an identity ecosystem in Europe (Idunion)



Lissi identity management software

Lissi identity management software consists of two software components „Lissi Institutional Agent“ and „Lissi Mobile Wallet“ ready to start with your first use case.

Lissi Institutional Agent

Lissi Mobile Wallet

Test the Lissi Mobile Wallet

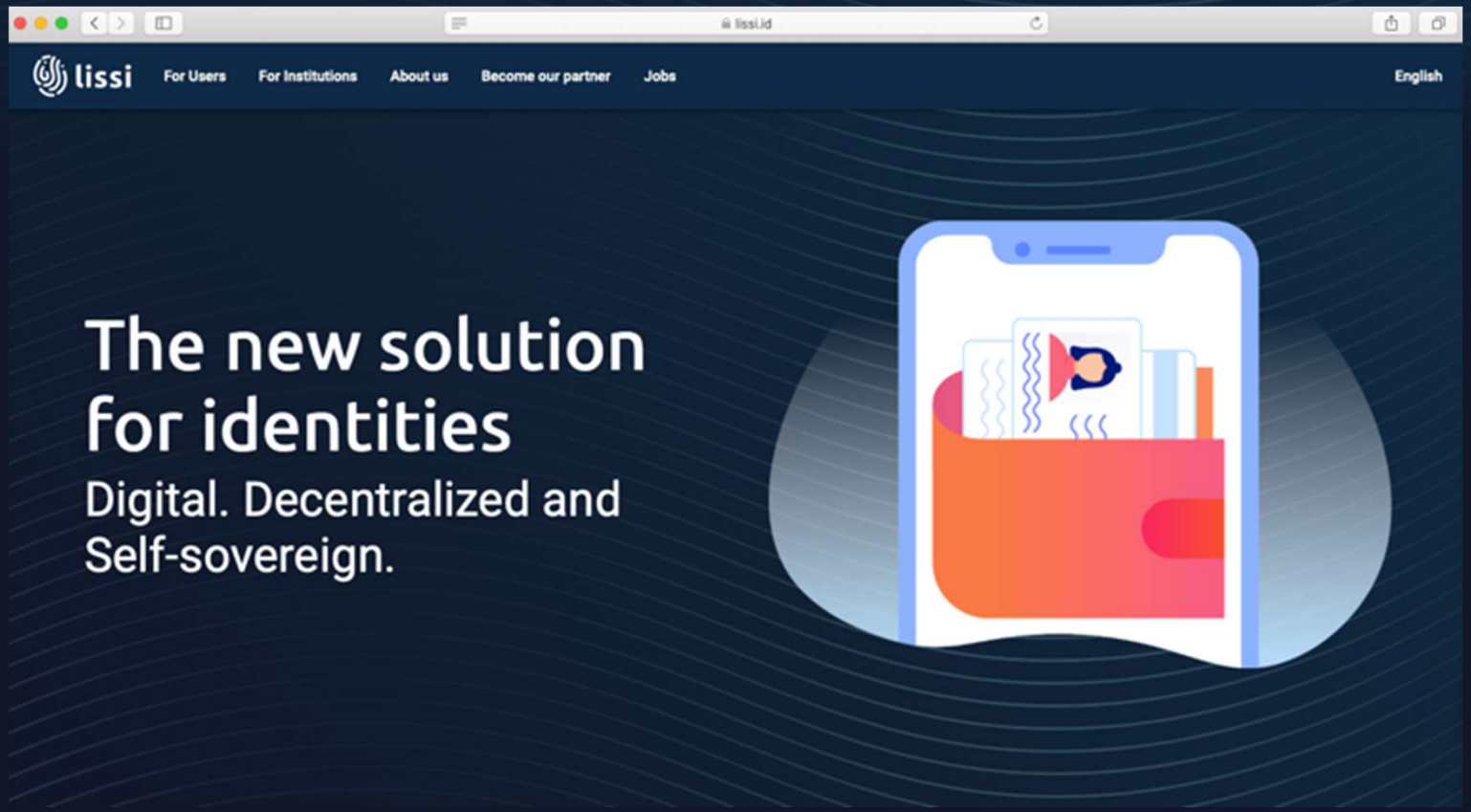
Get the app: All identity data stored in the place of the consumer's choice.

Demo: Test the app via our OpenID integration. (Adjust Ledger to Sovrin StaggingNet)

Laden im App Store

JETZT BEI Google Play

Our website: www.lissi.id



Further questions?

We would love to cooperate!

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