



EUDI Wallet

Germany

Dr. Torsten Lodderstedt | SPRIND – Federal Agency for Breakthrough Innovation
Split, September 24 2025



Federal Ministry
for Digitalization and
Government Modernization

SPRIND

The Team



EUDI Wallet: Different Perspectives

Regulatory Obligation

Mandated by **EU regulations** for publishing verified digital credentials, ensuring **trusted and standardized** digital interactions.

Rigorous Certification

Ensures **high security, data protection, and interoperability, building trust** and preventing fragmentation.



Cornerstone for Digitalization

Empowers citizens with **data control, streamlines access to services, and fosters innovation** for a digital society.

Our Goal and Strategic Prerequisites

Overall mission: Build an EUDI Wallet that is embraced by society because of its positive impact on the digitalization of German society.

As prerequisites we need to know

- Needs
- Concerns
- Conditions & prerequisites

The path to the DE EUDI Wallet

1

Architecture & Consultation

- Sharing through screenshots as default today
- **"over-identification"** concerns in civil society
- **High Security & Privacy Requirements**
- **Adoption**
- **Interoperability**

2

Blueprint

- Based on ARF
- **Ecosystem Architecture and Governance**
- Cloud HSM Architecture
- Digital Sovereignty



3

Funke

- **Evaluation through Prototypes:** e.g. PID, EAAs, QES, Pseudonyms, Batch processing, and Zero-Knowledge Proofs
- **Tests:** LSPs and beyond, evolve and refine blueprint, enhance German contributions to the ARF

Funke-Konferenz
14.10 (Berlin)



funke-eudi@sprind.org

Standards Development

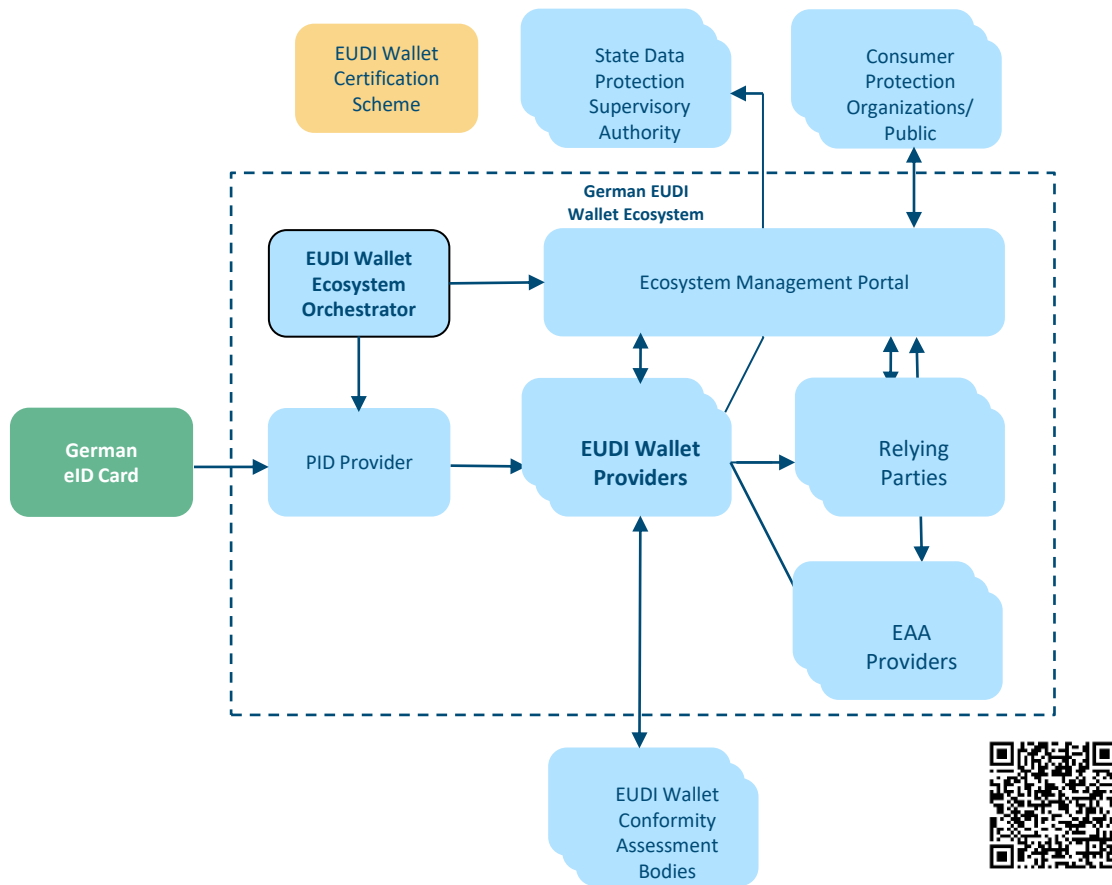
Project members contribute to several SDOs, e.g. OpenID Foundation, IETF, ETSi, ISO, CEN, W3C, CSC

Development state provided EUDI Wallet

Development EUDI Wallet Ecosystem

The German EUDI Wallet Ecosystem

- **Government-provided wallet and alternative wallets:**
Citizens can choose between certified state-issued wallet and alternative wallets.
- **Ecosystem managed by orchestrator:**
An orchestrator coordinates all stakeholders and services within the German EUDI Wallet ecosystem.
- **Self-service onboarding to EUDI Wallet ecosystem through Ecosystem Management Portal:**
Relying parties (RPs) and EAA Providers register via a single portal.



German EUDI Wallet Certification Scheme

What is DIF-AG?

“Deutsche Industrie Forum Arbeitsgruppe” (German Industry Forum Working Group) – a working group founded by the BSI, bringing together industry, authorities, and research to coordinate development of Germany’s eID infrastructure.

Acts as a platform for exchange:

Coordinating working groups and workshops, now also involved in integrating private sector components for the EUDI Wallet.

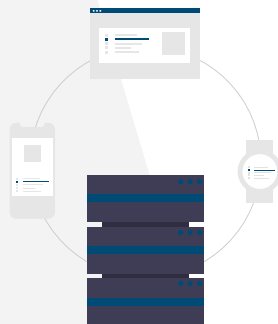
Contact to the DIF-eID working group:
dif-eid@bsi.bund.de

TR-03189: Technical Guideline

BSI's TR-01389 plays a central role. It is currently being drafted.

It's a binding specification published by BSI defining technical, procedural, and security requirements for the EUDI Wallet.

Helps ensure that national implementations are aligned with eIDAS 2.0, while still allowing for national specifics.



Incremental rollout Strategy

- Bring Value to the Society as quickly as possible
- Ensure there are use cases from Day 1
- Inspect and Adapt

Features

PID

EAA

QES

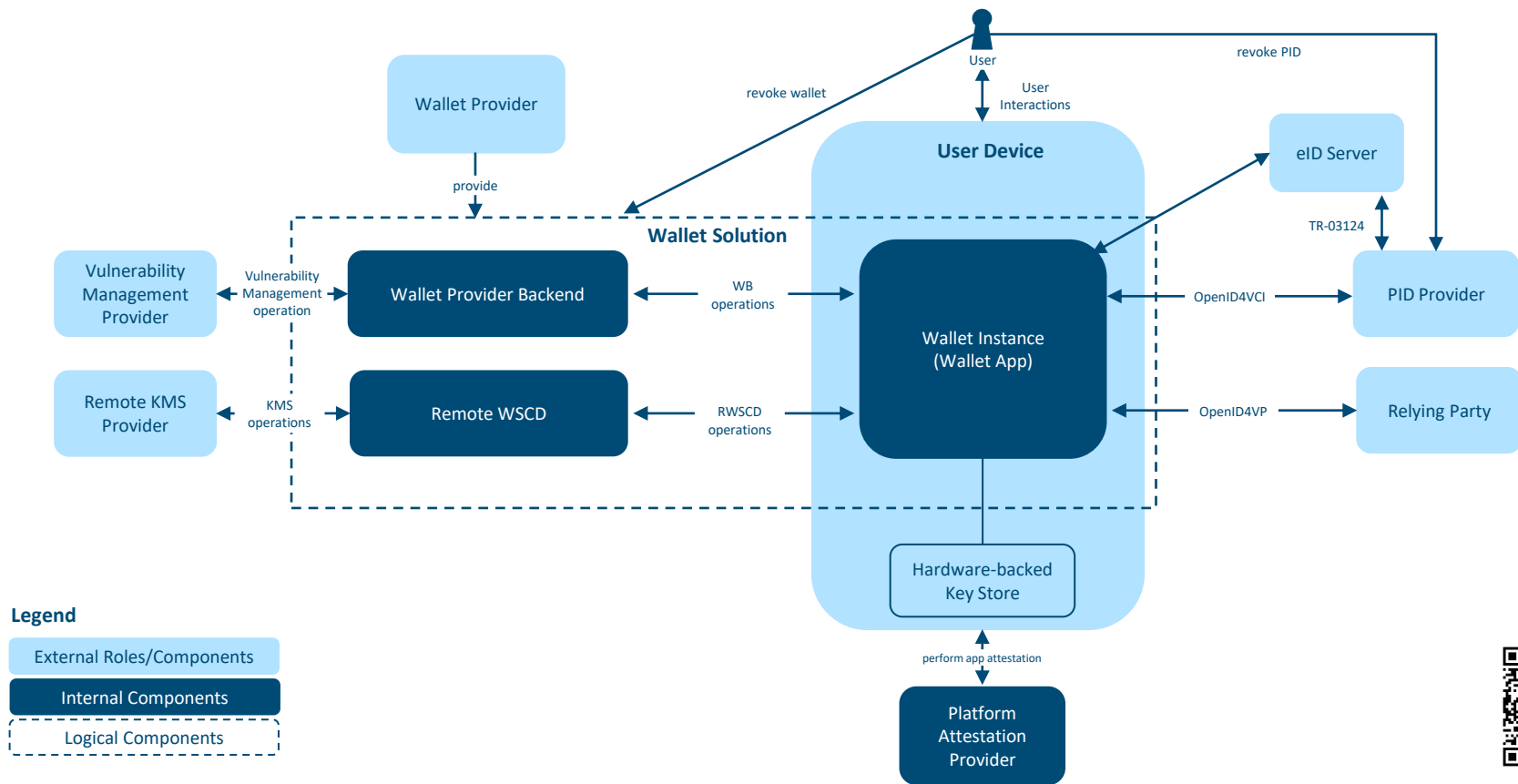
Pseudonymous login

Payment Authorization

RPs, EAA
Providers
(Use Cases)

Onboarding and go to production

Architecture of the German National EUDI Wallet



Let's have a look – Demo

Thank you for your attention!

Contact:

Dr. Torsten Lodderstedt
SPRIND – Federal Agency for
Breakthrough Innovation

E-Mail:

Torsten.Lodderstedt@eudi.sprind.org

Questions & Answers