

Reverse Google:

From email to decentralization



Georg Greve
Co-Founder & CEO

georg.greve@vereign.com

<https://floss.social/@greve>

<https://www.linkedin.com/in/georggreve/>

vereign

Dammstrasse 16 | 6300 Zug | Switzerland

contact@vereign.com

+41 41 541 50 63



Gmail

**Capture
Identity**



**Monetise
Surveillance**



Enabling Platform & Surveillance Industry since 2008

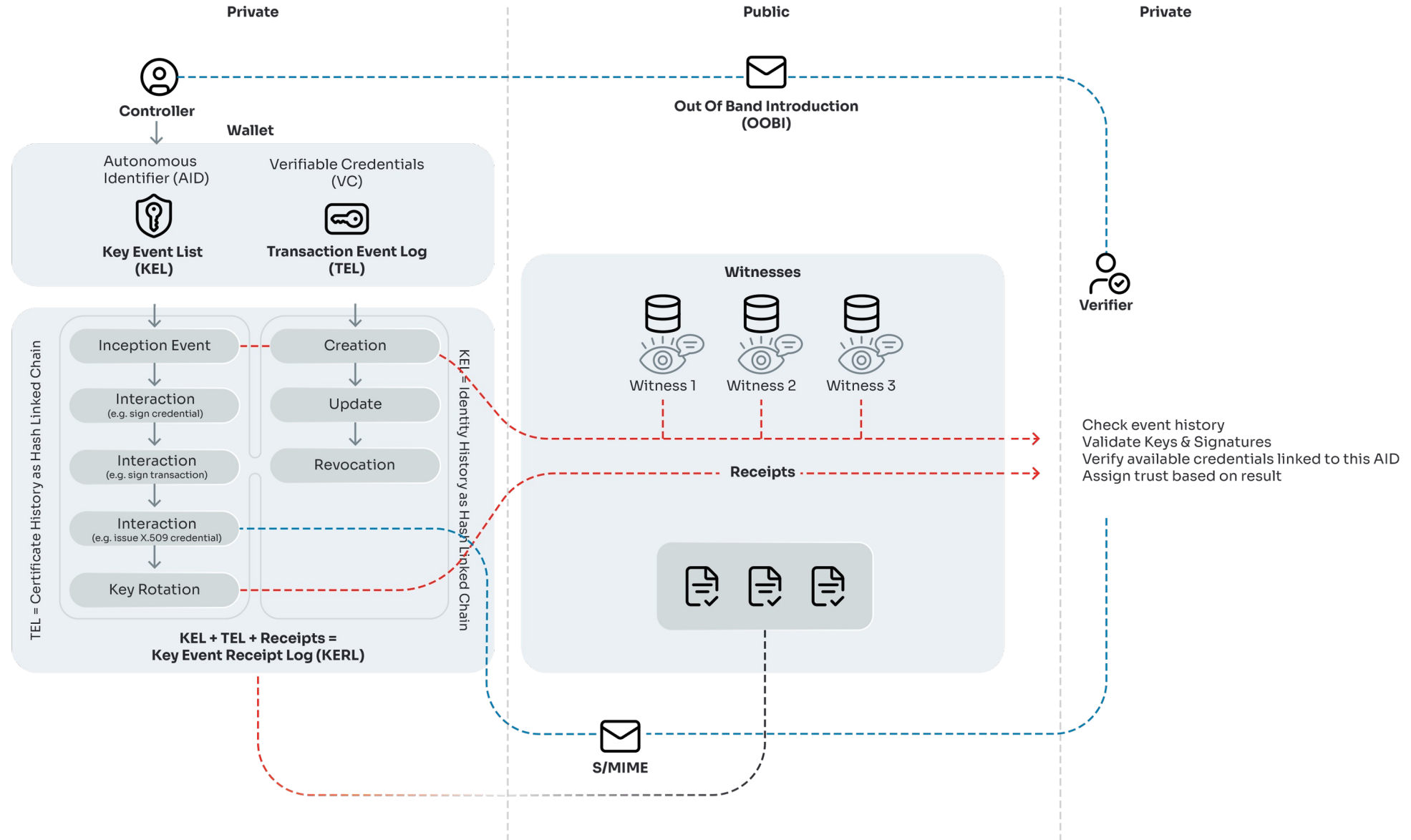


We started Vereign in search of better answers...



Certificate Authority at the Edge

(courtesy of DKMS, KERI, OCA, SSI)



Swiss Healthcare

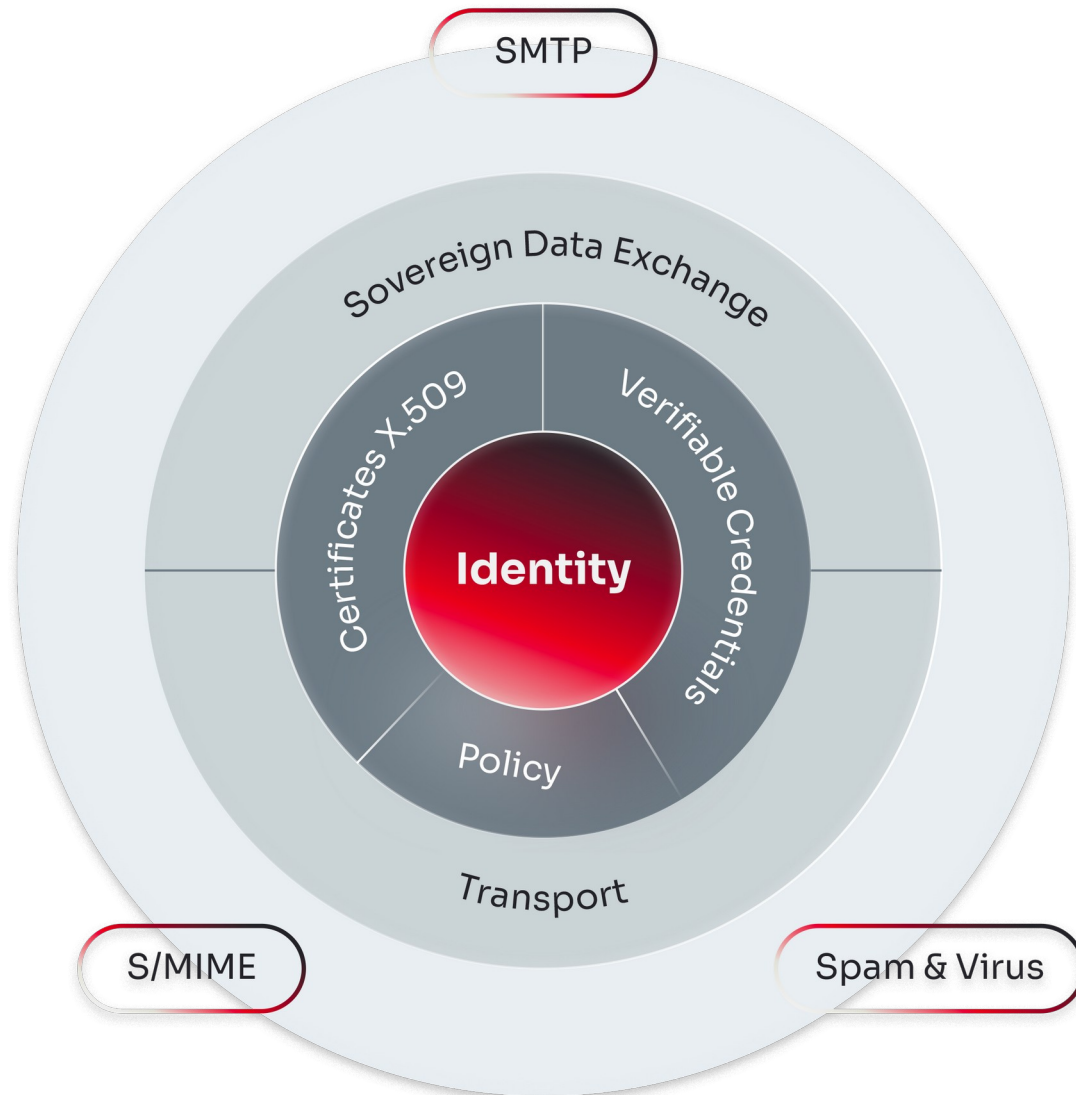
Health Info Net

- Founded 1996 by doctors, for doctors
- Mission, not profit, driven
- Started out with email security
- ~900 S/MIME Gateways
- HIN Client in over 30,000 GP offices
- Cultural & technical transformation
- Partner since 2024
- SEAL in production
 - > 800,000 messages / month



What is the vision of Stargate?

- Mail enabled Mesh Node
- Self Sovereign Identity & Decentralized Key Management
- Programmable Policy
- Next generation Transport layer



«The nervous system for the future of the health data exchange and communication.»

What is the next step?

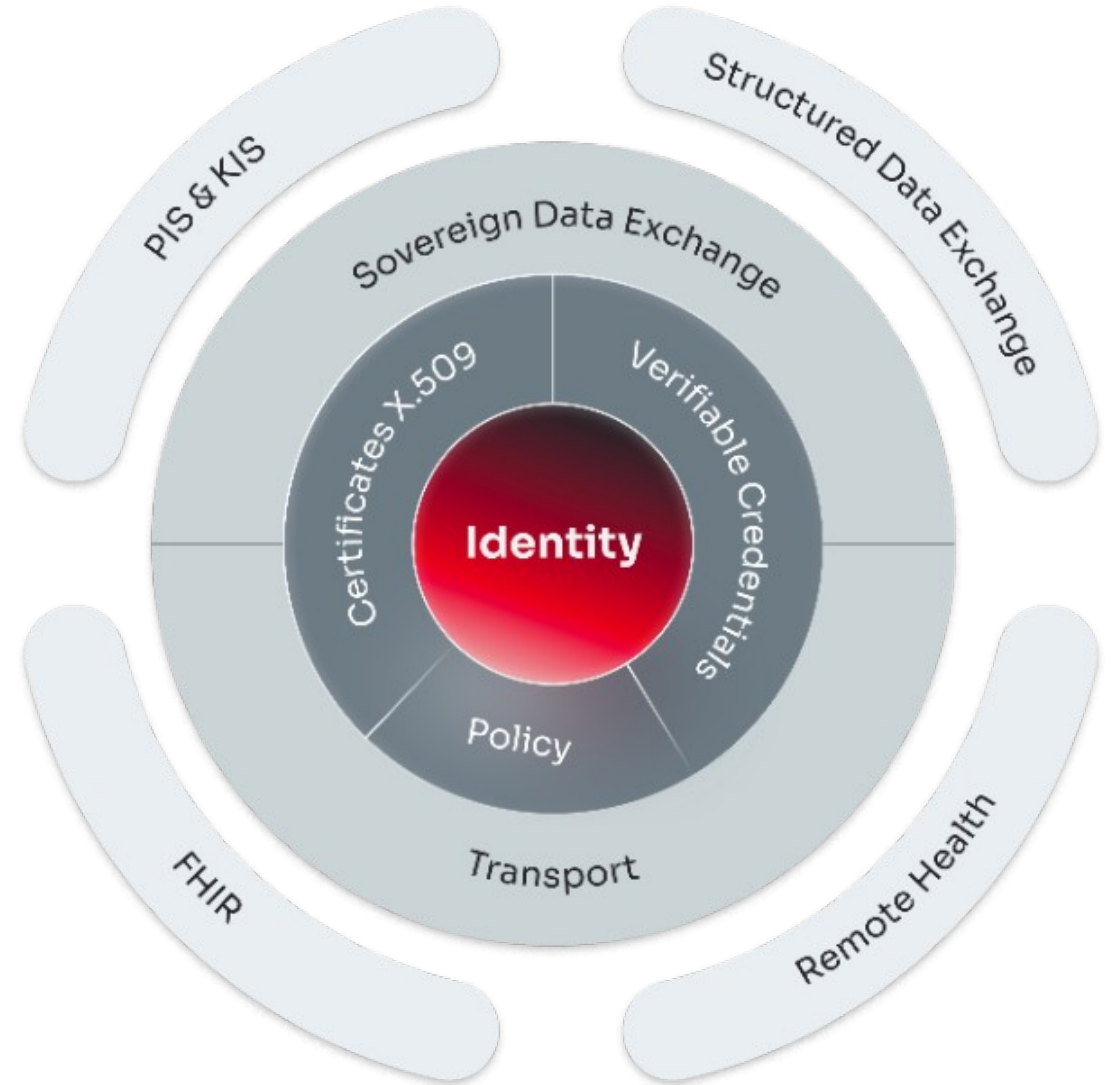
Health Information

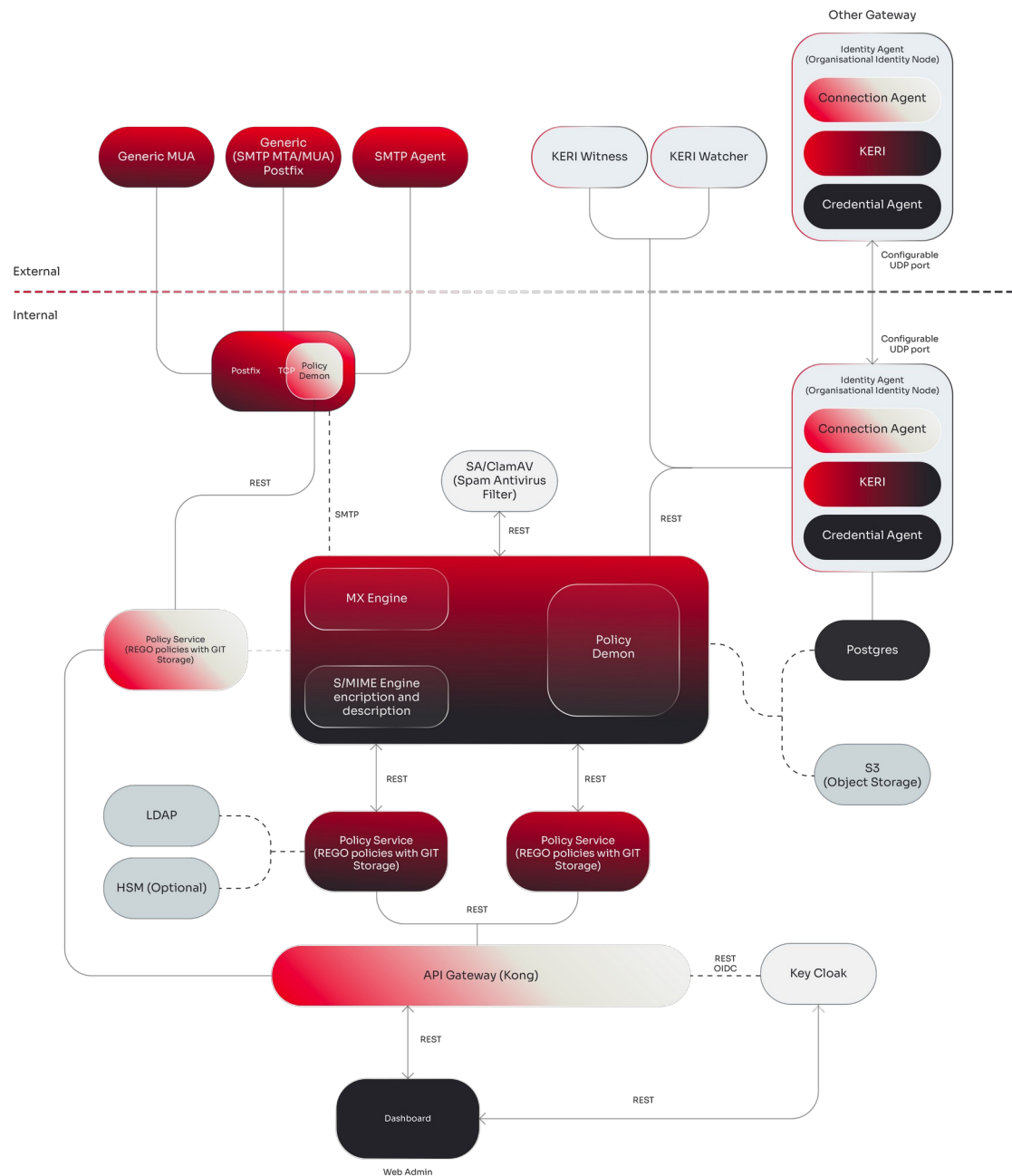
- Structured & Decentralized Data

Security

- No more metadata leakage
- Post Quantum ready
- Authenticity at the edge
- Signed & Auditable

«The senses and muscles for a modern health data space.»





How does it work?

Microservice Architecture

- Based on Gaia-X & EHDS Learnings
- RESTful APIs
- Cloud / container native
- Proven components, where available
- Free Software / Open Source (AGPLv3+)
- Languages: Golang, Rust, REACT Native

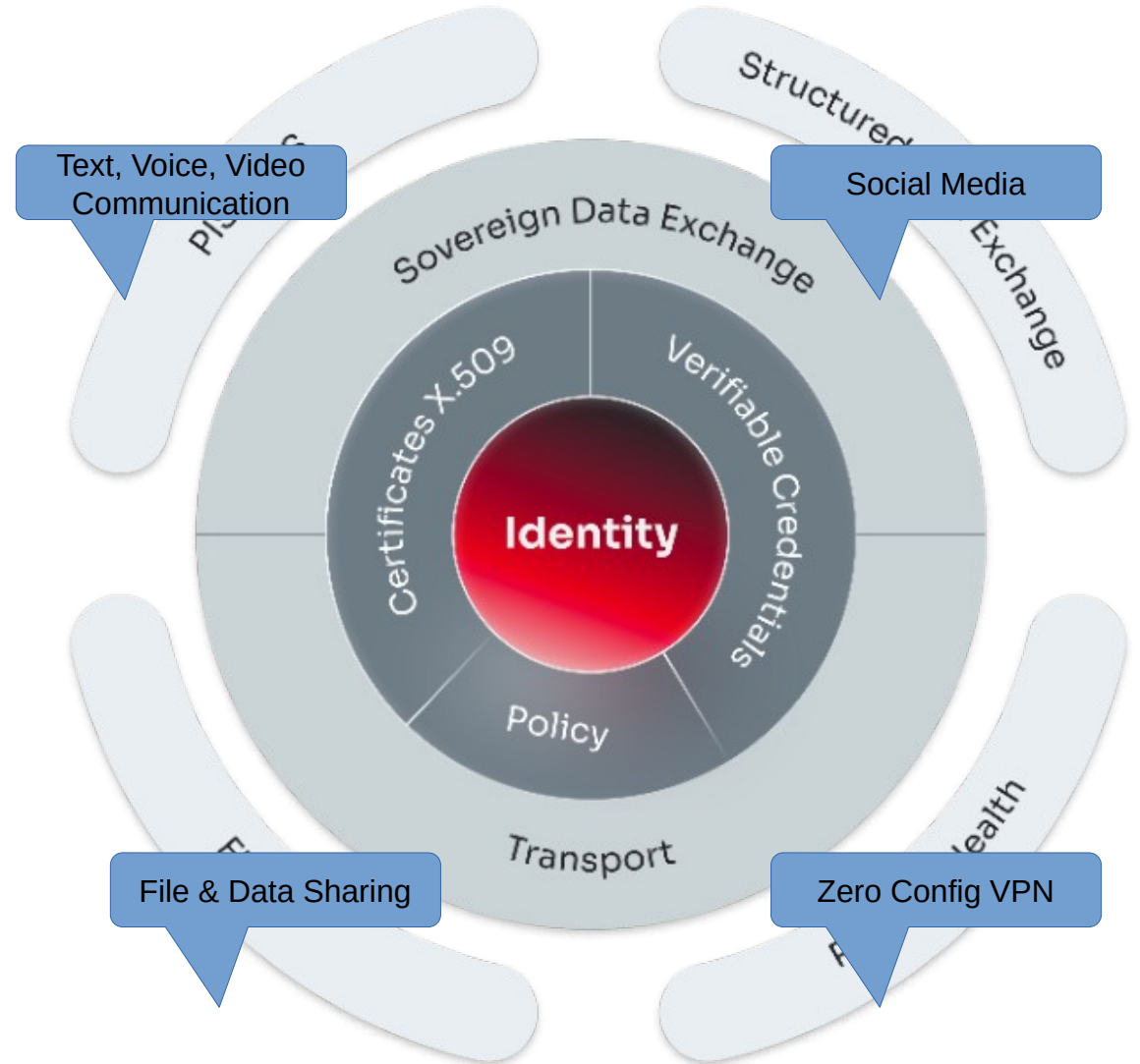
«Built on principles for robustness, resilience and long-term extensibility and support.»

What could it become?

Integrating key technologies

- Zero Config Wireguard P2P Mesh
 - Connect to anyone, verify what you must
 - Create authentic, verified channels
- Connect applications, including
 - Communication
 - Social media
 - File & data sharing

«A generic infrastructure for a decentralized, authentic and self-verifying network.»



Health Innovation
Centre

Vereign



Community

Opportunities for Collaboration

- Finalize infrastructure
- Connect applications
- Standardize interfaces
- Support adoption
- Keep advancing DKMS, OCA & Co

«Creating our own economies of scale for the Sovereign Technology Community.»

THANK YOU

Georg Greve

georg.greve@vereign.com

