Gemalto Trust ID Network

## Decentralized ID Management

What is it?

The Trust ID Network is a decentralized digital ID platform based on Blockchain allowing service providers to simplify customer identity management and streamline the due diligence process while enabling end users to be in total control of their identity.

Self-Sovereign Identity for better customer privacy

Today identities are managed in silos; end users multiply local accounts with websites and service providers and accumulate unsafe logins/passwords. Not only is this identity management model highly inconvenient in terms of user experience but it also jeopardizes customer's data privacy and security.

The Trust ID Network relies on the concept of Self Sovereign Identity which completely revolutionizes this model. The Trust ID Network entitles end users to full ownership of their identity and total control over who can have access to their personal information.


Identity Layer
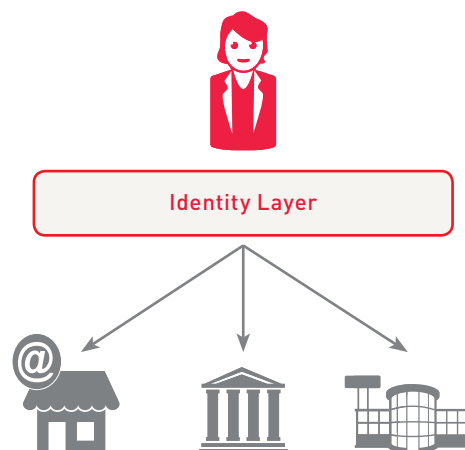
How does it work?

The Trust ID Network is a secure distributed network daployed on Blockchain where banks and other service providers can record and have access to certified ID attestations about their customers.

No sensitive information is stored on the Blockchain. Members of the network decide what information can be shared on the ledger and what data is confidential and should stay between the hands of the customers.

In order to record or have access to ID attestations, service providers need to obtain end users' consent. Thanks to the Identity Wallet, customers can manage what personal information is recorded and certified, and see what they are sharing with each service provider. The Identity Wallet is the interface that allows end users to control everything about their identity.
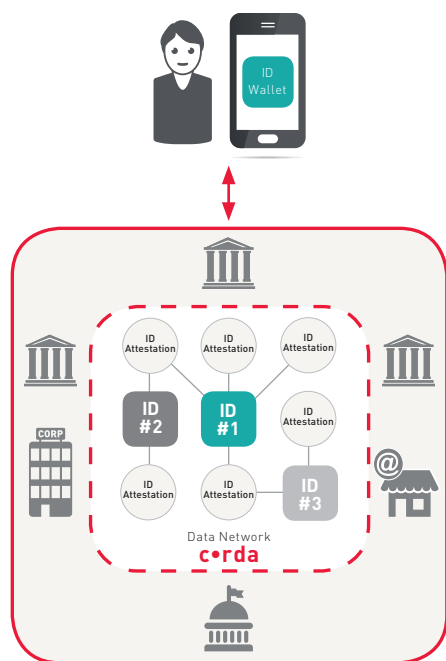
Use cases

The Trust ID Network can be used as the foundation of a digital identity system, leveraging multiple ID verification sources and meeting data privacy compliance requirements. Whether it is to support a national identity program, a consortium of banks joining their KYC efforts, or a large financial institution willing to optimize internal due diligence processes, the Trust ID Network is the ideal solution.

KYC Mutualization
- **>** Secure access to verified and up-to-date IDs
- **>** Full data traceability for simpler auditability

Customer Identity Management
- **>** Secure storage and management of ID attributes
- **>** Seamless user consent management

Risk Management
- **>** Extensive web of customer ID attributes
- **>** Enhanced security for transactions like wire transfers

Benefits

With the Trust ID Network, banks can:
- **>** Streamline the onboarding process of new customers and due diligence of existing ones
- **>** Have access to up to date, accurate, and reliable data about their customers
- **>** Provide a convenient and secure Identity Management service to their customers
- **>** Limit risk of ID theft and fraud

The Trust ID Network allows banks to meet key GDPR regulation and privacy requirements while tapping into new revenue sources and taking on a highly competitive role in Identity Management.

Features

- **>** Comprehensive Blockchain app including smart contracts, data model and storage mechanism
- **>** Deployed on financial-grade distributed ledger Corda
- **>** End-to-end data encryption
- **>** Zero-knowledge proof for data minimization
- **>** UX-optimized identity wallet with biometric strong authentication and ID document verification
- **>** Unique patented risk management capability

Experts in digital identity security

At Gemalto, we work with some of the world's biggest businesses and governments, providing innovative identity management solutions that help them meet the need for greater security and convenience. Digital identity stands at the core of our expertise, as we help hundreds of our partners across multiple industries implement advanced authentication, ID verification, and security solutions.

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