

A woman with blonde hair, wearing a teal patterned button-down shirt and a necklace, is looking down at a smartphone she is holding in her hands. The background is blurred, showing an outdoor setting with a white fence and some greenery.

Flndy – A MyData Network for Individuals, Businesses and Things

For Providing Trust, Verifying Data and Managing
Interactions in the New Digital Economy

Internet was not built for trusted interactions in mind

People and organisations cannot easily verify integrity and validity of information exchanged online



People are forced to use poor verification methods and still assume excessive risks due to lack of verifiable information



Organisations need to build and maintain complex systems & expensive integrations for managing lack of trust and security

Distributed Ledger Technologies have Created a new Distributed Way for Sharing Information as well as Building Trust

Today

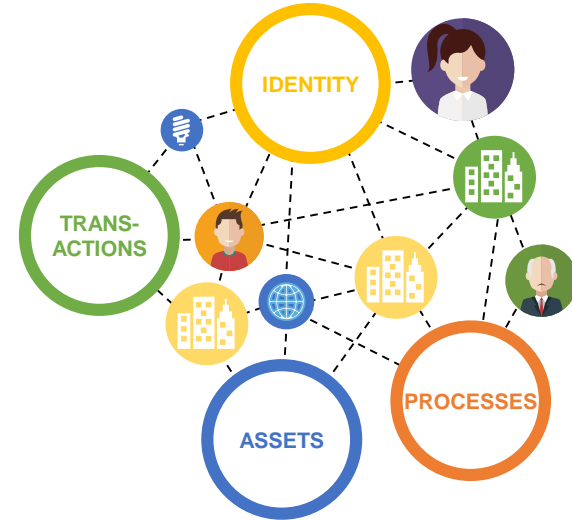
(centralised registries and trust)



Trust is mediated by organisation-centric platforms. Information is accessible through centralised registries.

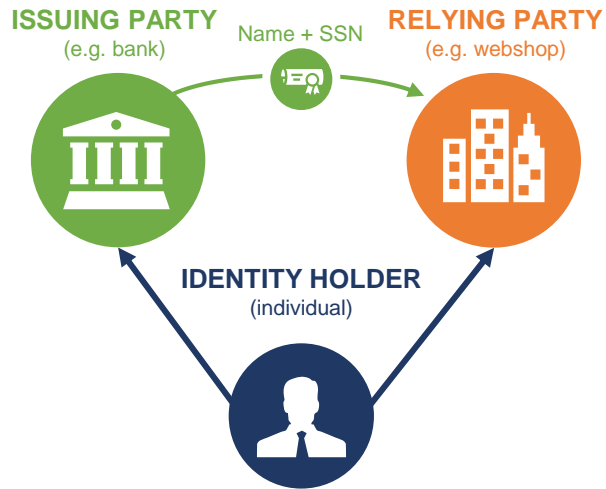
Tomorrow

(distributed business networks)

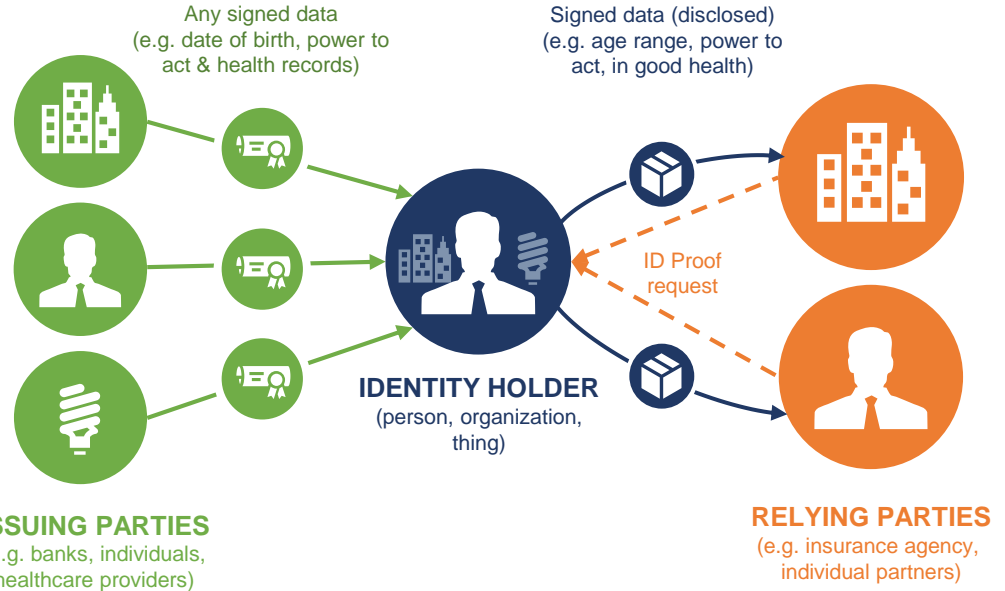


Trust is based on trust networks, common network rules and cryptographically verifiable information shared within the network.

From Centralized Identity Services to Sharing any Verifiable Data in a Decentralised Trust Network



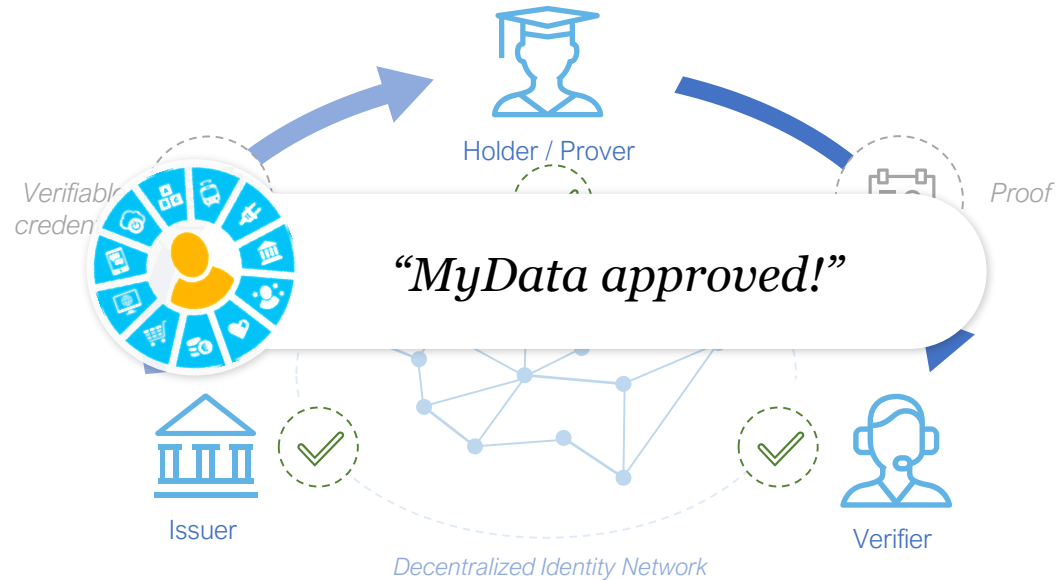
Until now, digital identity has equaled to personal number, provided by a strong authenticator (e.g. TUPAS, BankID).



With self-sovereign identity, the Relying Party can decide, what they accept as proof of identity and need as credentials from the Identity Holder.

The Identity Holder can also decide, which issuing parties they want to use to prove their identity and claims

Self-sovereign identity is a new approach to identity, providing an interoperable, and scalable identity infrastructure



Verifiable Data Exchange using identity networks is the next step in the evolution of personal data



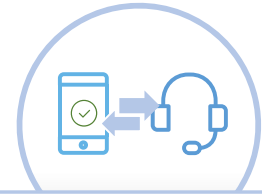
Paper

- ⊗ Paper form
- ⊗ Manual verification



Digitisation

- ✓ Digital form
- ⊗ Manual input
- ⊗ Manual Verification



Verifiable data exchange

- ✓ Digital form
- ✓ Credential-based input
- ✓ Automatic Digital Verification

Sample use cases



Education

Student card
Study records



Retail

Age and address verification
Loyalty card
Reseller permits
Proof of purchase



Finance & insurance

Know your customer
Mandates / Power of attorney
Proof of insurance



Professional credentials

Doctors, Electricians, etc
Representation rights
CV + proof of employment



Permits and licences

Driving licence
Ticketing
Library card



Health and wellness

Consenting
Proof of disability
Proof of prescription

Verified data provides benefits for all parties

For customers



Reduced processing times

Deliver required data fully digitally and verifiably for faster processing.

Increased trust in organization

Secure and private communication channel with organization's service channels increase trust.

Better customer experience

Fast, personal and private digital services amount to better experience



For organizations

Lowered costs

Less manual processing, more autonomy and trust

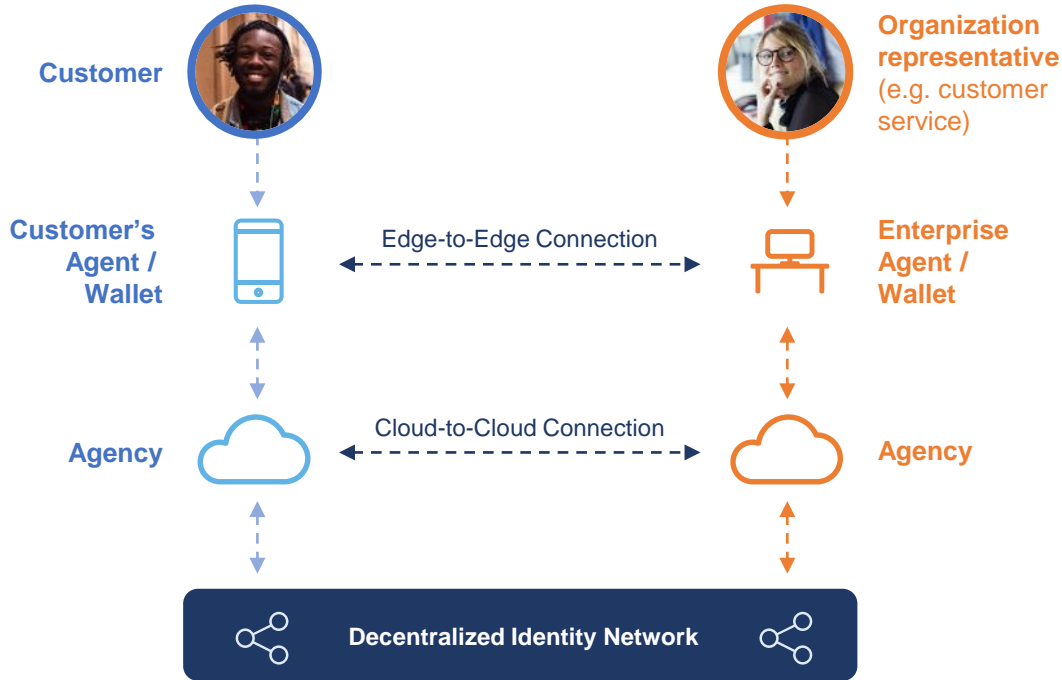
Increased efficiency

Use information already available, and verify their validity for higher efficiency and trust

Increased trust

Verifiability of the shared information increases trust and speeds up the process

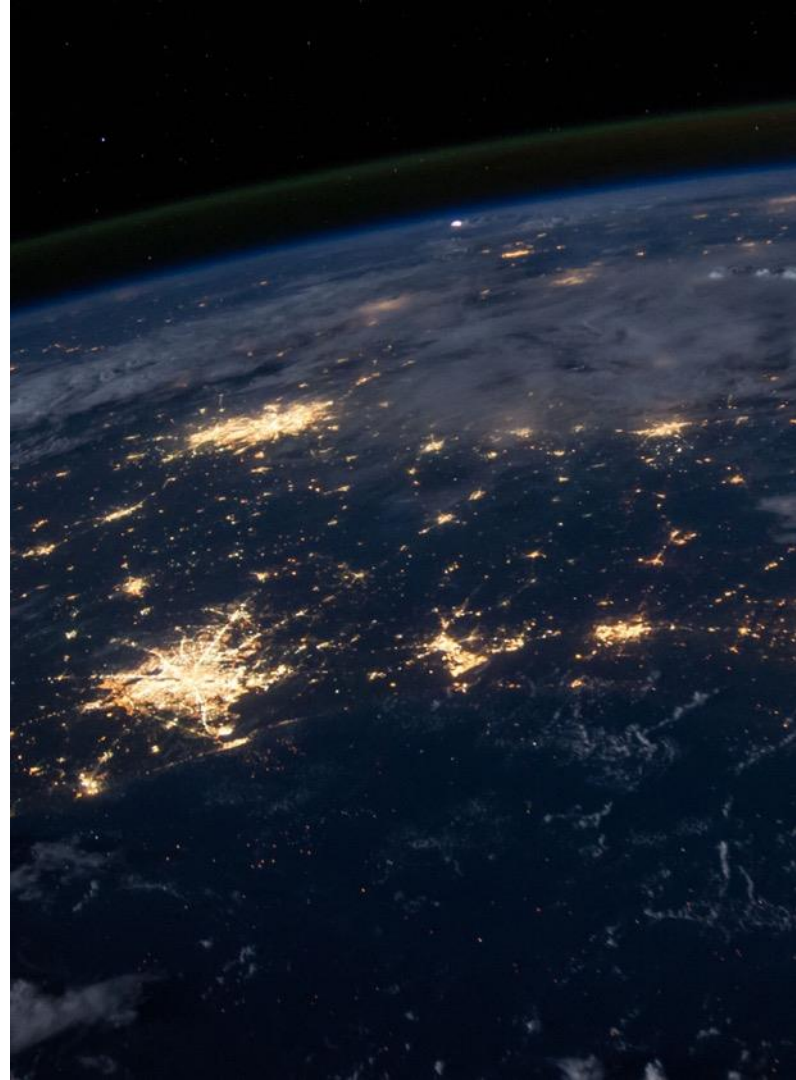
This is Findy



- **A self-sovereign identity network** for individuals, organisations and things
- **Governed and operated** by Finnish organisations
- **Supports development and testing** of next generation self-sovereign identity solutions
- **The consortium works together** to create the infrastructure and its governance rules
- **Long-term vision** is to serve as a ubiquitous national identity network.

Findy members

- Kela
- Nordea
- OP
- Asiakastieto
- Nixu
- Suomen Tilaaajavastuu
- Accenture
- Tieto



Deliverables 2019

- Formation of a legal entity - a cooperative
- Recruit new members
- Draft network rulebook and governance model
- First proof of concepts and pilots
- Open source components (e.g. mobile wallet)
- Developer support, technical and governance/policy level collaboration with SSI projects within EU and Globally



New distributed ecosystems will redefine how platforms operate



- Authentication tools
- Authentication attributes
- Cryptographic keys
- Link to identity wallet

- "Self-sovereign" principles
- Distributed IDs + Verifiable Credentials
- Credentials, permissions, consenting, etc.
- MyData management of Identity Owner
- **Individuals, organizations and things**

- Smart money
- Founding of a digital company
- Share trading network
- Consent & permissions
- Real-time taxation
- eReceipts

Please contact for more information and how to join



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