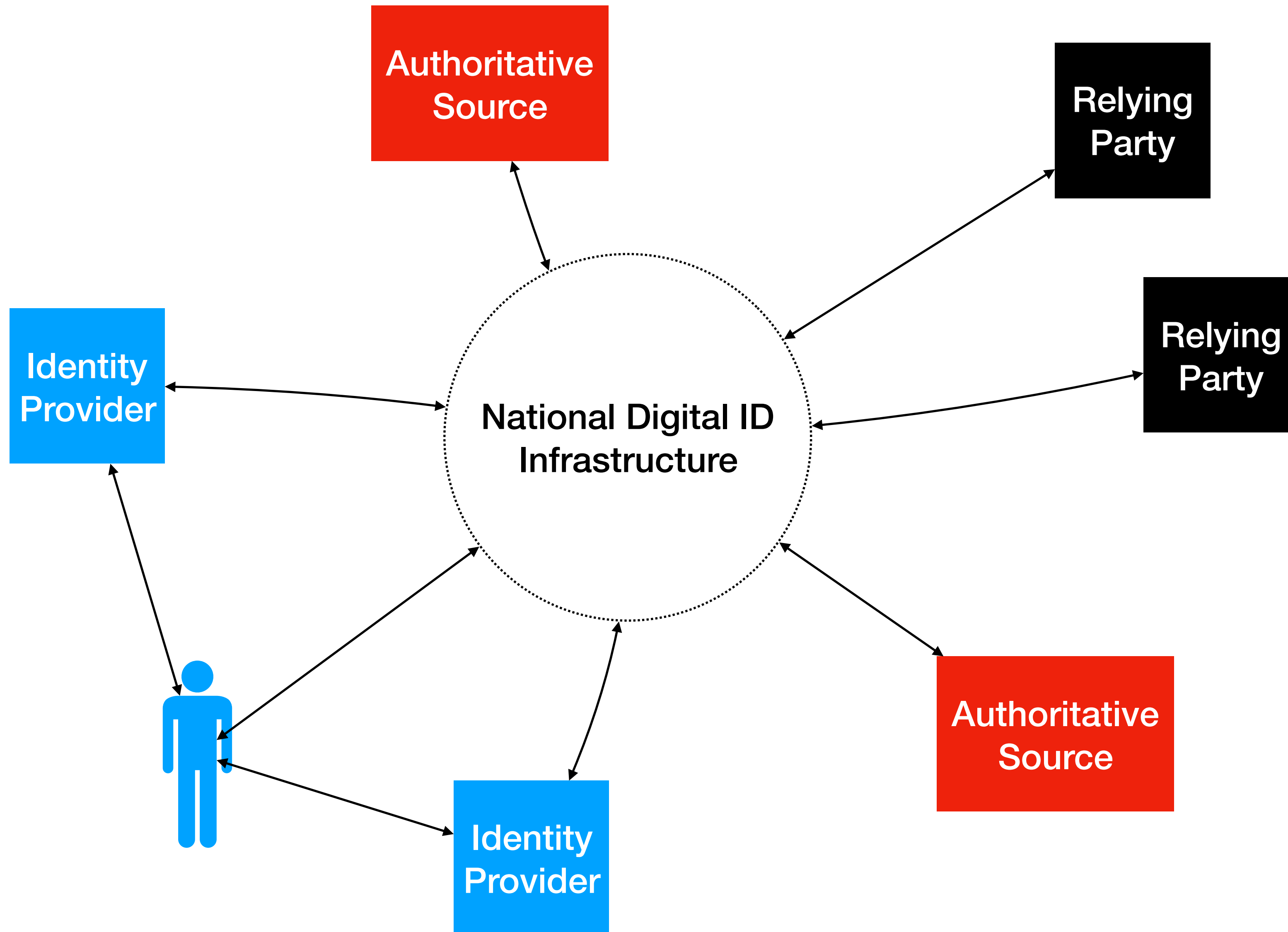


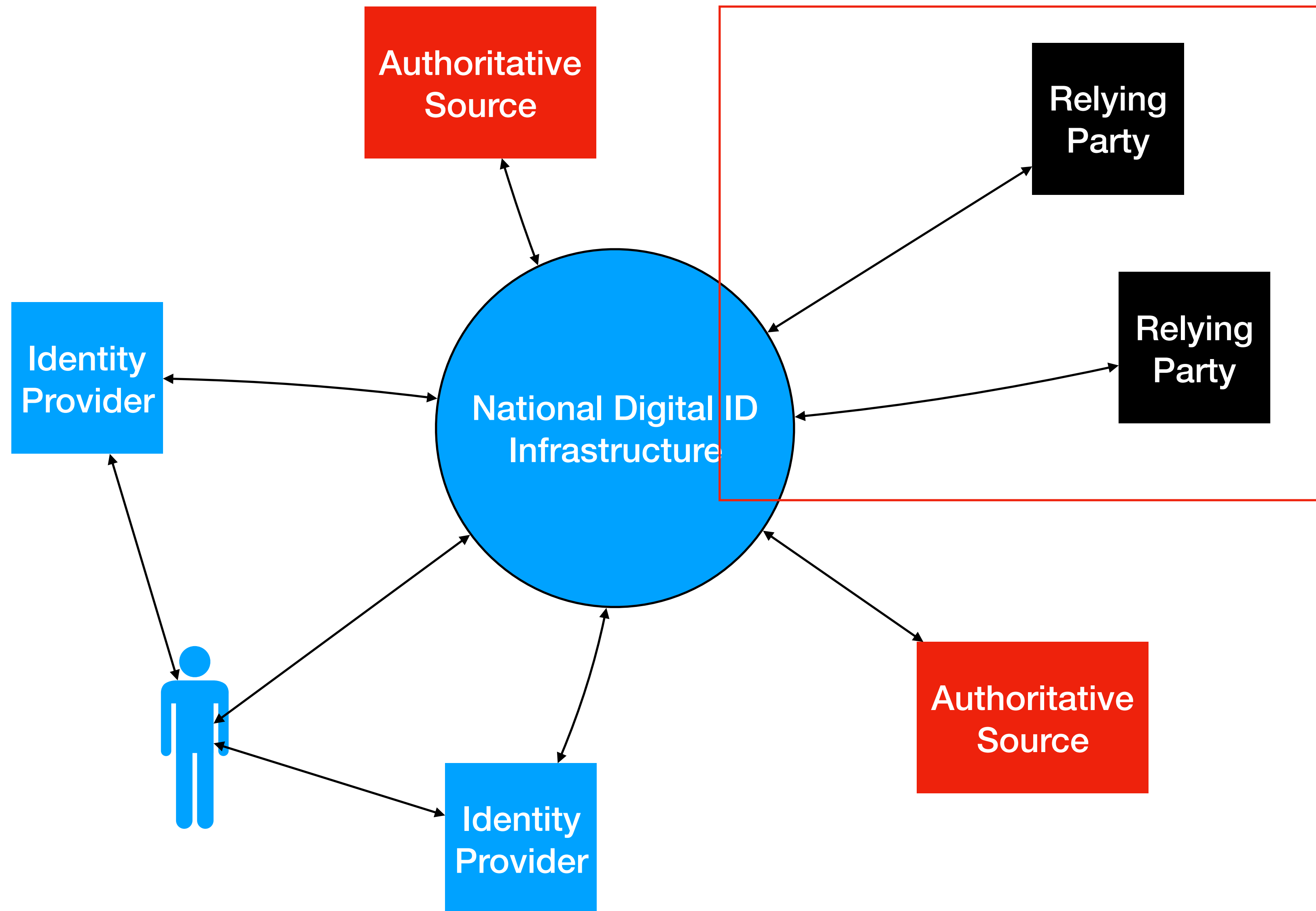
National Digital ID as an Infrastructure

A Look at Technology and Concept behind it

Infrastructure



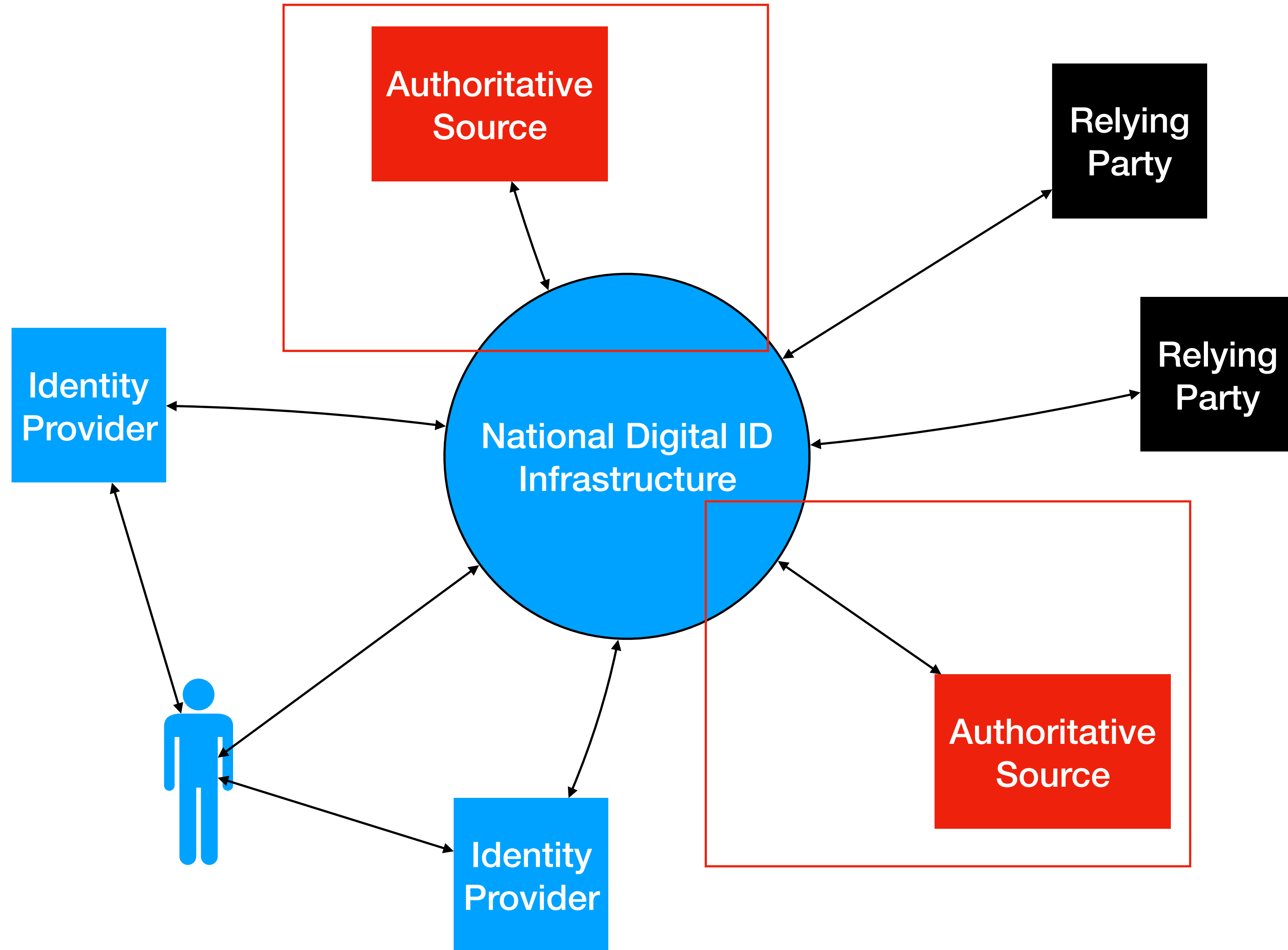
Infrastructure



RP is given access to service to connect with a person (to identify and authenticate)

The Platform will take care of finding and talking to the right party (IDP and AS) to retrieve necessary information for RP to use

Infrastructure



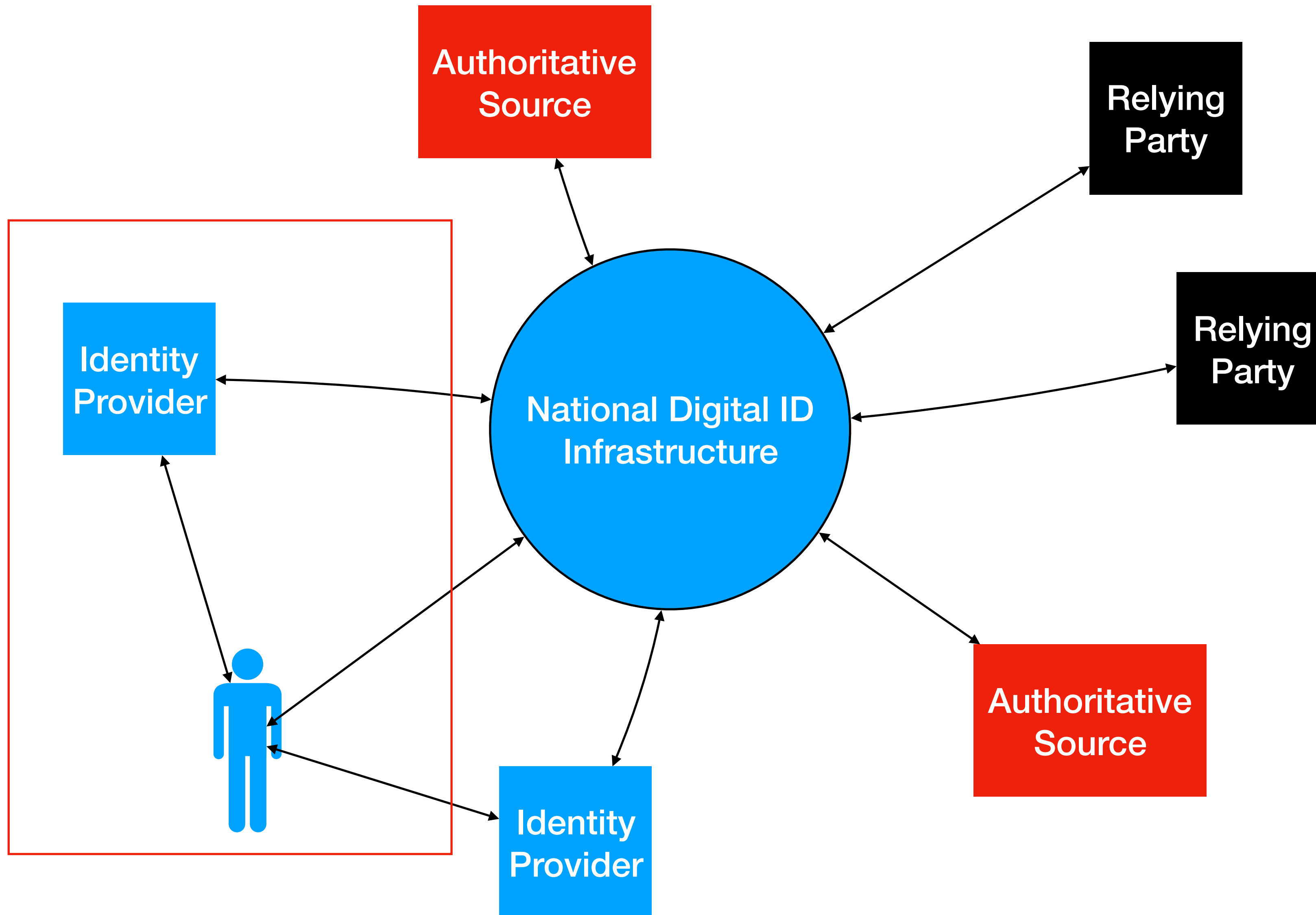
AS is able to confirm consent and request of the person to ensure legal compliance

The platform will handle transmission of permission and data securely

Infrastructure

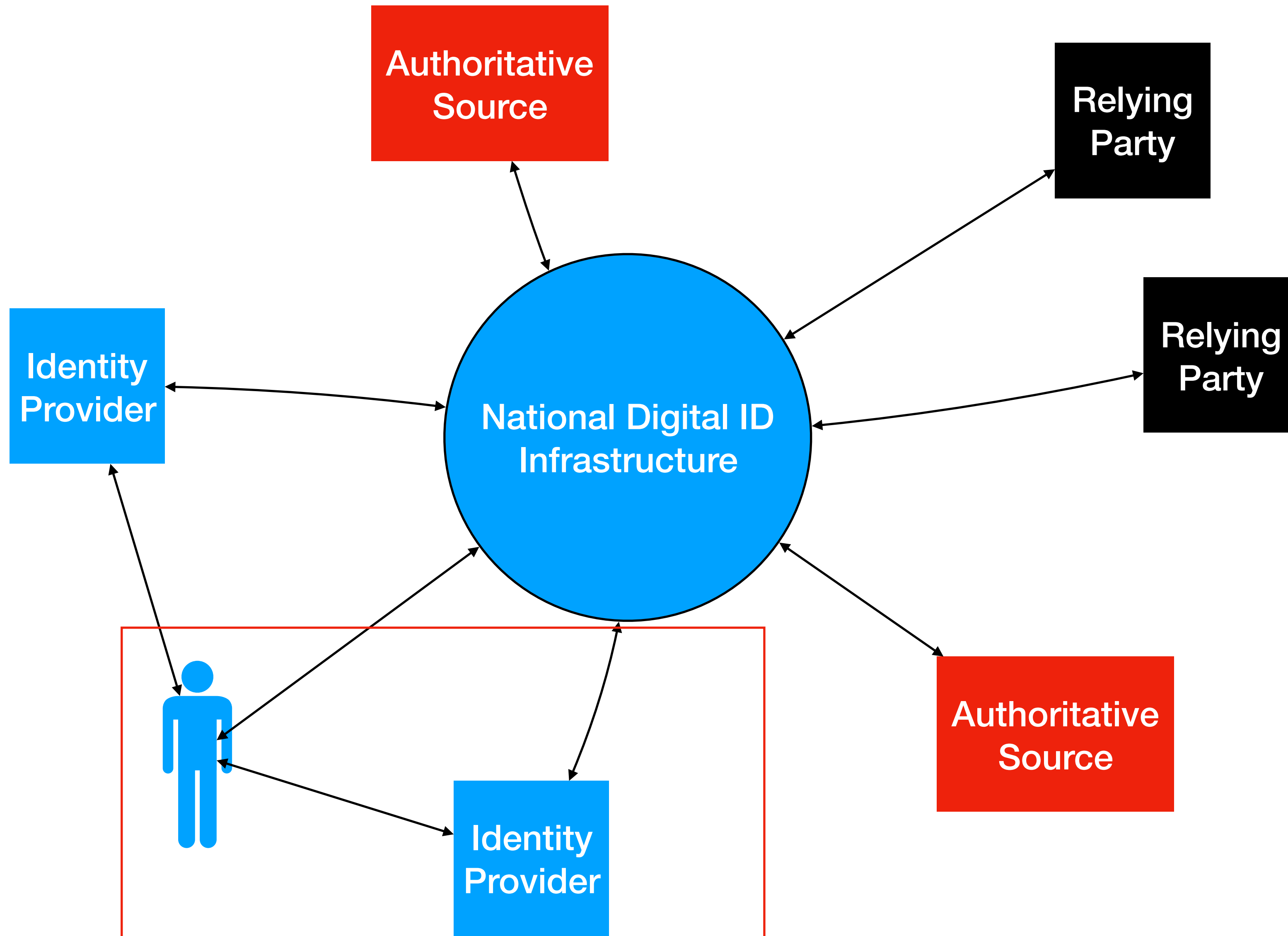
IDP provide service to the user

User access and grant permission and service via IDP



Infrastructure

User can have relationship with multiple IDPs and may separate his/her activities based on IDP for additional privacy



Key Concept

- Security
- Privacy
- Open Infrastructure
- Novel Digital ID Infrastructure

Security

- No single point of failure
- No single trusted authority
- Instead, we employ an **Ecosystem of Trust** network in a decentralized way
- Identity Retention Protection

Privacy

- **Consent** based at **heart**
- Transparent and Audit-able
- Anonymity Protection
 - Transactional Privacy

Open Infrastructure

- Not tied to any specific Identification or Authentication Technology
 - Technology is implemented by the relevant party: IDP
- Relying Party can **outsource** its Identification/Authentication operation to others in a **trustable** way

Novel Digital ID Concept

- Single ID is no longer sufficient
- Multiple ID for different uses
 - Contextual ID
 - Claim based ID
 - etc...

A Foundation for Digital Future

- Next step: Identity for
 - Juristic Person
 - Services
 - Devices
- All can be built on top and in addition to this infrastructure
 - Innovative Opportunity for future businesses especially in digital space

Example Benefit of Digital ID infrastructure

- e-Signature
- e-Document
- e-Consent
- e-Authentication
- All for free as part of the infrastructure