



vastuu group

Privacy, security and trust for digital living

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TRUST



Trust is more!

Business

Legal

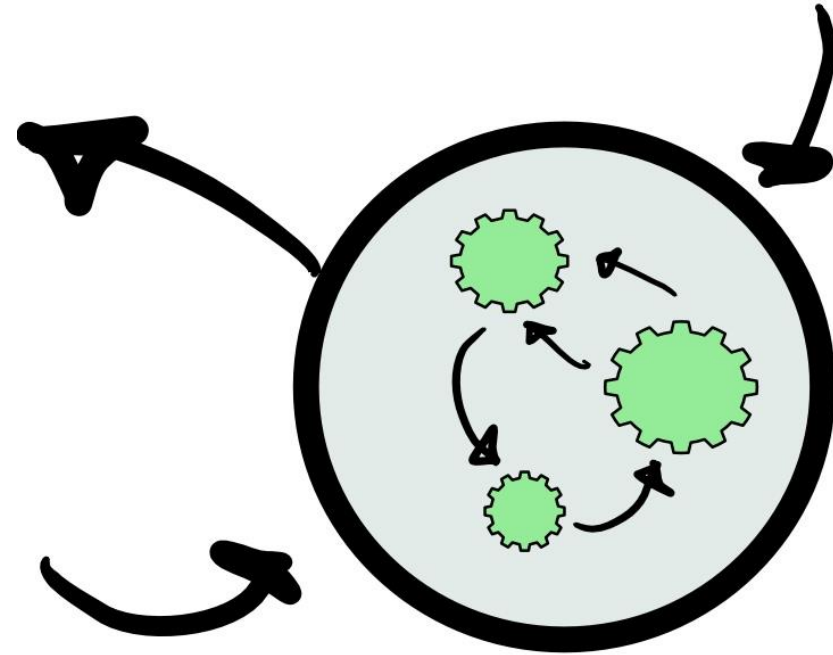
Tech

Ethical

Trust in the smart city context

-Human centric data flows inside the city and 3rd parties

- Cities have multiple units - a collection of private-public organizations
- Sharing the data between those organizational units is vital for smooth services
- MyData operator and consents gives the required legal and tech connectivity for better services



What GDPR offers for trust

-six legal bases of processing personal data

Consent

- Can be withdrawn by data subject at any time
- Cornerstone for MyData

Contract and legitimate interests of the controller

- Limited right to withdrawal
- For example contract of employment
- Deniable only by terminating the agreement / not signing the agreement
- Some rights to access the data may remain after termination

Legal obligation, public task and vital interests

- No withdrawal right
- Obligation for companies for labor safety regulation, etc.
- Government's right to collect and access personal data for compliance with a legal obligation
- Processing is necessary to protect someone's life



Separate permission services

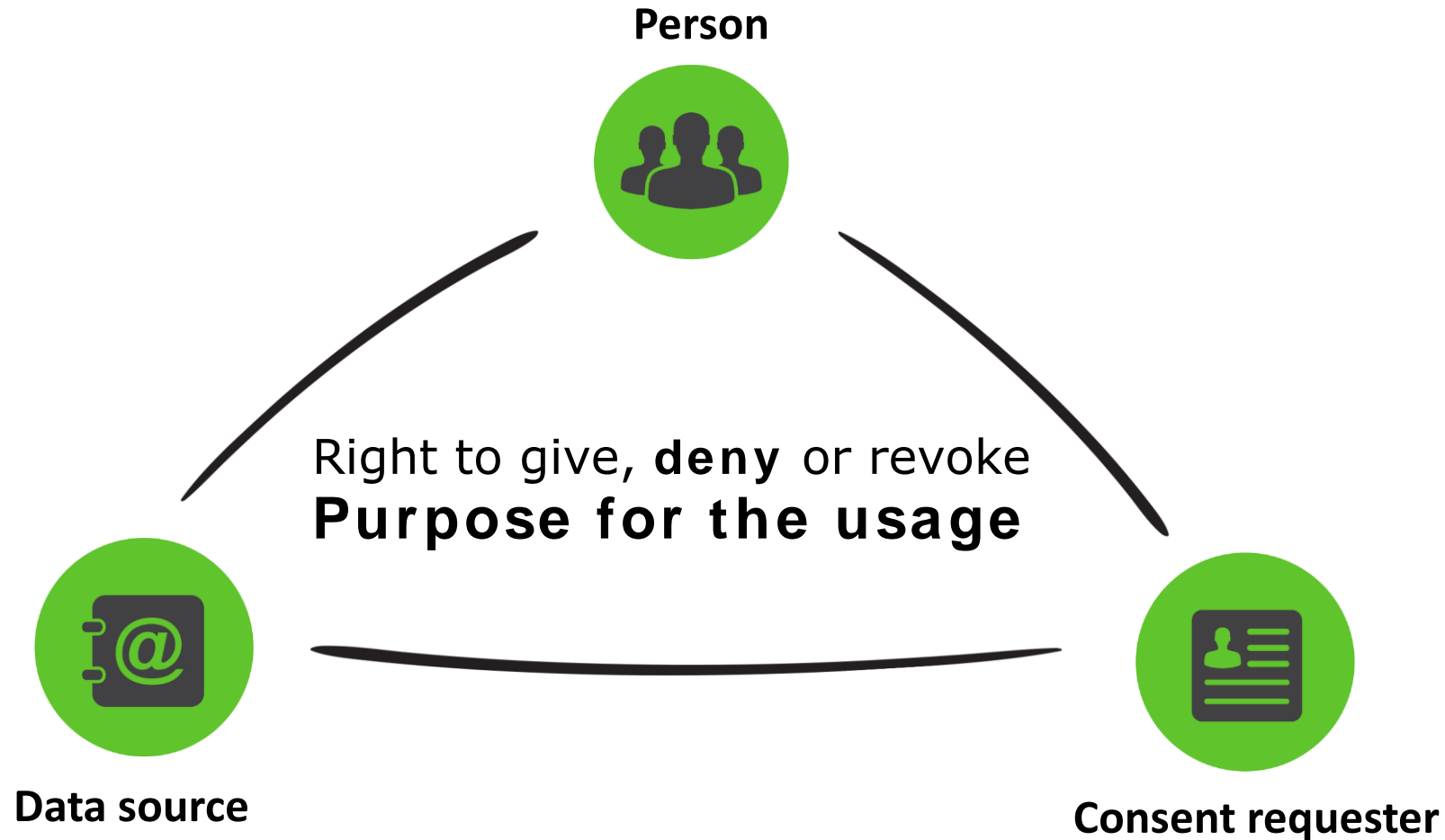
Permissions as a service?

- Growing and increasingly fragmenting data complicates the consent managements for the users
- Separate consent management services per data sources is not usable nor human centric approach
- Consent management as a service could be one solution

Separate consent services for each data source is not a viable long term solution



Changing current state with consent



MyData operator does not touch or store the data!!

Identity Layer (Authentication)

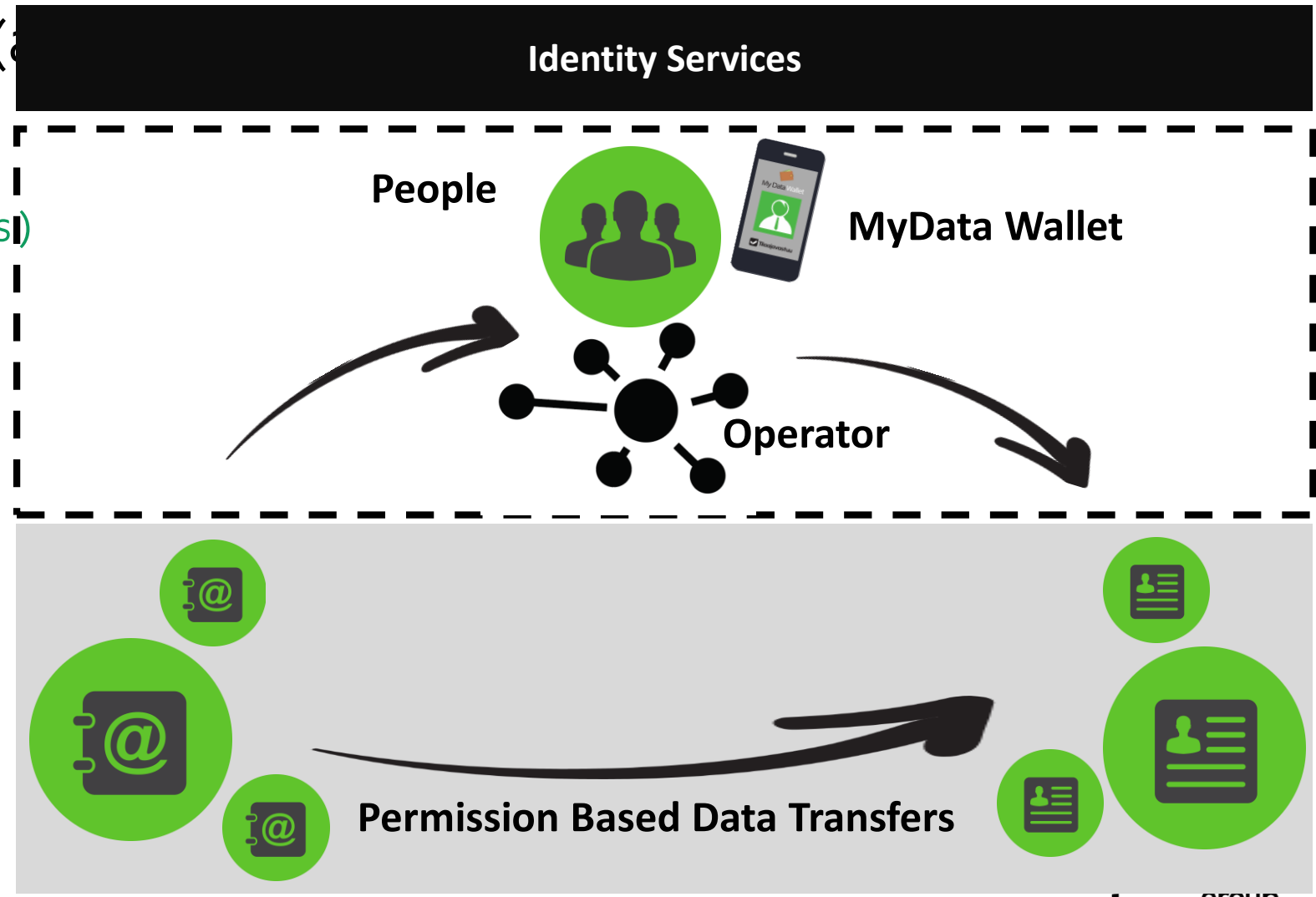
- BankID, MobileID, FreijaID etc.

MyData Operator Layer (Permissions)

- Identity linking
- Registered data sources
- Registered data consumers
- Permission management services

Data Transfer Layer (Data operations)

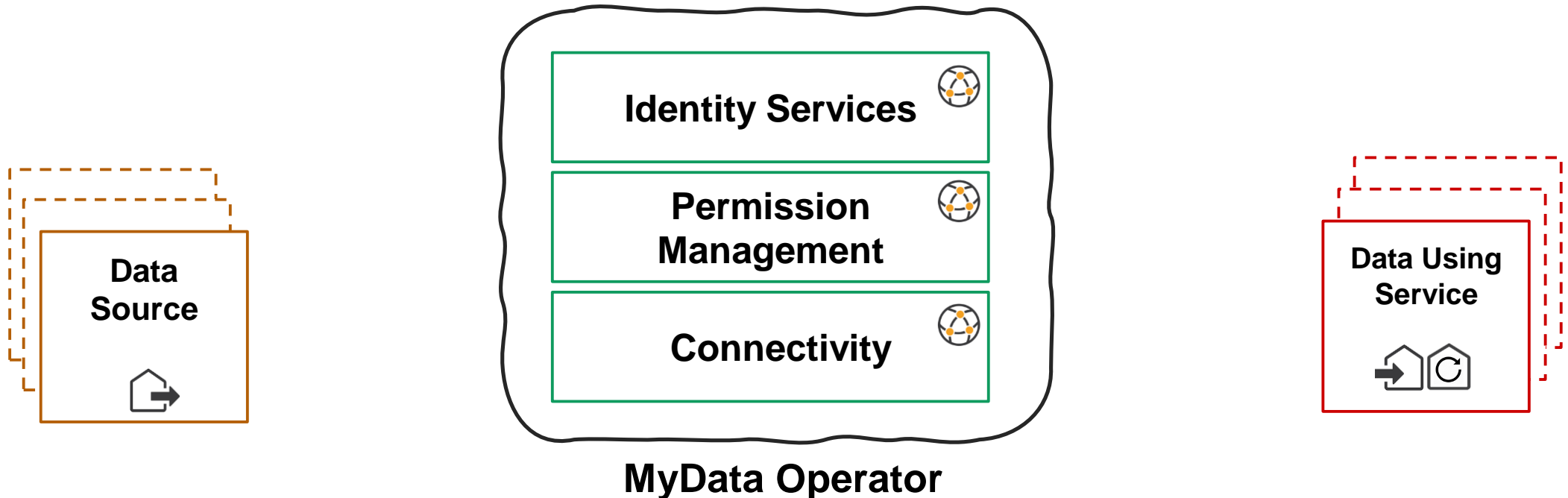
- Data controllers and data processors
- Substance related obligations
- Data transfers
- Consent requests
- Data removal



Stakeholders and main capabilities of a MyDataShare operator platform



People

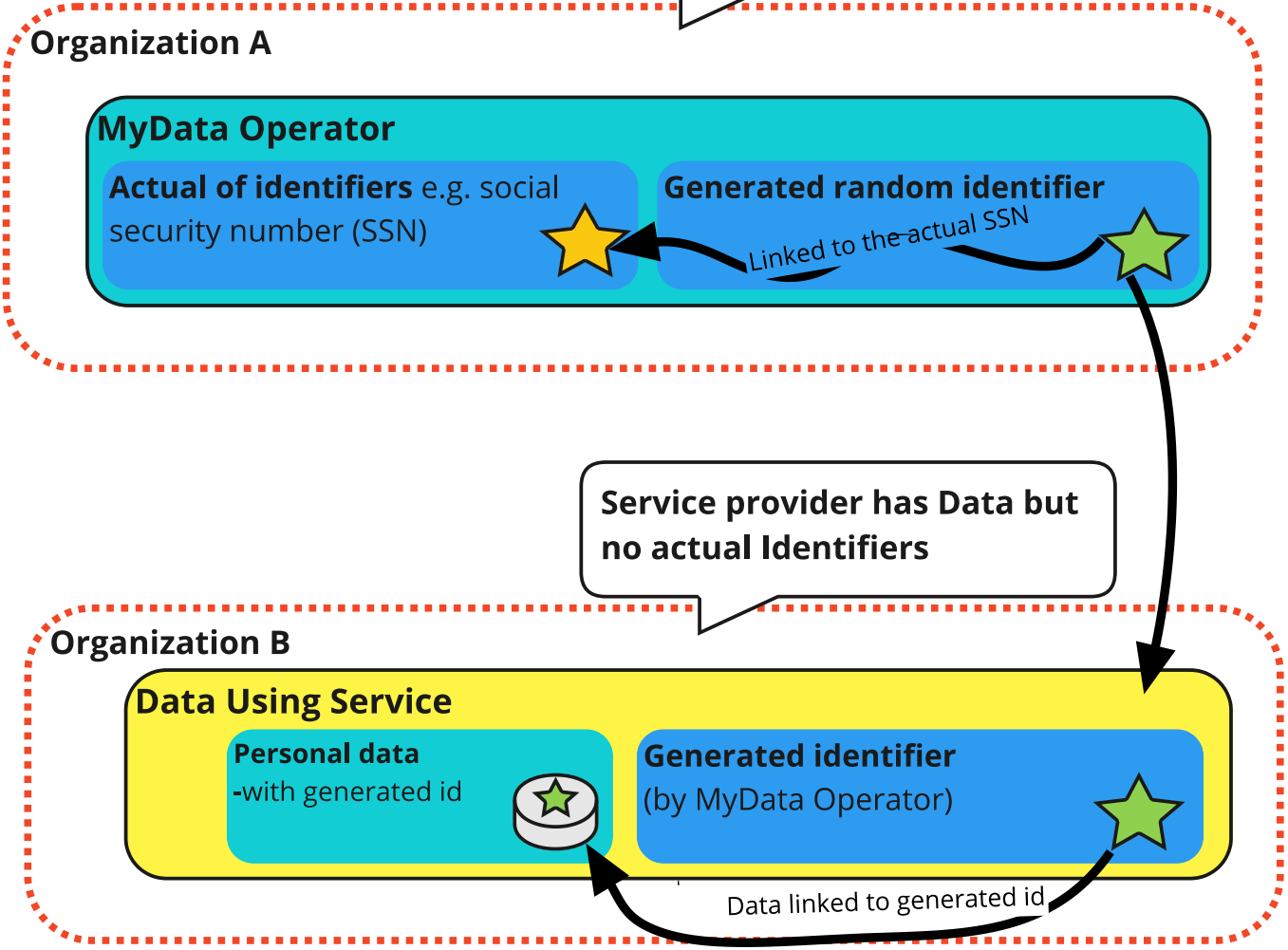


Operator has responsibilities towards each actor!

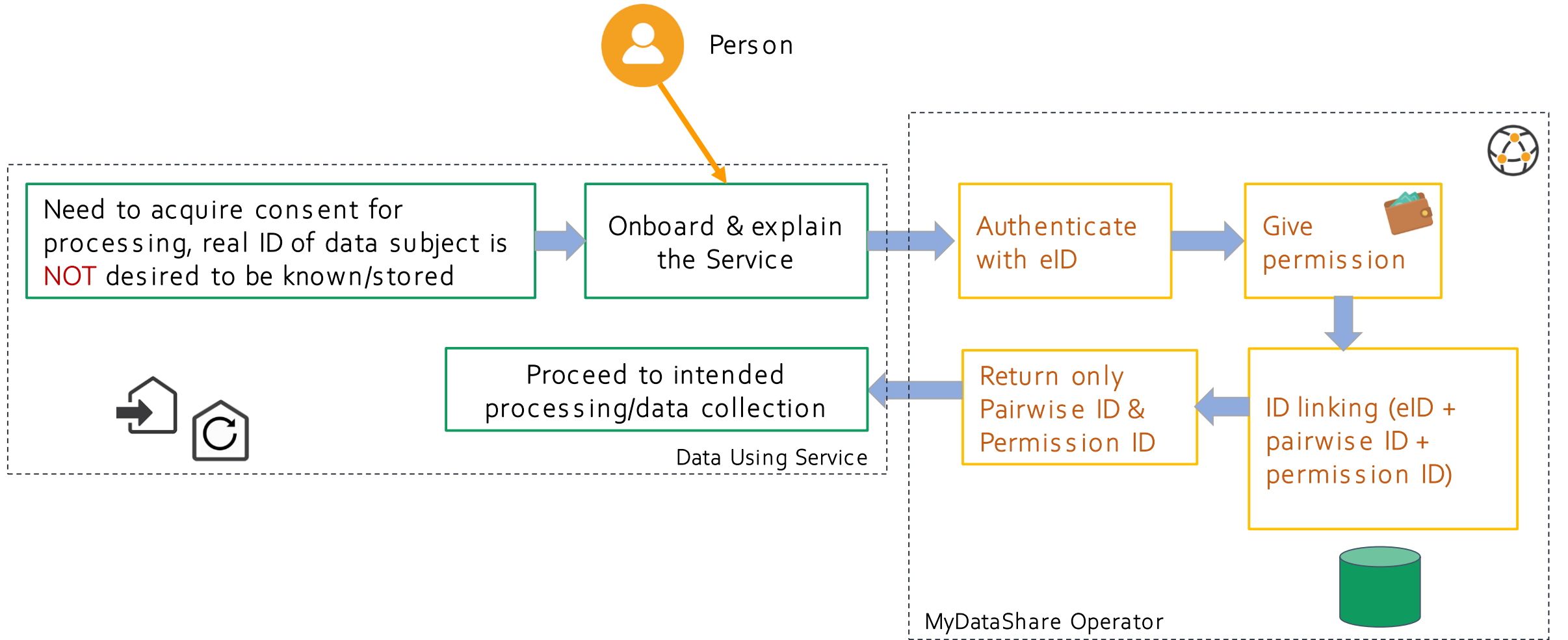
Identifiers - "Distributed Privacy"

- how separation promotes privacy

Operator has confirmed Identifiers but no actual Data



Distributed Privacy: obfuscation of real identity of the consentee from the consensor



Building Trust

Agreed roles and rules between the organizations

- Common agreement for the roles in the ecosystem

- Commercial rules and agreements

Legal framework

- Data operator, practical clarification and strong support from both public and private

- Flexibility to the legal framework, we are facing something new that no one knows exactly

Technology standards

- Common interoperability on conceptual level

- Shared interoperability components

- Minimal low level interoperability 1st



Thank You!

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