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SECURITY IN DATASPACES

- Juan Carlos Pérez Baún (Atos)
  juan.perezb@atos.net

- Security in data spaces Overview
- Use Case in KRAKEN project

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Security in data spaces Overview

"The term 'data space' refers to a type of data relationship between trusted partners who adhere to the same high-level standards and guidelines in relation to ***data storage and sharing*** *within one or many Vertical Ecosystems." (Gaia-X)*

- ***"Security-by-design****, i.e., security of data space assets and support of non-repudiable and unambiguous agreements."*
- ***"Assurance-by-design****, i.e., integration of security and privacy assurance requirements in the* ***development of data platforms and data-sharing applications****."(OPENDEI)*
- *Common framework for the* ***federation of security management*** *(OPENDEI)*

gaia-x

FIWARE

INTERNATIONAL DATA SPACES ASSOCIATION

European Commission promotes initiatives for the ***development of secure and sustainable digital infrastructures****, such as Gaia-X, for developing an open, federated and interoperable data infrastructure in the cloud, and the International Data Spaces Association (IDSA), among others.*

Data spaces must be secured and controlled environments. The ***data exchange*** *must carry out in a safe and secure way, adopting* ***security schemas*** *to protect data.*

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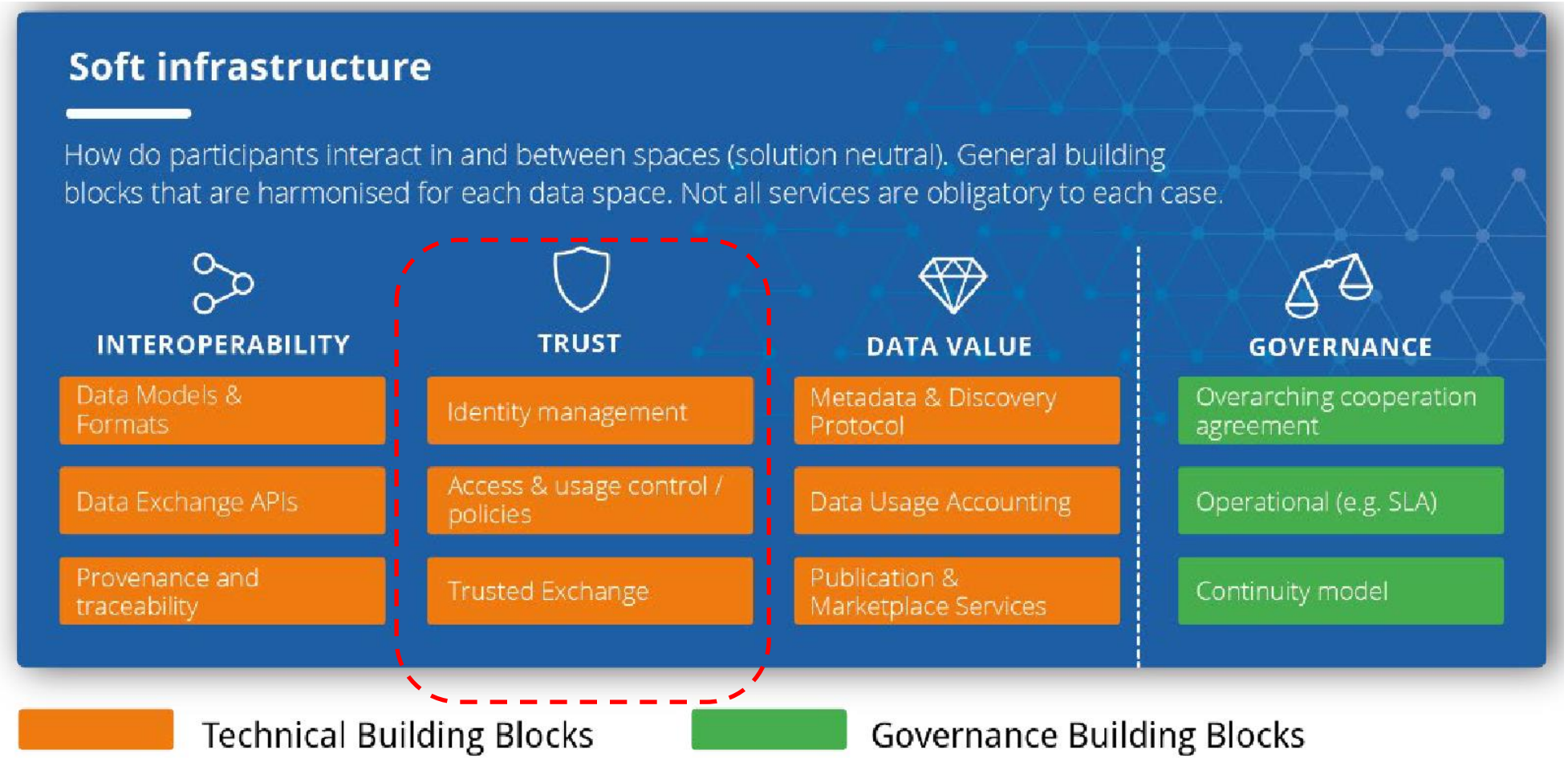
Data Spaces building blocks



Security in data spaces Overview

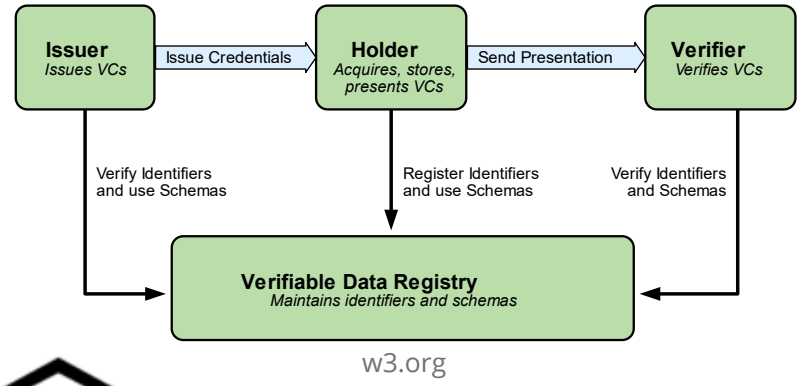
Use Case in KRAKEN project

Use Cases in KRAKEN project

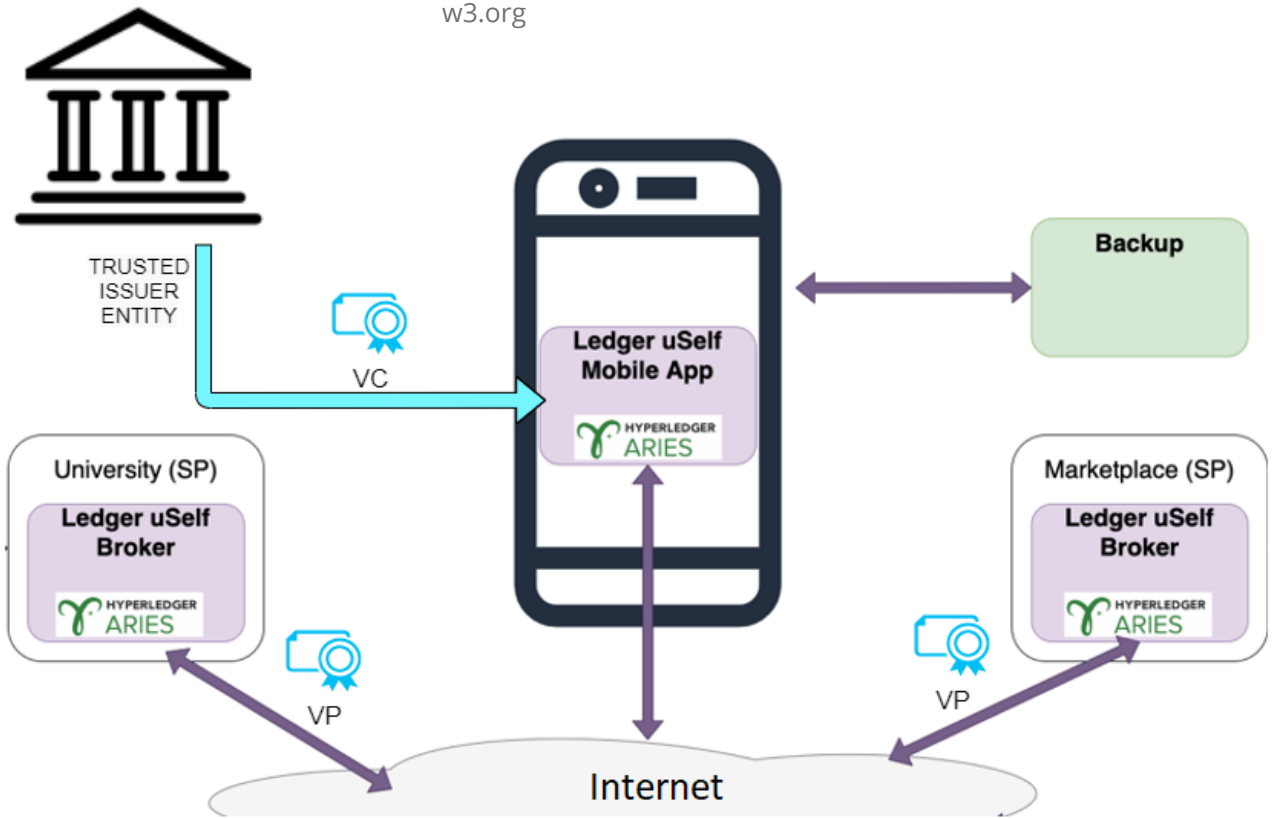
KRAKEN goal

Provide a decentralized SSI solution and user centric access control.

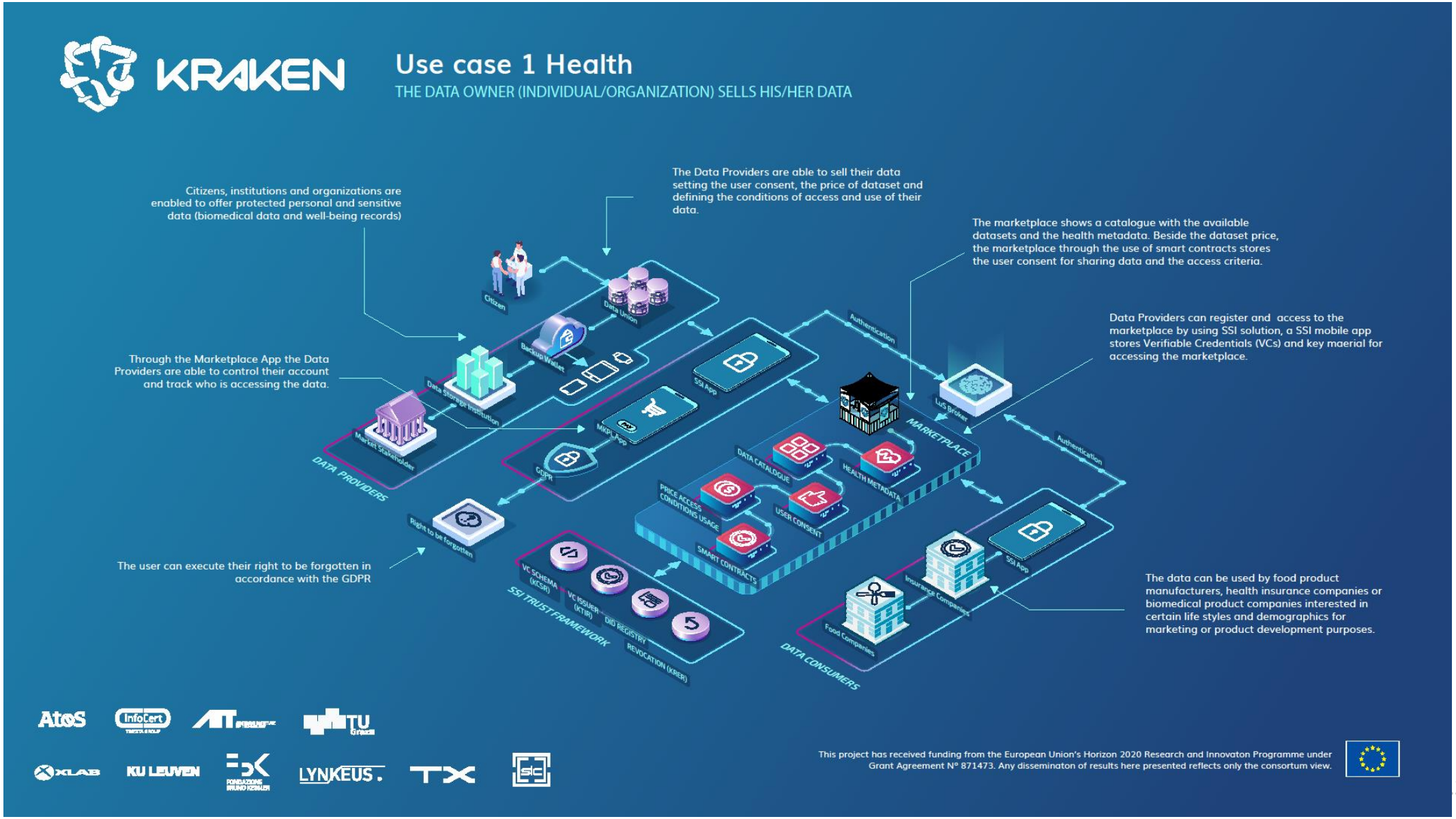
- ***SSI mobile app*** *for managing VCs and key material*
- ***Ledger USelf broker*** *for SP integration*
- ***Backup service*** *allowing the use of several devices*



w3.org



KRAKEN Use Case1: The data owner sells data



THANK YOU!!

juan.perezb@atos.net