TrustRelay
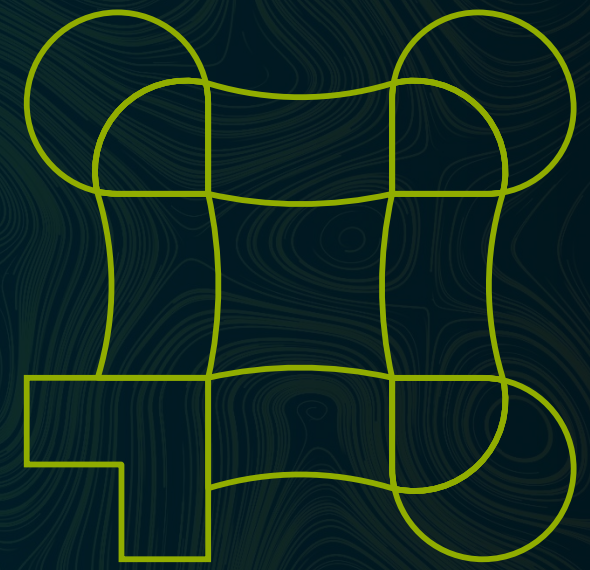
Dataspaces for cross-company data sharing

Problem Statement

The three main obstacle for data sharing across companies:

REGULATORY CONCERNS
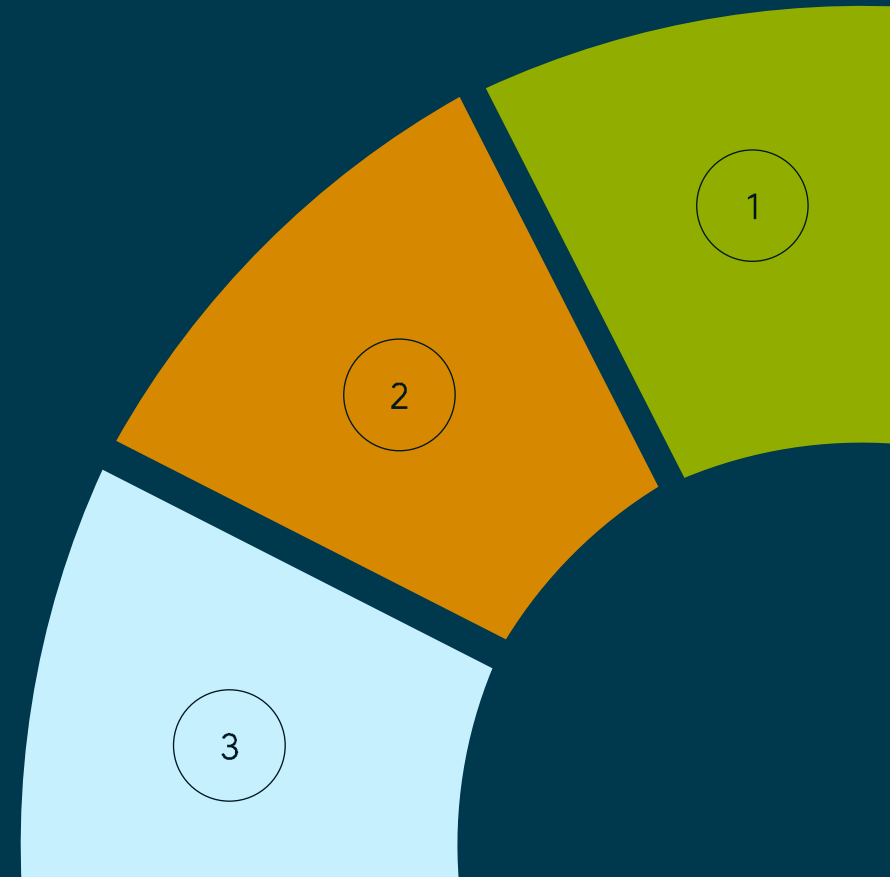
LACK OF TRUST

TECHNICAL COMPLEXITY

This often results in simply choosing not to share data, creating silos and leaving out huge potential for organizations and society.

Root causes being

1. Lack of legal knowledge and /or misalignment between legal and engineering teams

2. Data related regulations with unknown consequences for the business

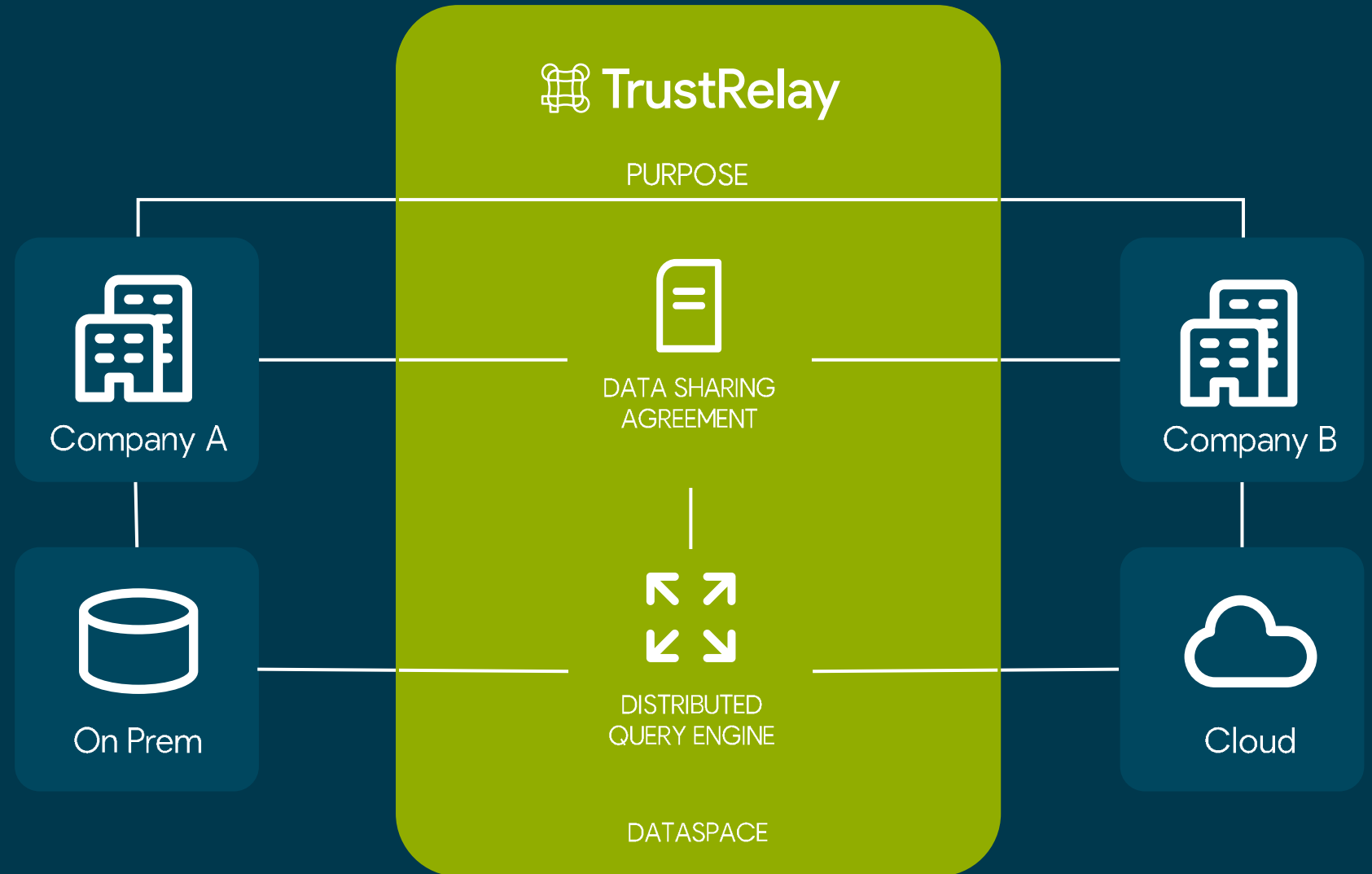3. Missing interoperability of technology solutions

1

2

3

Solution

Dataspace as a Service

TrustRelay fosters **Purpose** driven data sharing among organizations. Peer-to-peer **Data Sharing Agreements** control the querying of data in a **Dataspace**, independent of whether the data resides on prem or on the cloud.

Highest flexibility on data schemas and formats, as well as real-time querying enable **Modern Data Ecosystems** to unlock collective business growth.

Classification

FEDERATED MATCHING

Federated Matching allows a user to make a single query on multiple data sets to match records based on one or many attributes.

FEDERATED AGGREGATION

Federated Aggregation allows a user to aggregate data from multiple data sets. The aggregation is often using BI tools for visual representation.

FEDERATED INSIGHTS

Federated Insights allows a user to get insights from aggregated data sets using ML, Advanced Analytics or AI

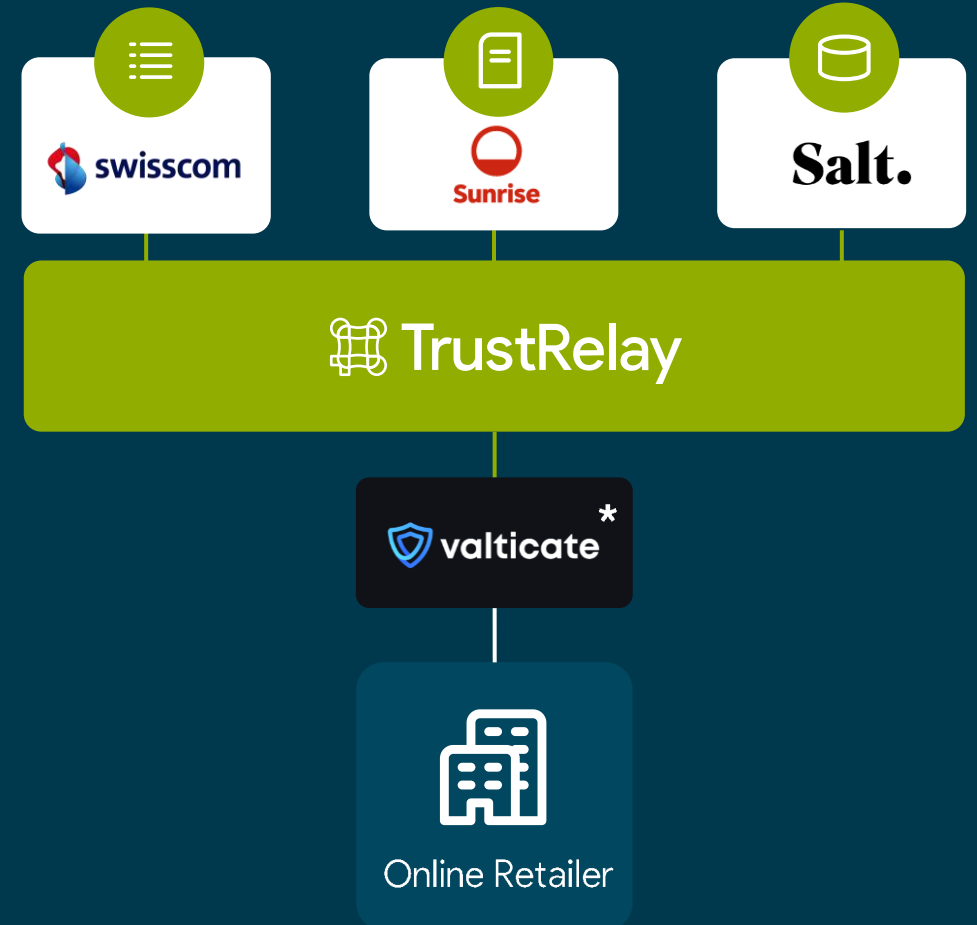**TrustRelay**

SIM Card swap for risk scoring

PURPOSE

Telcos generate valuable data about their mobile users. However, getting the information out of their networks is cumbersome as the landscape is fragmented and there is a lack of data standardization.

APPROACH

TrustRelay enables Valticate to get information associated to a mobile number through a single query, independent of the mobile network operator of the mobile user.

OUTCOME

Valticate offers a unified API in order to obtain information on any recent SIM pairing change related to the user's mobile account. This information is an important input parameter for a risk scoring (i.e. by an online retailer).

swisscom

Sunrise

Salt.

TrustRelay

valticate *

Online Retailer

* TrustRelay's Customer

Federated Aggregation

Scope 3 emission reporting

PURPOSE

Companies tackling carbon emission across the value chain face several challenges:
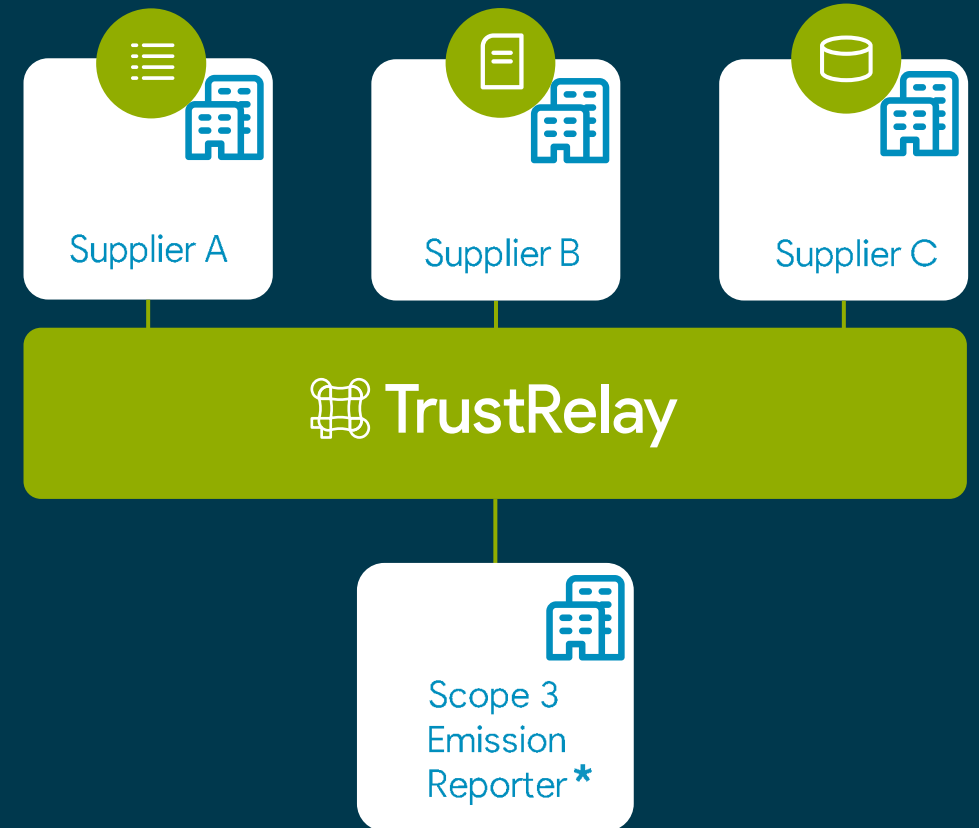
- Inconsistency in methods and standards
- Interoperability of technology solutions
- Exposure of sensitive data

APPROACH

TrustRelay enables companies to share carbon emission numbers based on legally binding contracts, real-time and in a secure manner.

OUTCOME

The companies are able to report scope 3 carbon emission on actual numbers without centralizing sensitive data.

Supplier A

Supplier B

Supplier C

TrustRelay

Scope 3 Emission Reporter *

* TrustRelay's Customer
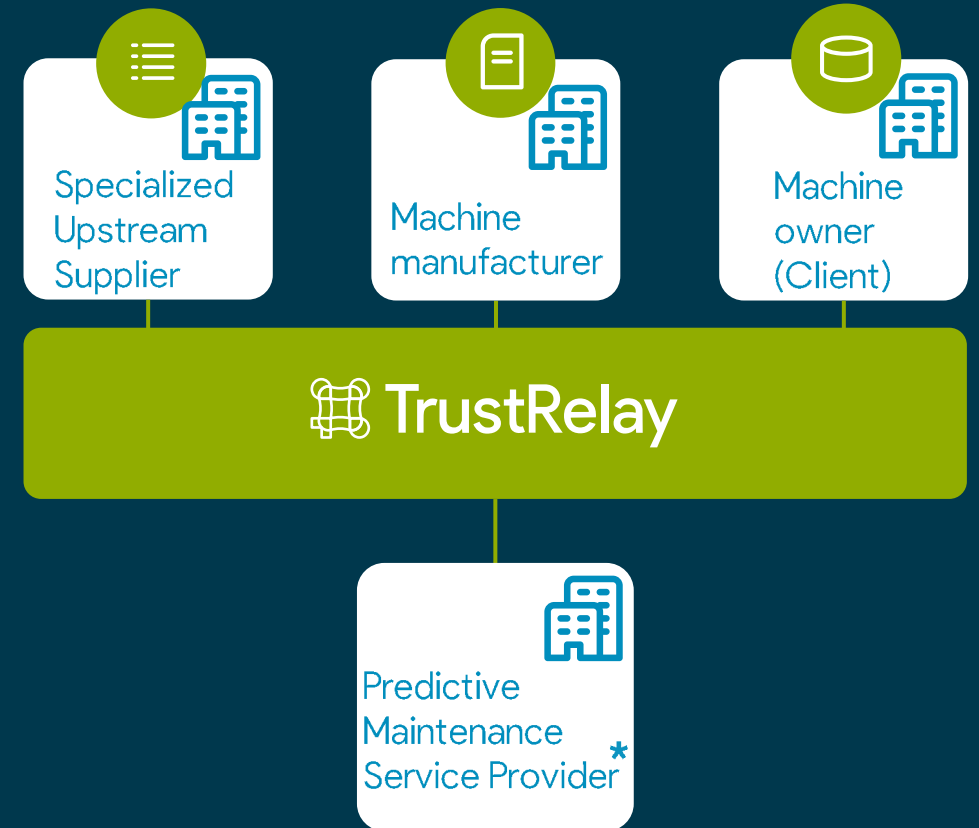
Predictive maintenance

PURPOSE

Predictive maintenance provides superb monetization opportunities, but it's not possible for a single organization to own all data corresponding to the lifecycle of devices, usually suppliers, manufacturers, and clients must work together and share data to obtain a holistic diagnostics tool.

APPROACH

TrustRelay enables companies to share machine manufacturing data, machine inspection data, and machine usage data among legal entities.

OUTCOME

The companies are able create a General Predictive Maintenance Service API based on AI models trained on data generated by multiple companies.
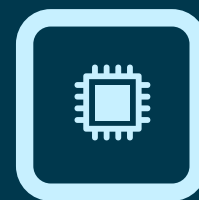
Specialized Upstream Supplier

Machine manufacturer

Machine owner (Client)

TrustRelay

Predictive Maintenance Service Provider *

* TrustRelay's Customer

Turn the Public Cloud into your Private Cloud

ENCRYPTION AT RUNTIME

EVERYTHING VERIFIABLE

ISOLATION FROM CLOUD INFRASTRUCTURE

With Confidential SaaS, you can build state-of-the-art cybersecurity and privacy into your product without changing your infrastructure or code.

TrustRelay

Dataspaces for cross-company data sharing

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