

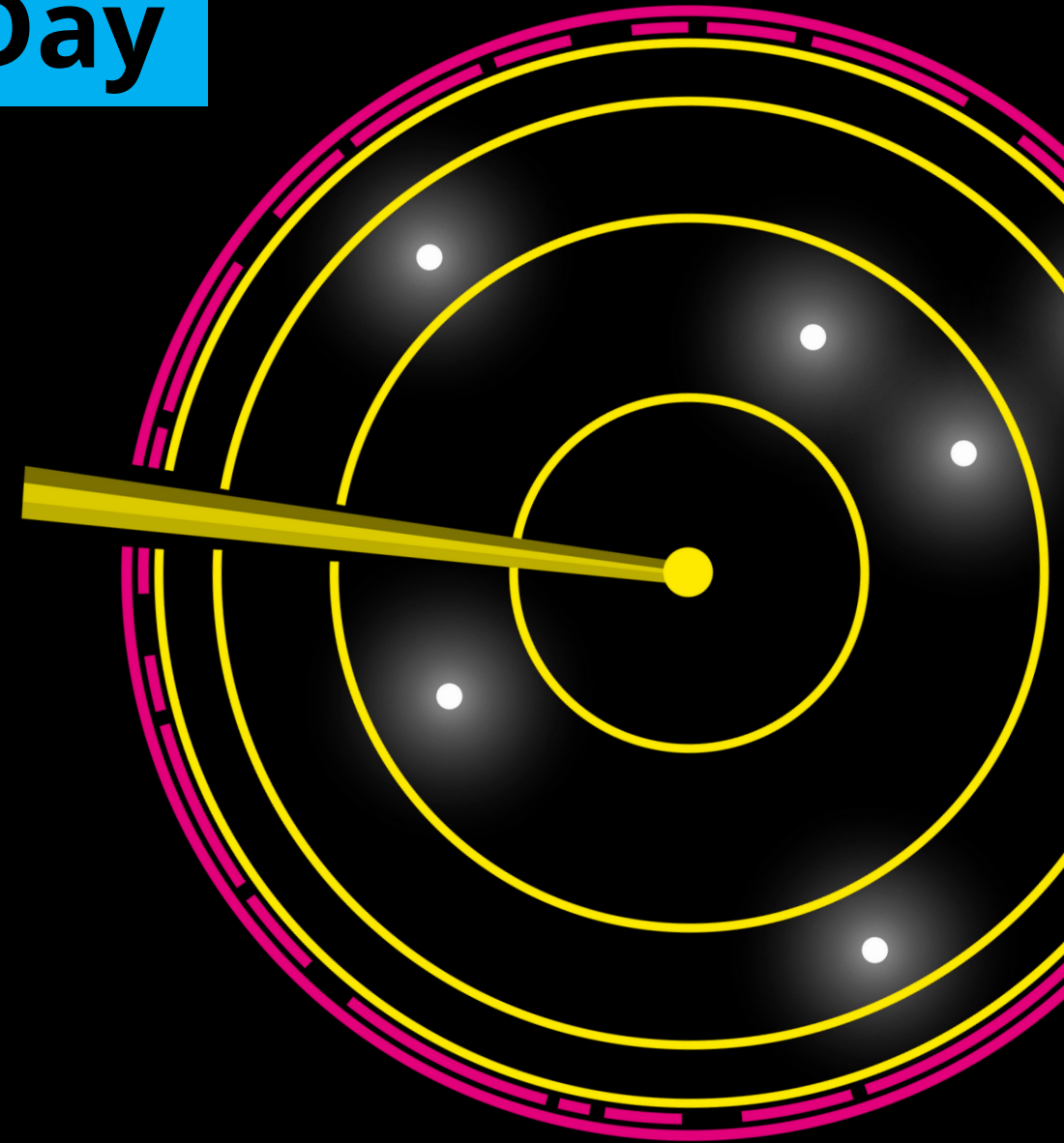
Data Spaces Discovery Day

October 19, 2023 | Vienna

How to enable your company for
secure data collaboration?

Ute Burkardt | Volkswagen AG

Matthias Buchhorn-Roth | Confinity-X



Cofinity-X™

How to enable your company for secure data collaboration?

October 19th, 2023

Matthias Buchhorn-Roth

Product Lead

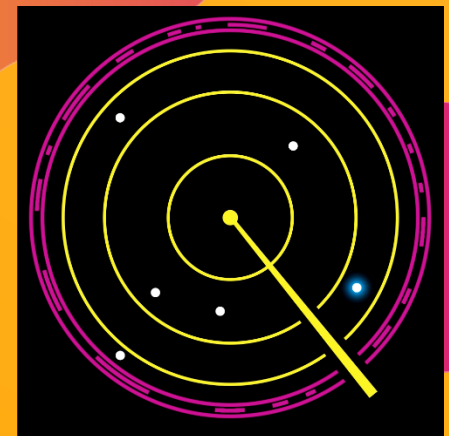
Take Always:

1. Build Data Management Landing Zones
2. Develop Strong Communities
3. Understand Core and Enablement Services
4. Starting Point For Developer

Data Spaces Discovery Day

Business value of sovereign data sharing

Vienna | October 19, 2023

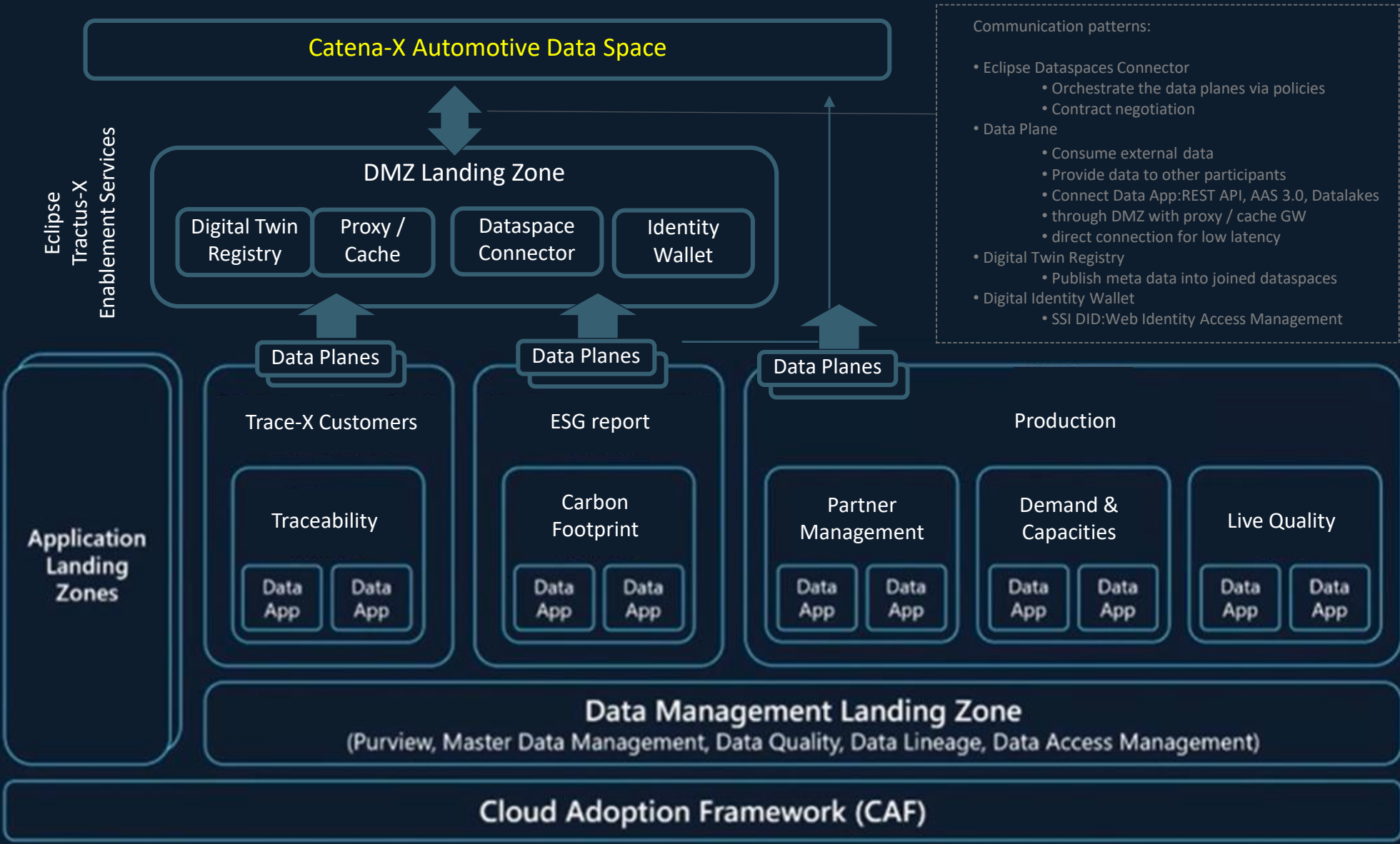




1. Data Management Landing Zone

Setup an secure and scaleable data architecture in your company

Implement data landing zones with Data Mesh and Data Spaces



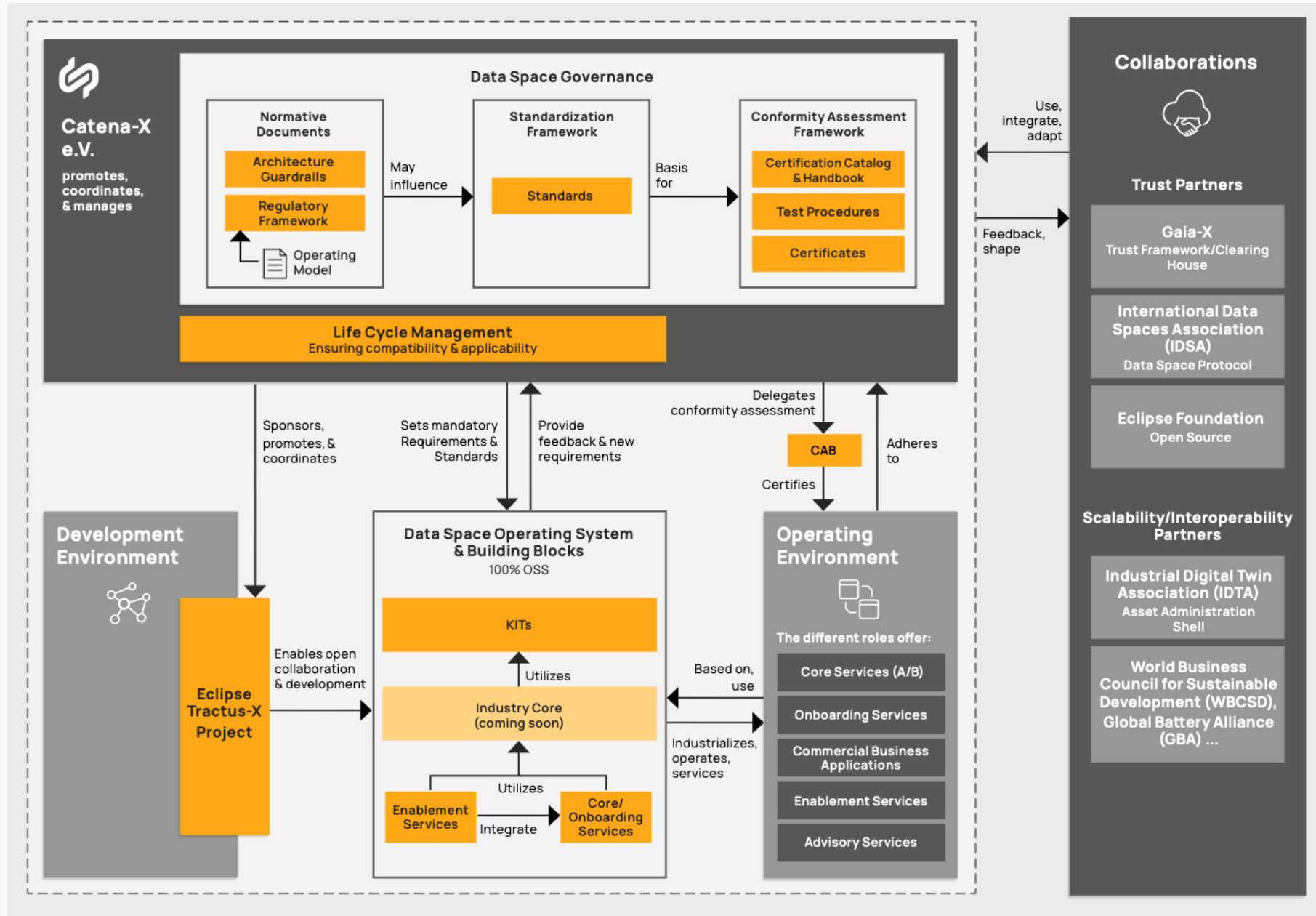


2. Develop strong Open-Source-Communities

Start the user journey into Dataspaces
- With the example of CATENA-X

The Catena-X Data Space

<https://catena-x.net/en/catena-x-introduce-implement/how-to-operate-catena-x>



3. Pick a Use Case

Understand the Data Space concept and start with one User case and few suppliers

Pick a use case with some partners

Take a look in the Tractus-X KIT

Common **GOAL**

Solve top industry problems together and now

Master Data Services &
unique Company ID

Traceability
of Parts

Live Quality Loops &
Root Cause Analysis

use cases

De-Carbonization &
ESG Reporting

Circularity &
Product Passport

Demand & Capacity
Management

... many more to come 2024



https://catena-x.net/fileadmin/user_upload/Vereinsdokumente/Catena-X_general_presentation.pdf

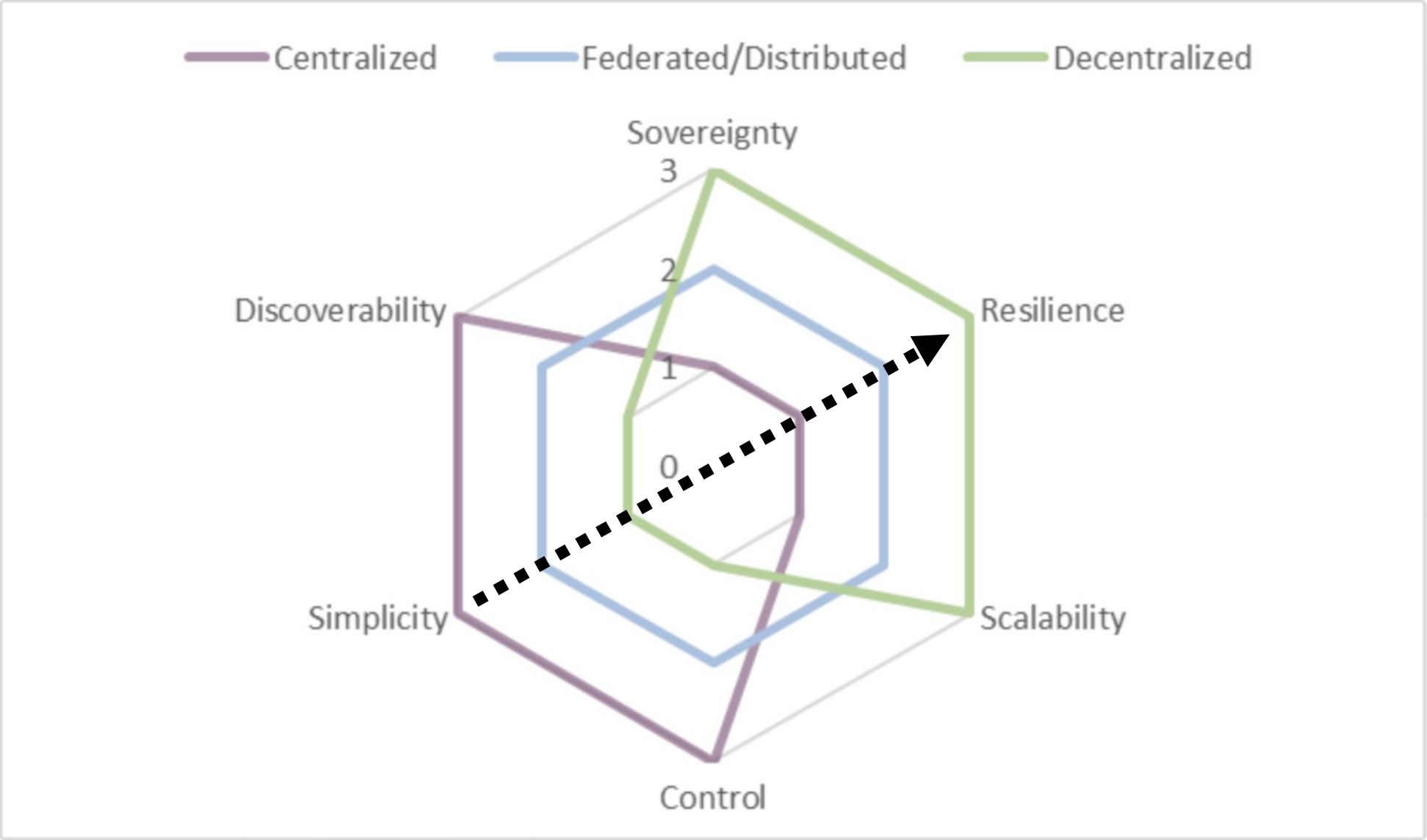
<https://eclipse-tractusx.github.io/developer>



3. Understand Core Service and Enablement Services

Federated and Decentralized Services

Catena-X data space is evolving



Service Map (Deployment View)

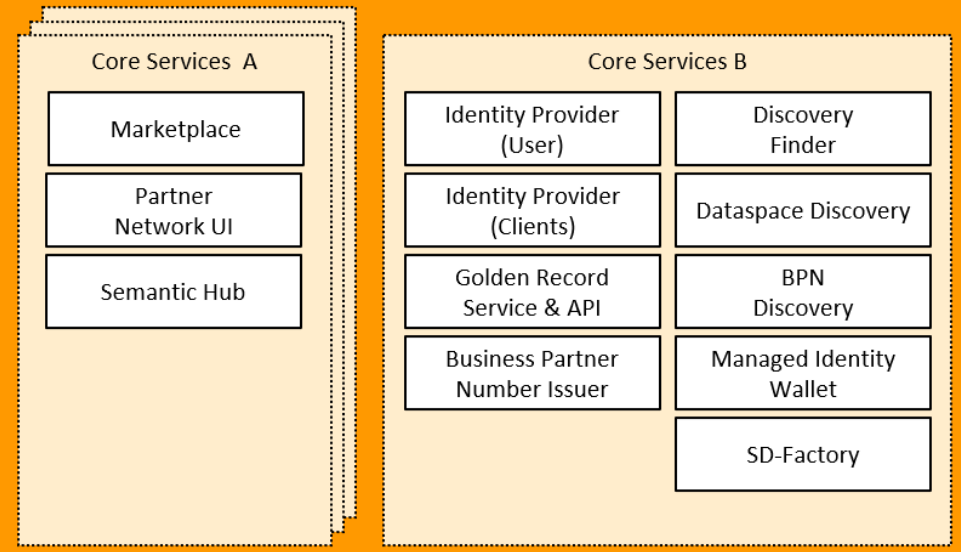
Use Cases



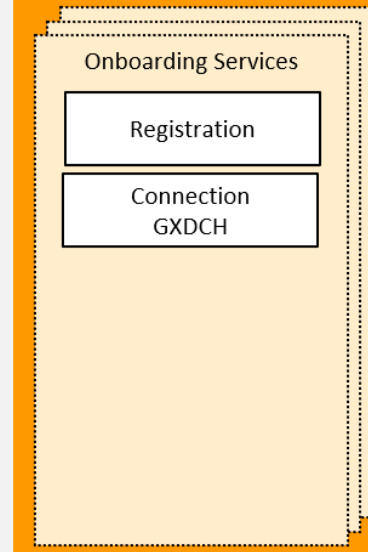
Catena-X Operating System (cxOS)

KITs

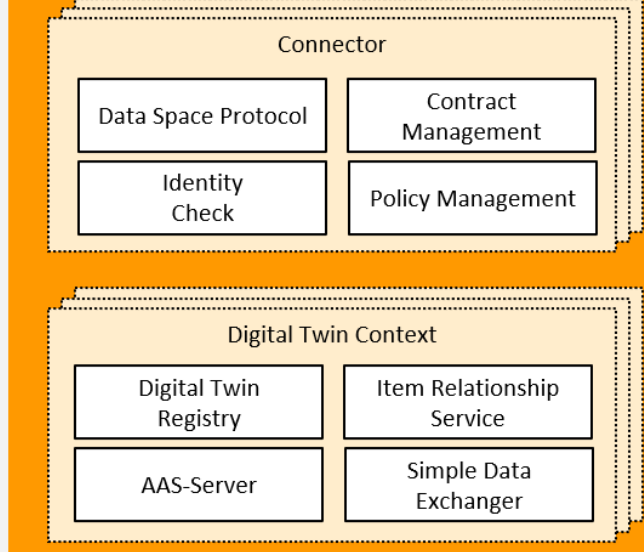
Core Services



Onboarding Services



Enablement Services





4. Starting Point for Developers

Eclipse Tractus-X and Eclipse Dataspace Connector

Eclipse Tractus-X

Open-Source-Community is developing applications for the Automotive ecosystem.



Vision/
Mission

Business
Value(s)

Tutorials/
Videos

Whitepaper
(e.g., Context)

Scope for Standardization/Certification

Semantic
Models

Logic/
Schema

Business
Processes

Access &
Usage Policies

API
Specifications

Protocols

Sample
Data

Reference
Implementation

Architecture

Conformity Assessment Criteria

Quick
Setup Guide

Deployment
Scripts

Catena-X offers a dedicated set of tools to empower and stimulate interoperable solutions for each step of the customer journey.

<https://eclipse-tractusx.github.io>

Cofinity-X

Cofinity-X Marketplace

- 🏠 HOME
- 📍 MARKETPLACE
 - 🛒 App Marketplace
 - 🏢 Service Marketplace
 - 📄 Marketplace Management
- 📊 DATA MANAGEMENT
 - 📖 Semantic Hub
 - 🔄 Digital Twins
- 👤 USER MANAGEMENT
 - 🔒 App Access Management
 - 👤 Identity User Management
 - 🛠️ Technical User Management
- ✂️ PARTNER NETWORK
- 📄 APP MANAGEMENT
 - 📄 App Maintenance
 - 🏠 App Subscription MGT
- ⚙️ SERVICE MANAGEMENT
 - ⚙️ Service Maintenance
 - 📄 Service Subscription Mgt
- 📄 APPLICATION REQUESTS
- 👤+ BUSINESS PARTNER INVITE

App Overview Showing 16 results


🔍 Search app name

Filters

- All
- Traceability
- Sustainability
- Modular Production
- Business Partner Management
- Technical Enablement
- Business Value
- Organizational Enablement
- Circular Economy
- Quality Management

Traceability


Explore More



SAP
SAP Business Network Material ...

enables the exchange of relationship information by tracing serial numbers, batches, and components across organizations.

Details →
Others € Contact sales



German Edge Cloud GmbH
ONCITE Digital Production Syst...

With the ONCITE Digital Production System (ONCITE DPS) you ensure that you get the data streams and processes digitized.

Details →
Others € Contact sales

Cofinity
Trace-

Open So applicati

Details



Sustainability





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[linkedin.com/in/mbuchhorn/](https://www.linkedin.com/in/mbuchhorn/)

Let's **connect**
and start a
great **journey**
together.

Cofinity-X™
Where innovation and collaboration meet

Matthias (Buchhorn) Buchhorn-Roth (He/Him)
operate a secure dataspace for the Catena-X global automotive supply chain network to address pressing challenges like carbon emissions, circular economy, master data management, fraud prevention

Cofinity-X
Berufsakademie Berlin