Catena-X

Dataspace OS – How to connect the automotive industry!

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Agenda

1. ZF, Cofinity-X & Catena-X
2. Actual Projects
3. Benefits for ZF from Catena-X technology and Ecosystems
4. How to approach a new Catena-X Use-Case
5. Live Demo – Traceability Use-Case / Battery Product Pass
6. Benefits and next steps
What is a testimonial?

A testimonial by ZF Friedrichshafen AG.

1 testimonial / plural testimonials
Britannica Dictionary definition of TESTIMONIAL [count]

1 a: a written or spoken statement in which you say that you used a product or service and liked it
◊ Testimonials are often used to sell the products or services they are about.
The Web site is full of testimonials from satisfied customers.

b: a written or spoken statement that praises someone’s work, skill, character, etc.
He received a glowing testimonial from his former employer.

2: an event at which someone is honored
They have planned a testimonial [=tribute] in her honor.
- often used before another noun
She is being honored at a testimonial dinner next week.
Catena-X, Cofinity-X and & ZF

We started 2020 with Dataspaces and joined Catena-X as pioneer right from the beginning.

Catena-X organization within ZF IT from Day 1 and supporting different ZF Domains and Divisions.

ZF is active in all organizational bodies (Catena-X e.V., Cofinity-X as shareholder, ...)

ZF played a significant role in shaping the the first operating company through three different roles within the so-called Cofinity-X Incubation team.
ZF Catena-X
Use Cases and Core Services

ZF is participating in 7 out of 10 Use-Cases
- Traceability
- Sustainability
- Circular Economy
- Digital Behaviour Twin
- BPDM
- Quality
- Demand & Capacity Management

It is important for us to understand the architecture and core services as well, which is why we have actively participated in this area as well.
Importance of the data space
How do we start with a Use-Case?

- What data does the use case need?  
  Use case advice/analysis
- Where do I get the data? 
  Reconciliation data owner
- How do I connect the data? 
  Backend Integration
- How do I transform the data? 
  Data Provisioner
- Where do I store the data? 
  Submodel Server
- Where do I provide the data? 
  EDC aaS
Dataspace OS - Architecture
Live Demo – Customer Data Transfer

With this wizard you can share your data sets with EDC connectors step by step.

To share data from your EDC:
- Create or select existing submodel.
- Create asset connected to this submodel.
- Create contract which will have defined policy and assigned asset. You can use an existing policy or create new one.
- Publish your asset in the Digital Twin Registry. This step is optional.

Click Next to go through the steps
Catena-X connects the world. We've already got Europe covered. And we're busy working to include America, China, and the rest of the world in our network. Radical collaboration has no borders!

Our Association partners as well as the open-source community are divers and are co-creating our network. We've already established several expert groups that are continuing to develop the Catena-X Core, Standards, and Use Cases. Join us to contribute your know-how and make it better for all of us!

Operating companies are the foundation of our network, and the first one is up and running. Milestone? Check. But we want more, and there will be other operating companies coming.

Our open-source Tractus-X community is growing steadily. And you're invited to join our Open-Source Planning Sessions.

Our vision is becoming real since October 16th 2023
Catena-X, Cofinity-X & ZF

Next steps

- **Activation of supplier Network**
  - Receiving more PCF values trough our supplier partner SupplyOn and direct.
  - Implementation of the Demand & Capacity Solution following Catena-X Standards

- **Enhancement of ZF Catena-X Product portfolio**
  - Primary PCF Database with visualization and sharing capabilities.
  - More ZF DOS Wizards for easy data exchange.
  - Continuation of Catena-X support (FOSS, Applications, Activation, Catena-X Committees, ...
THANK YOU!
QUESTIONS?

SCAN ME

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