Catena-X Your Automotive Network

- General Introduction -

Catena-X Association 18. May 2025

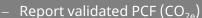
- Released -





Motivation: Keeping the "license to operate and grow"





- Create Product / Battery Passports
- Execute Supply Chain Due Diligence
- Cover regional variance

Resilient **Supply Chains**

- Digital ID: Business Partner
- Receive Up to date Location Certificates, Tariffs
- Global Supply Performance
- Optimized Inventory / Logistics Mgt.



- Trace parts
- Live quality loops
- **Behavior Twins**

The global automotive industry

> 275k companies > 1m locations >bn of parts / day





Why?

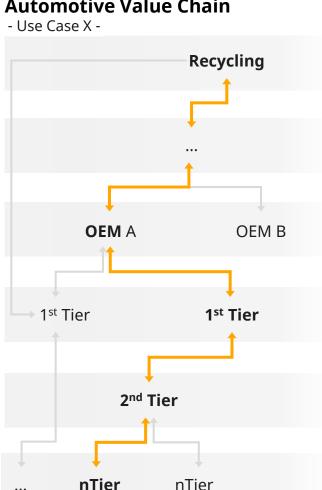
+++ Stay & scale within budget & leverage cross domain synergies +++ +++ Protect IP +++ Cyber-Security +++ +++ Multi Tier Collaboration Capability +++

→ It is an industry and digital challenge ←



Four main alternatives

Automotive Value Chain





Industry standards create interoperability between partners

- Freedom of choice (vendors)
- Cyber / IP Security
- + Trust / verification
- Anti Trust clearance
- Cross domain benefits
- Scalability in business
- Significant change
- Initial complexity
- Every company covers own costs

CONFIDENTIAL

Today's Alternative 1

Central Data Base for all industry partners

- + No cost for supplier
- Established / available
- Lock In
- Trust / verification
- Data protection / IP
- Cyber-Security
- **Business process** readiness
- Cross domain benefits

Today's Alternative 2

One IT Provider for all partners of the same value chain

- + Trust / verification
- + One solution provider
- Freedom of choice / Anti Trust Clearance
- Enforce usage (nTier)
- Scalability in business
- Cross domain benefits

Today's Alternative 3

Every Partner has its own solution

- + Freedom of choice
- + Short term costs
- Trust / verification
- Multi tier capability
- Scalability
- Overall costs
- Data protection / IP



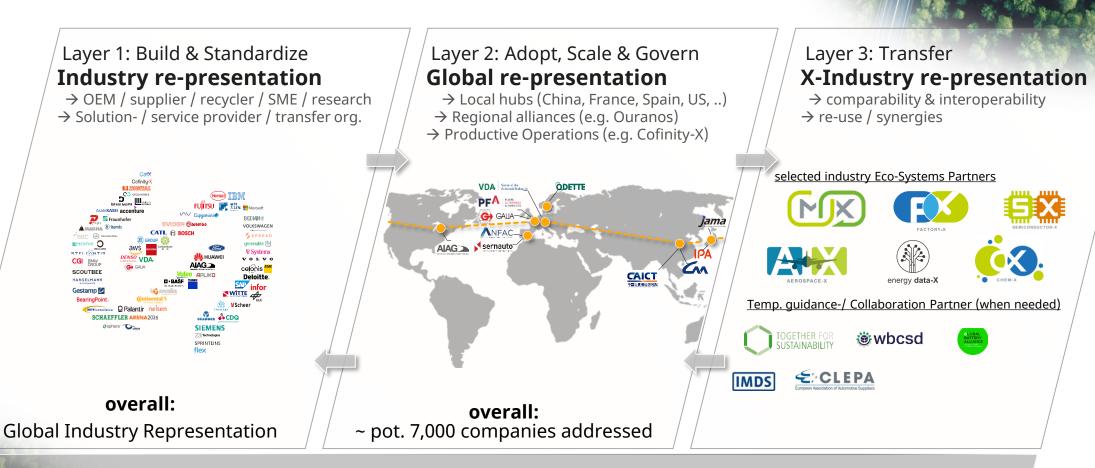
Mission and USP



Catena-X is the first globally trusted and collaborative data ecosystem for the automotive industry

- → We are the first to offer multi-tier collaboration.
- → We reduce costs and create synergies for business and IT.
- → We are successful via radical collaboration.

The 1st trusted and multi-tier business collaboration network is LIVE!



Trusted & Interoperable Data Exchange: Governed by the industry



Our KITs tackle some of the toughest industry problems (Status 04/2025)

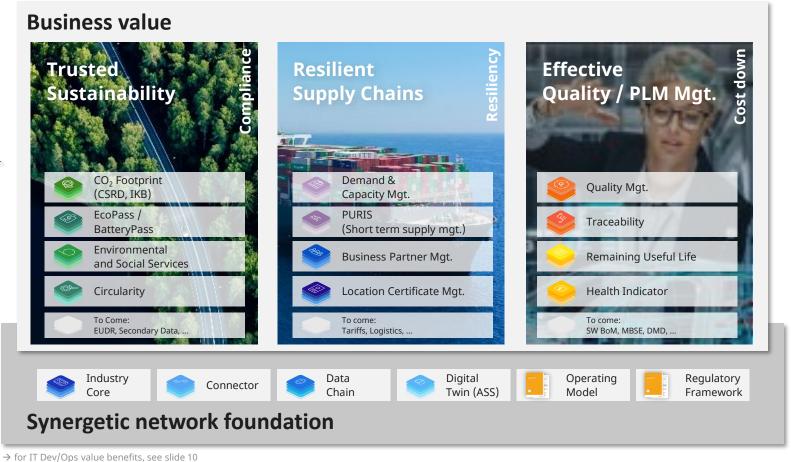
The solutions we certify for each business area are built on a shared technological foundation (→ aka KITs) to reduce costs and scale your IT and business processes, globally.

Set of standards / artifacts to solve a dedicated business problem:

- Semantics - Business Logic - Policies - Interfaces - Reference Impl.

- etc.



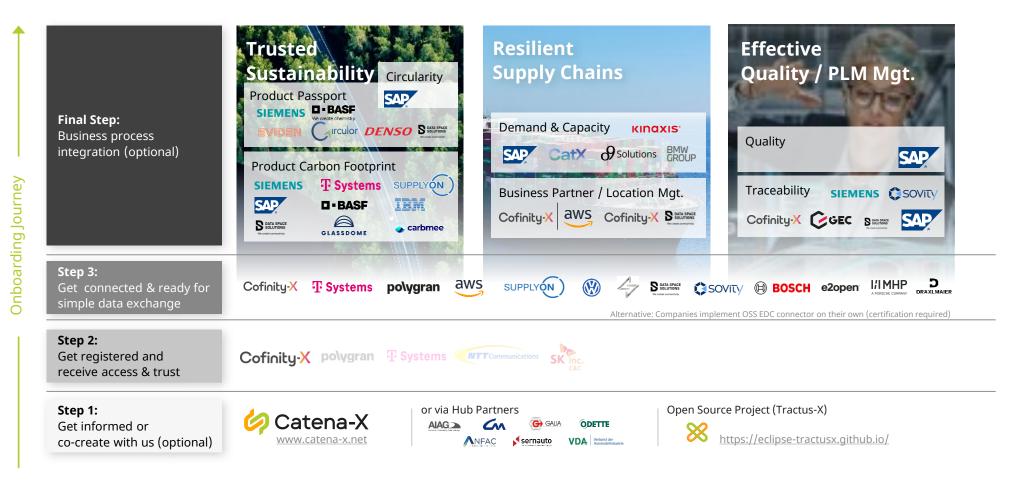


Catena-X certified partners portfolio



3 steps to value creation (05/2025)







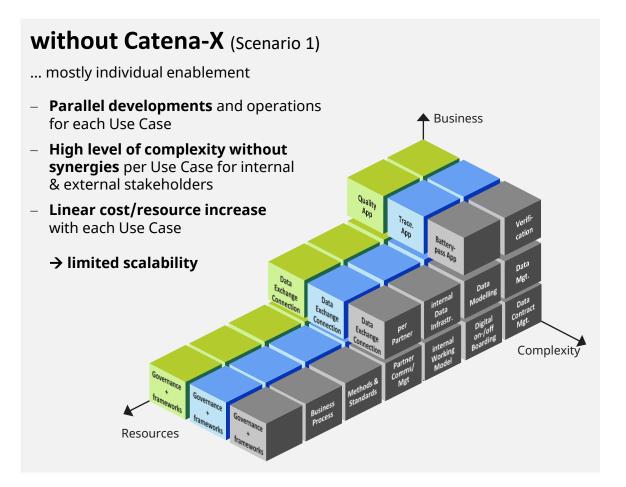
Selected success stories

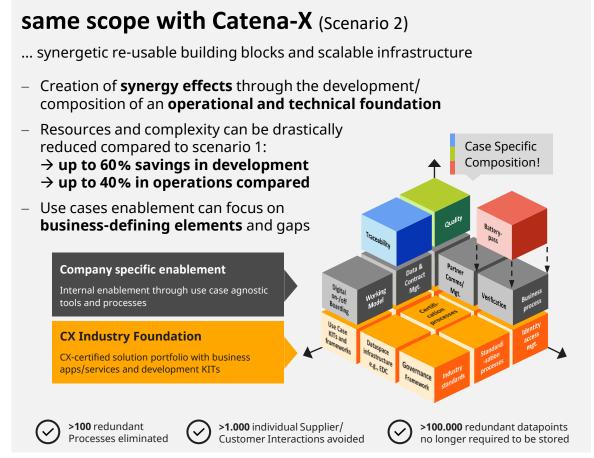


Build product passport



Cost savings and synergies







4x architectual guardrails define our eco-system



Core Value #1

Trusted Digital IdentitiesVerified and unique company identities

Know for sure with whom you are dealing with in the digital world



Core Value #2

InteroperabilityOpen-source based standards / KITs.

No Lock-In. Choose the provider tha fits you best to scale your business



Core Value #3

Self-SovereigntyDecentral architecture and protocols

Stay in control over your data / IP and take Cyber-Security serious



Core Value #4

Industry GovernanceOne global operating model and framework

Rely on what's best for al not just one

We believe within our global automotive industry, we only can create a true multi-tier collaboration when we empower existing players and solution providers. We believe that trust in your partners and control over your data are decisive in a digital world.

Hence, we created an ecosystem from the industry for the industry

How to start? We and our market activation team are here to help you.



Contact: info@catena-x.net

Industry task 2025: "Road to 1.000+" Supported and boosted by regional hubs & industry associations

Step 1:

Inform yourself, setup your team and create your roadmap

Readiness Booster Program

Co-sponsored training, guidance and action plan to help your company

Why? Join the industry transformation Now!

Step 2:

Register with Catena-X

→ receive business partner number and verified digital ID

Step 3a:

Technical Readiness and Industry Baseline

→ Create scalable / re-usable foundation for industry

Target:

Level the

playing field for the industry

→ multi-tier

collaboration!

Starter foundation

- Connector

- Business Partner Mgt.

- Location Certificate Mgt.

- Traceability light

Why? Proof of value within short period of time via scalable (shared) industry services

Step 3b: **Company B**

Step 3b: PCF Reporting

Step 3b:

PCF Reporting + Quality Company C

Company ...

Continue individual company

Company A

journey with Catena-X













