Gestamp

CUMBRE DE
ESPACIOS DE DATOS
GAIA X SPAIN

Digitalization on the automotive sector

catena-X

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INTRODUCTION

Gestamp, TIER-1 Spanish multinational specialized in the design, development and manufacturing of metal components for the main automobile brands

Product portfolio

- Body-in-White, Chassis and Mechanisms
- Oriented to Increase Safety and Weight Reduction

Innovation Technology

13 R&D Centers

1,500 R&D professionals

GLOBAL PRESENCE

24 Countries

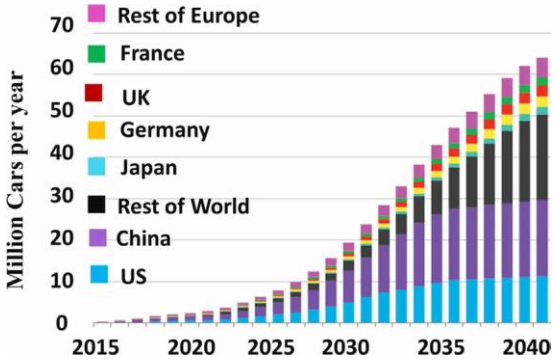
More 100 Industrial plants

44,000 Employees

SOFTWARE ON THE AUTOMOTIVE SECTOR

State of the Art

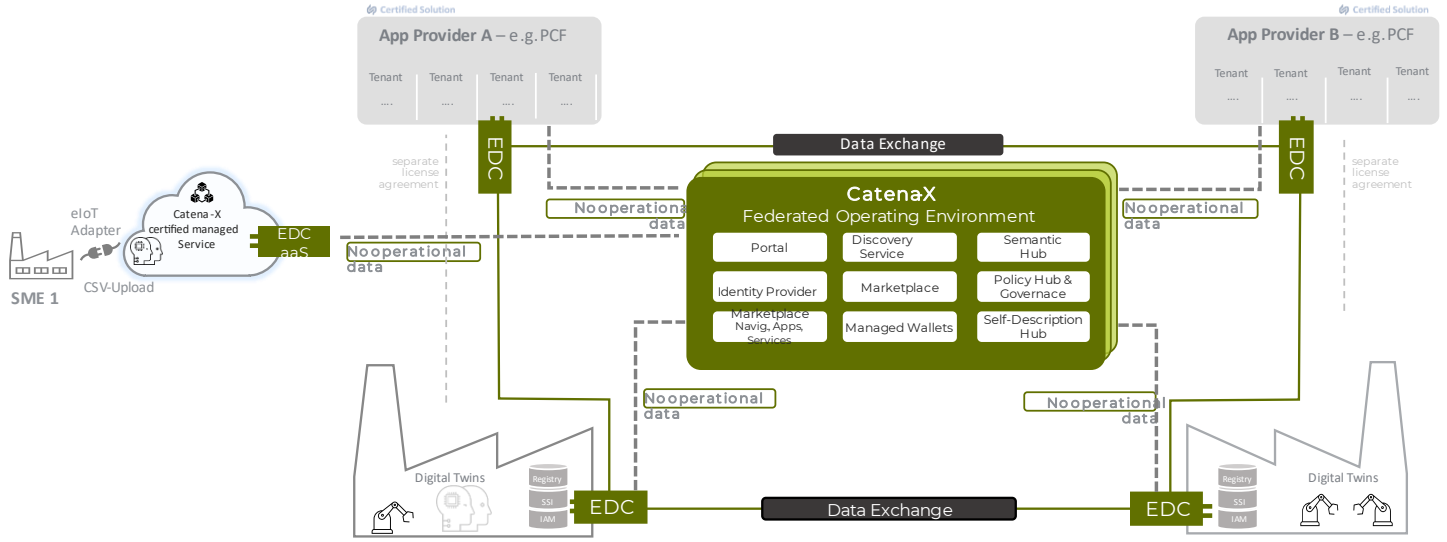
Annual global EV sales forecast across different Nations (Bloomberg)



GESTAMP, WE ARE CATENA-X

> 189 Companies already engaged in Catena-X (Oct24)

CATENA-X ,OPEN COLLABORATIVE ECOSYSTEM FOR DATA EXCHANGE ALONG THE VALUE CHAIN WITH STRONG PRINCIPLES



#DataSovereignty

Decide about the use of your data

#DataSecurity

Data exchange via secure connector

#Interoperability

Common standards allow different systems to work together

#Trust

Collaborate with partners of choice only

#GovernanceFramework

Unified policies, authorizations and monitoring

Catena-X is *not a database* to store and collect data but an *open ecosystem* to share data in a better way – standardized, secure and simple.

HOW DOES CATENA-X CREATE BUSINESS VALUE?

BY OFFERING MULTIPLE USE CASES THAT ADDRESS DAY TO DAY CHALLENGES

Quick wins and short term enabler

Traceability

- Trace components and subcomponents along the whole value chain.
- Narrow down quality issues significantly faster.

Quality Management

- Receive quality performance data from the customer.
- Root cause analysis and collaborative data evaluation.

Regulatory must haves within the next 2 years

Product Carbon Footprint

- Enablement of uniform CO2 Reporting
- Compliance with PCF regulations

Circular Economy / Product Passport

- Product information in one place (e.g., material composition & origin)
- Compliance with battery regulations

ESG Monitoring (LkSG)

- Facilitating ESG data reporting transparencey
- Compliance with supply chain due diligence regulations

Process improvement enabler

Business Partner Data Management

- Harmonized, complete & quality-checked data
- Reduction of data maintenance costs & improved data actuality

Demand & Capacity Management

- Improved planning reliability & accuracy
- Early detection of problems & ability to avoid capacity bottlenecks reducing costs

Digital Behavior Twin

- Model-based product design & innovative collaboration
- Access to solutions and evaluation procedures fir SMEs

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Further use cases in development

GREEN STEEL FOR EUROPE

Battery Pass

HOW BMW IMPROVES QUALITY

Challenges before

- Labor-intensive, parts-based inspections of components
- Detection of anomalies often only after the failure occurs

Using Catena-X

- Data-driven instead of a parts-based approach
- Early warning analyses based on field data

Result

4 months Earlier Detection

of patterns and anomalies, often before a failure occurs

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www.gestamp.com