

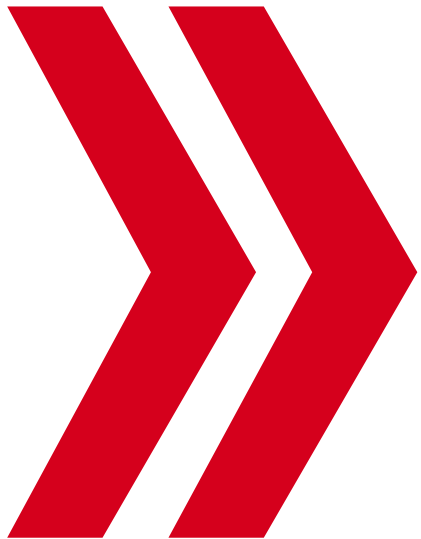
How Catena-X is transforming the automotive industry and its impact on other industries

› Digital Twin Innovation in Manufacturing, Energy & Related Industries 2025

Michael Oldenburger

Porsche Consulting

Today with you



Michael Oldenburger

Senior Manager Porsche Consulting
Smart Factory and Industry 4.0



OUR VISION
**Setting a new standard in
efficiency and transparency
across Supply Chains**

The transfer has begun



BASF **FESTO** **SIEMENS** ...
We create chemistry

FACTORY OUTFITTERS
AND OPERATORS



SIEMENS Healthineers **Roche** ...

HEALTHCARE



AIRBUS ...

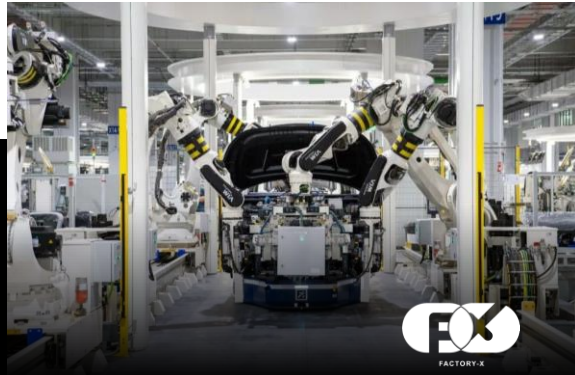
AEROSPACE



Infineon **intel** **MERCK** ...

SEMICONDUCTOR

Cross-industry players have the greatest effect



BASF **FESTO** **SIEMENS** ...

FACTORY OUTFITTERS
AND OPERATORS



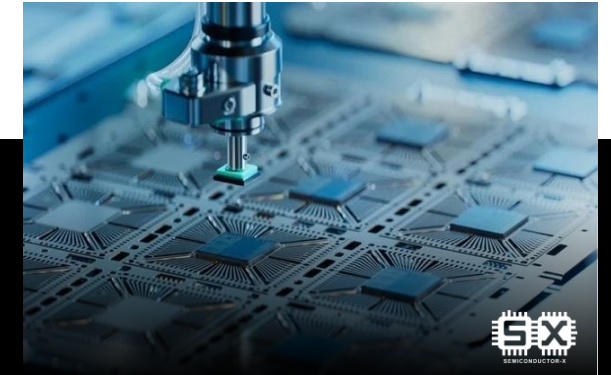
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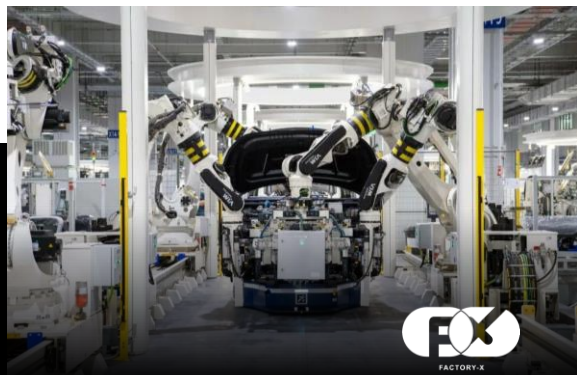
Infineon **intel** **MERCK** ...

SEMICONDUCTOR

PART OF ALL INDUSTRIES

e.g.

Cross-industry use cases fostering efficiencies



BASF FESTO SIEMENS ...

FACTORY OUTFITTERS AND OPERATORS

Modular production

=



SIEMENS Healthineers Roche ...

HEALTHCARE

Modular production

=



AIRBUS ...

AEROSPACE

Modular production

=



Infineon intel MERCK ...

SEMICONDUCTOR

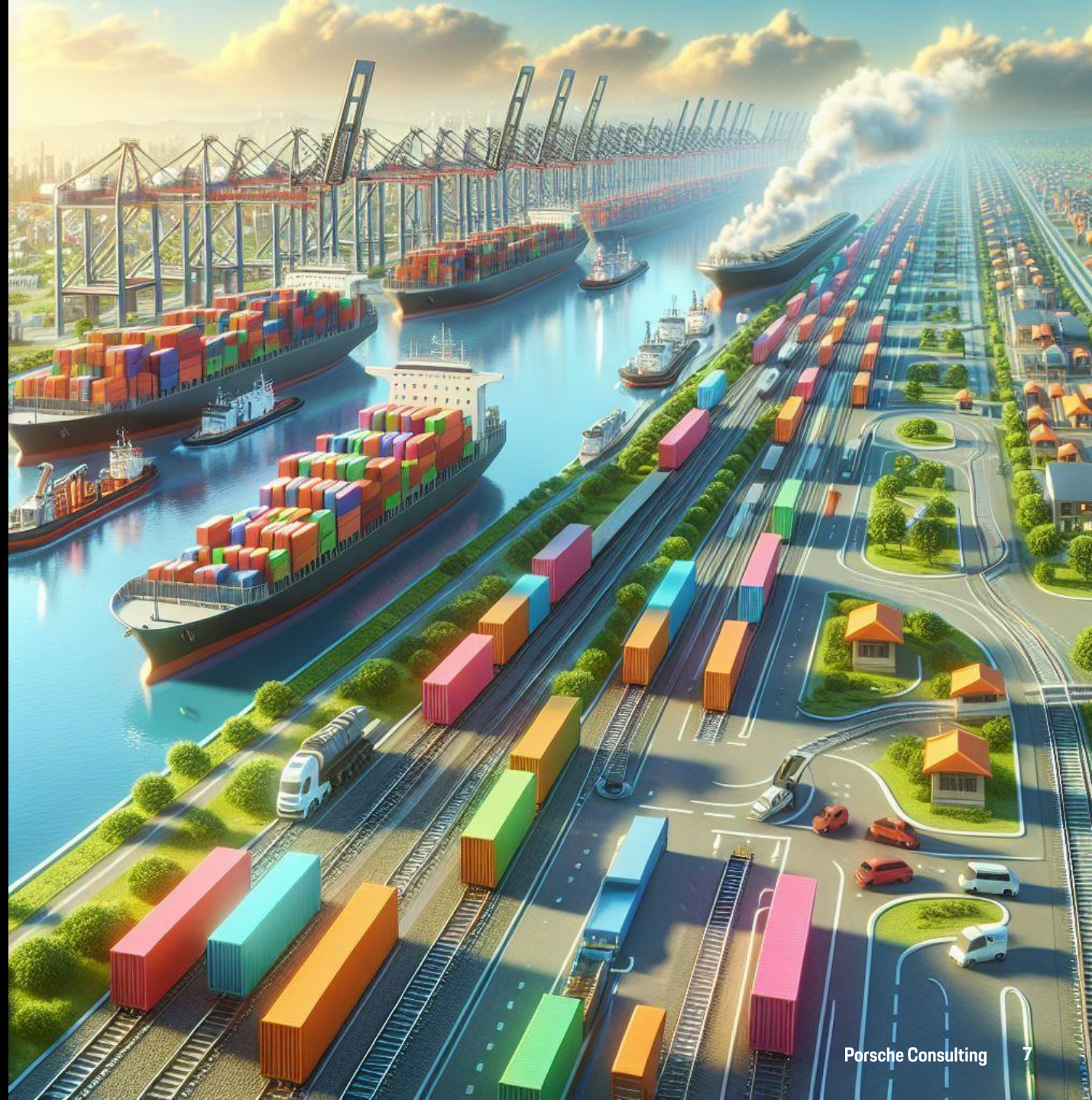
Modular production

PRODUCT CARBON FOOTPRINT

Establish CO₂- transparency across all player withing the value chain



TOO GOOD TO BE TRUE?



Following several success factors ensures success



Onboarding process to lower the entry barrier



Open standards to build a trustworthy data ecosystem



Collaboration at eye level across all players

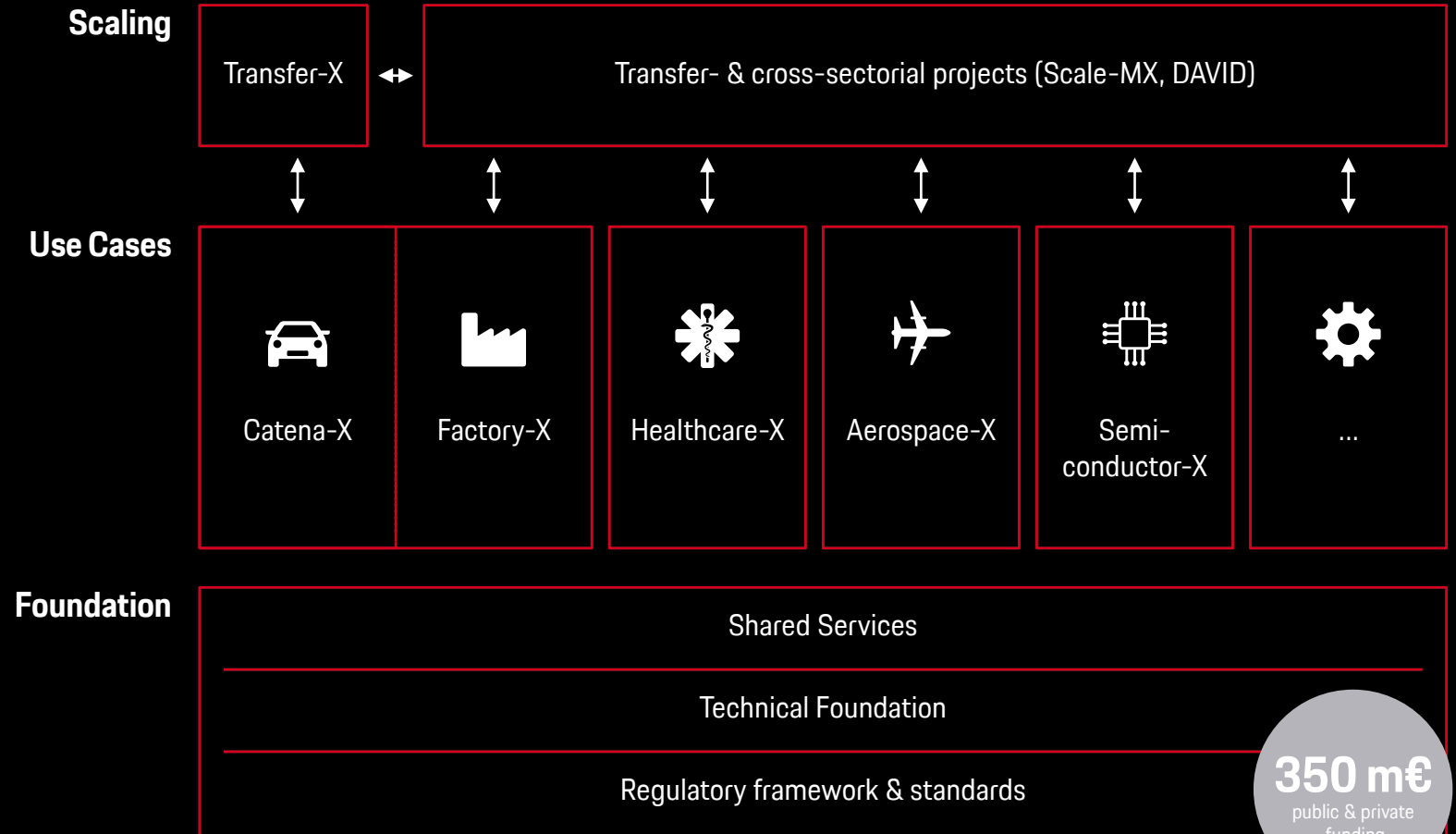


Willingness to share data multilaterally



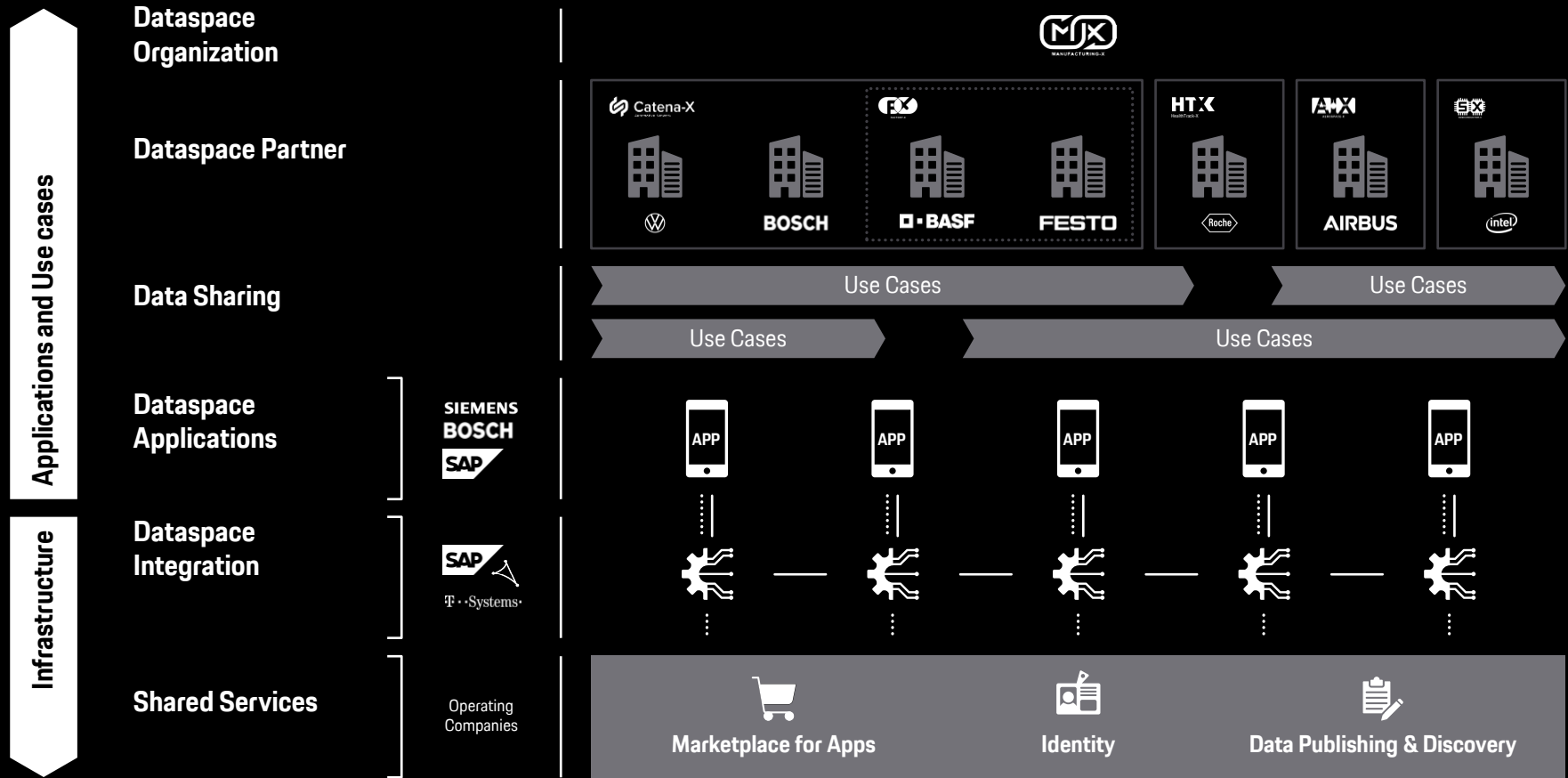
Use cases with focus on cross industry applicability

Cross-industry collaboration takes place at various levels



MANUFACTURING-X

Common architecture ensures cross-industry standards



Highlights

- ✓ Marketplace
- ✓ Open Source
- ✓ Integrators



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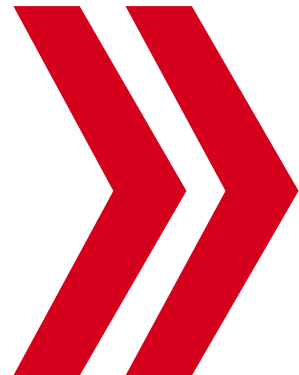




LET'S DISCUSS

Collaboration between Catena-X & the DTC?

**We are happy
to answer your
questions and to
stay in contact**



Michael Oldenburger

Senior Manager Porsche Consulting
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