

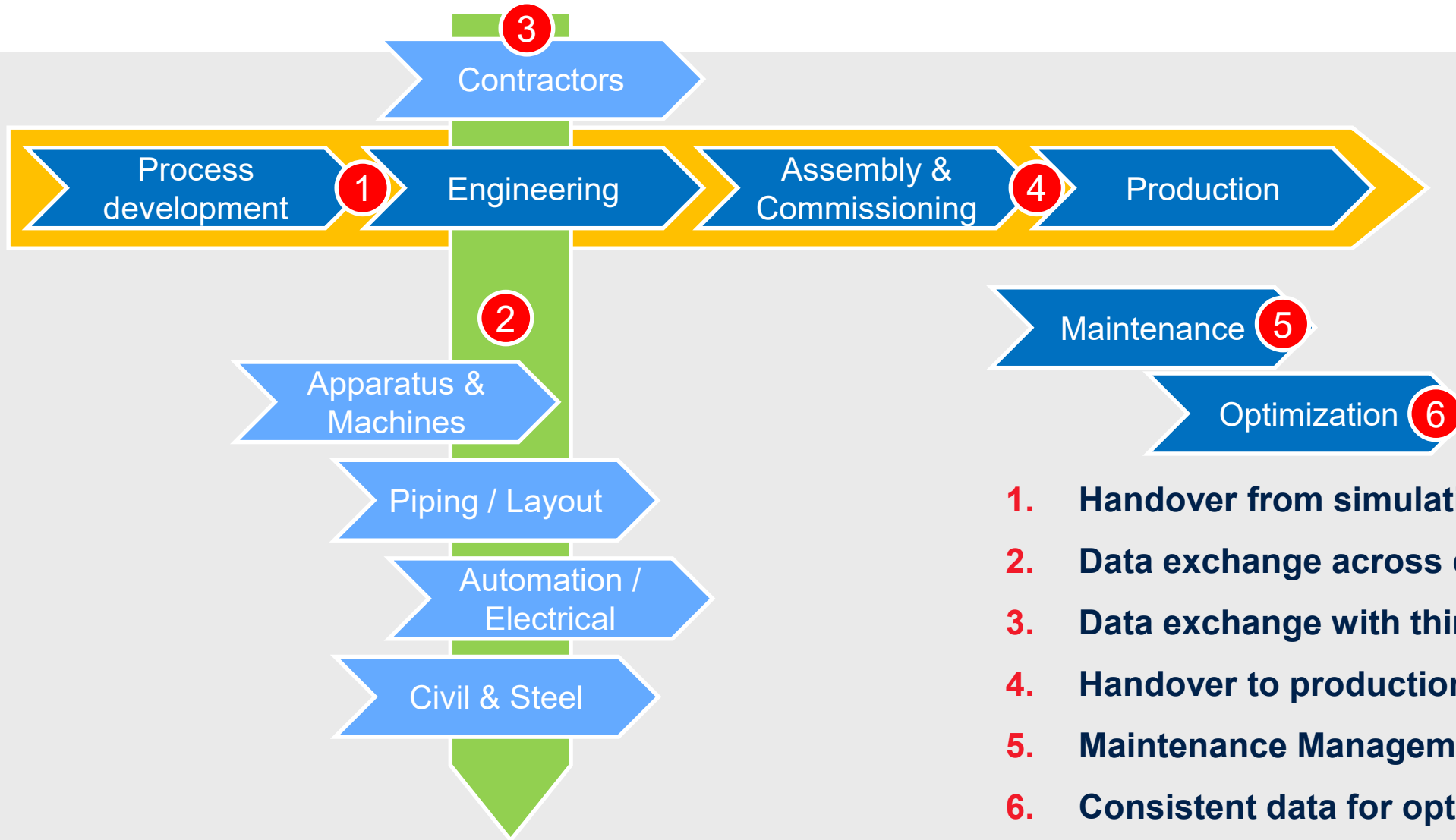


Potential of the Asset Administration Shell for Process Industry

Björn Höper – LTSOFT
Andreas Schüller – YNCORIS

Achema 2024 – 10.06.2024

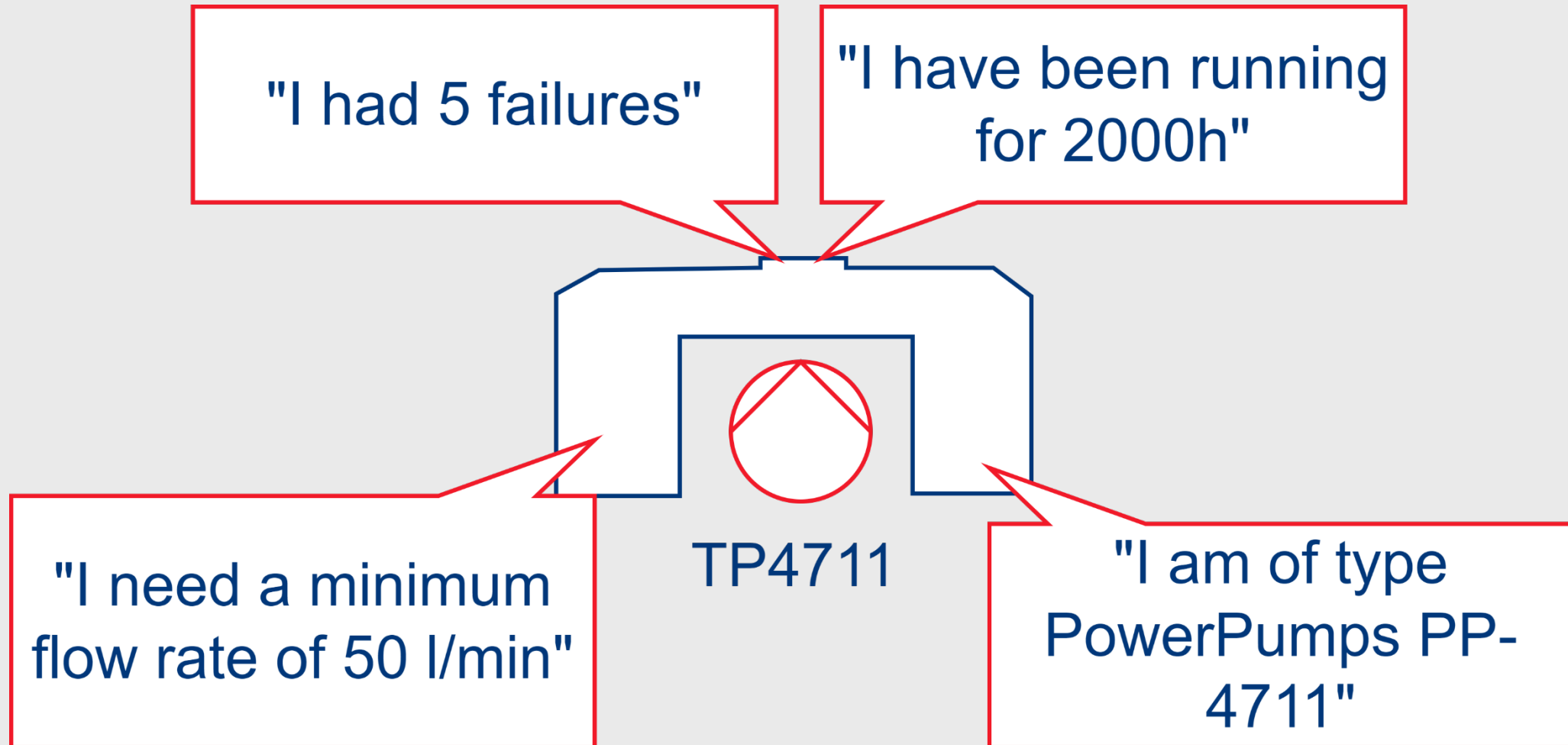
Interfaces and handover along the Asset Lifecycle



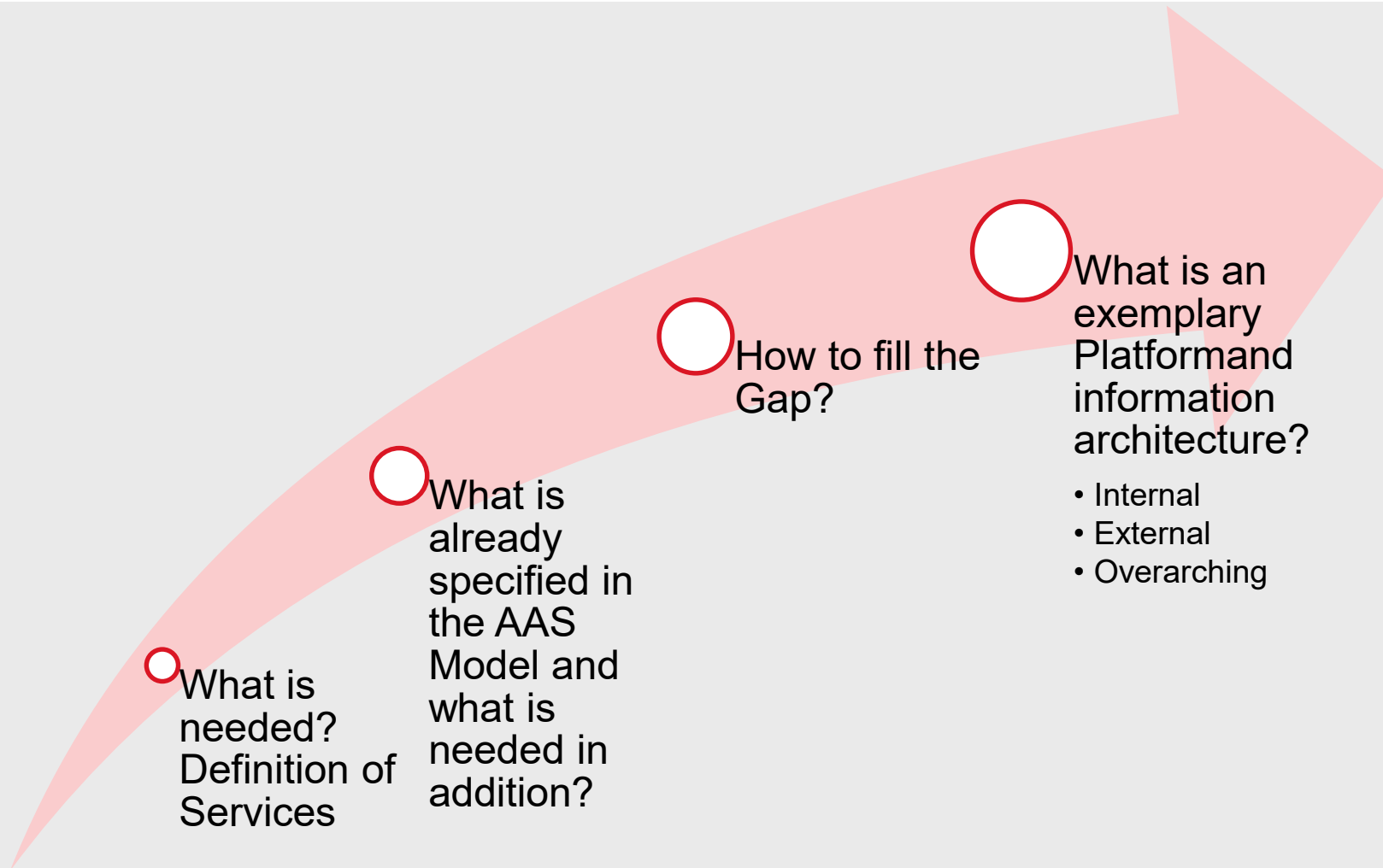
1. Handover from simulation to CAE
2. Data exchange across disciplines
3. Data exchange with third parties
4. Handover to production
5. Maintenance Management
6. Consistent data for optimization

[acc. Otten, Grüner]

AAS has the Potential to be a Hub for Information Exchange along the Life Cycle



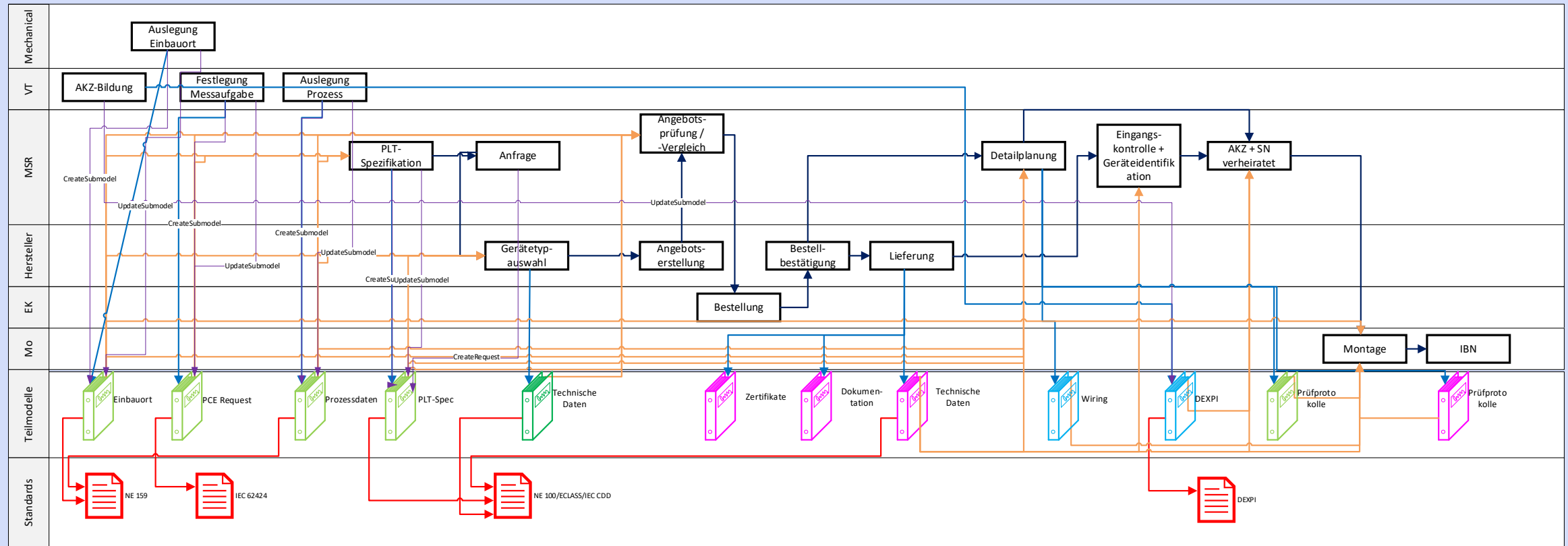
Approach in the Working Group



Use Case 1 – Engineering of a new Pressure Measurement



Neuplanung Druckmessung Wasserkessel



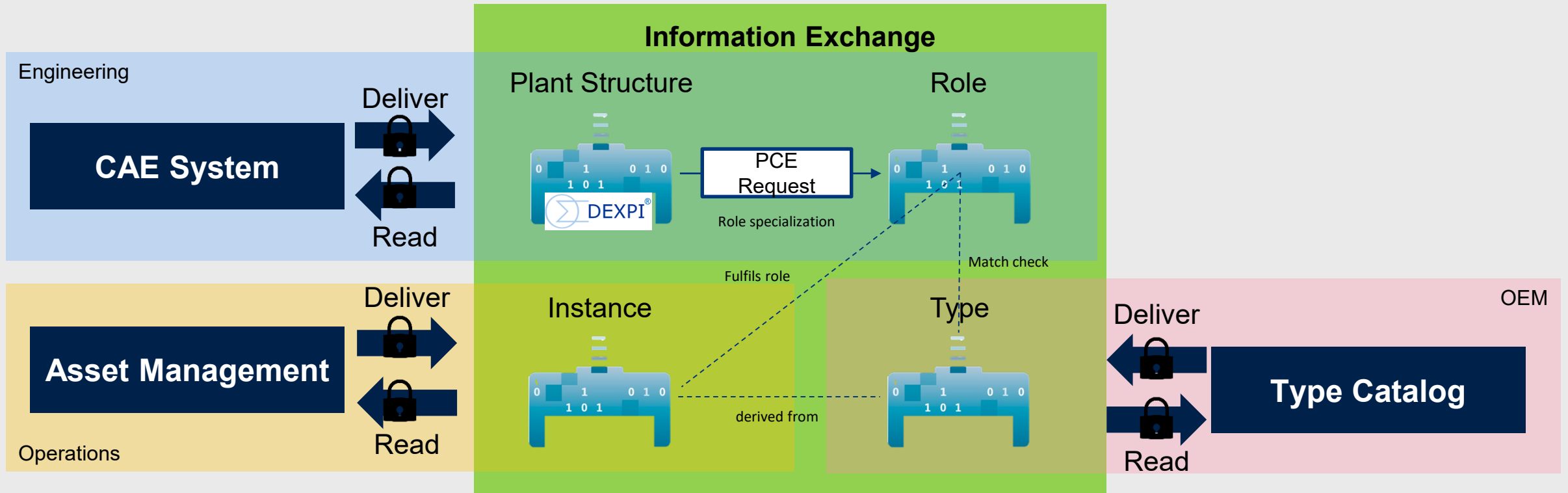
Reminder-Dienst für fehlende Attribute

Freigabe

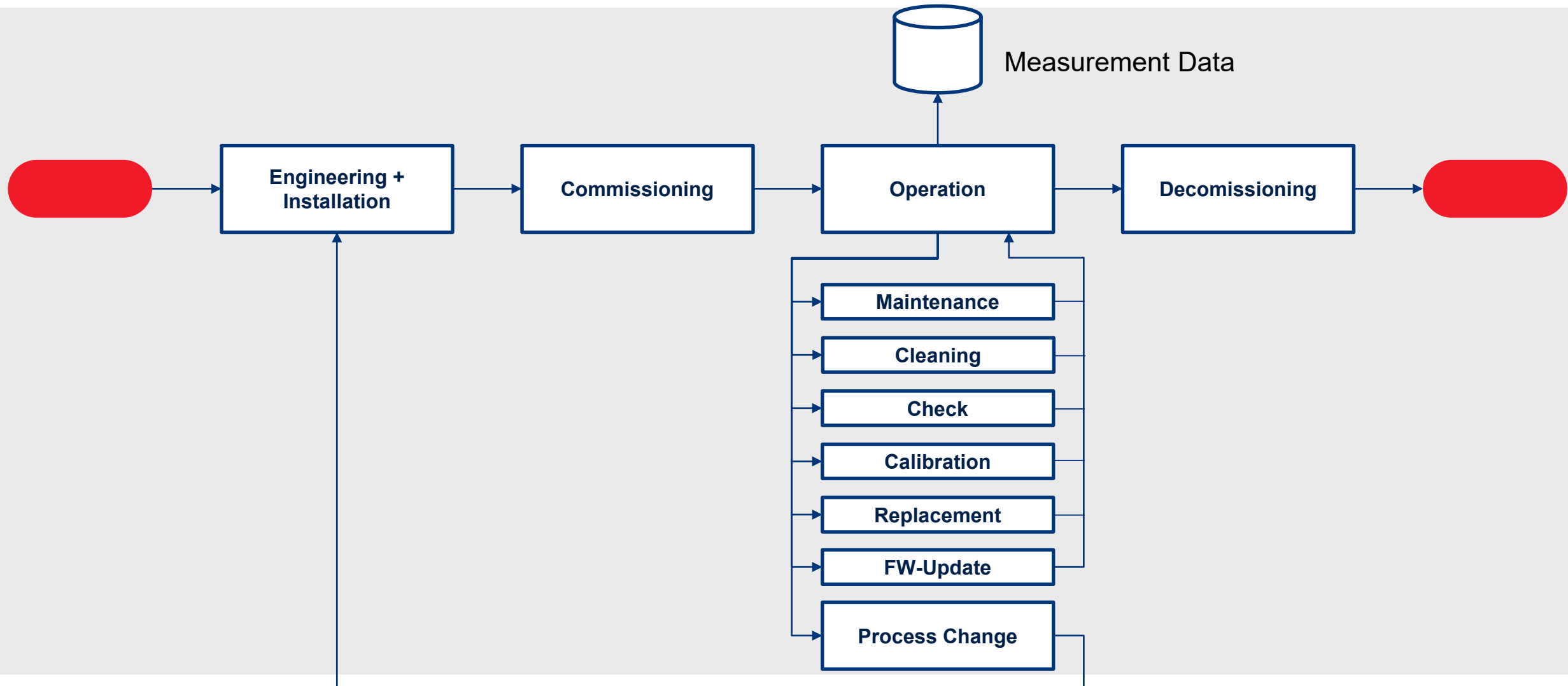
Nutzerverwaltung

Elektronische Signatur

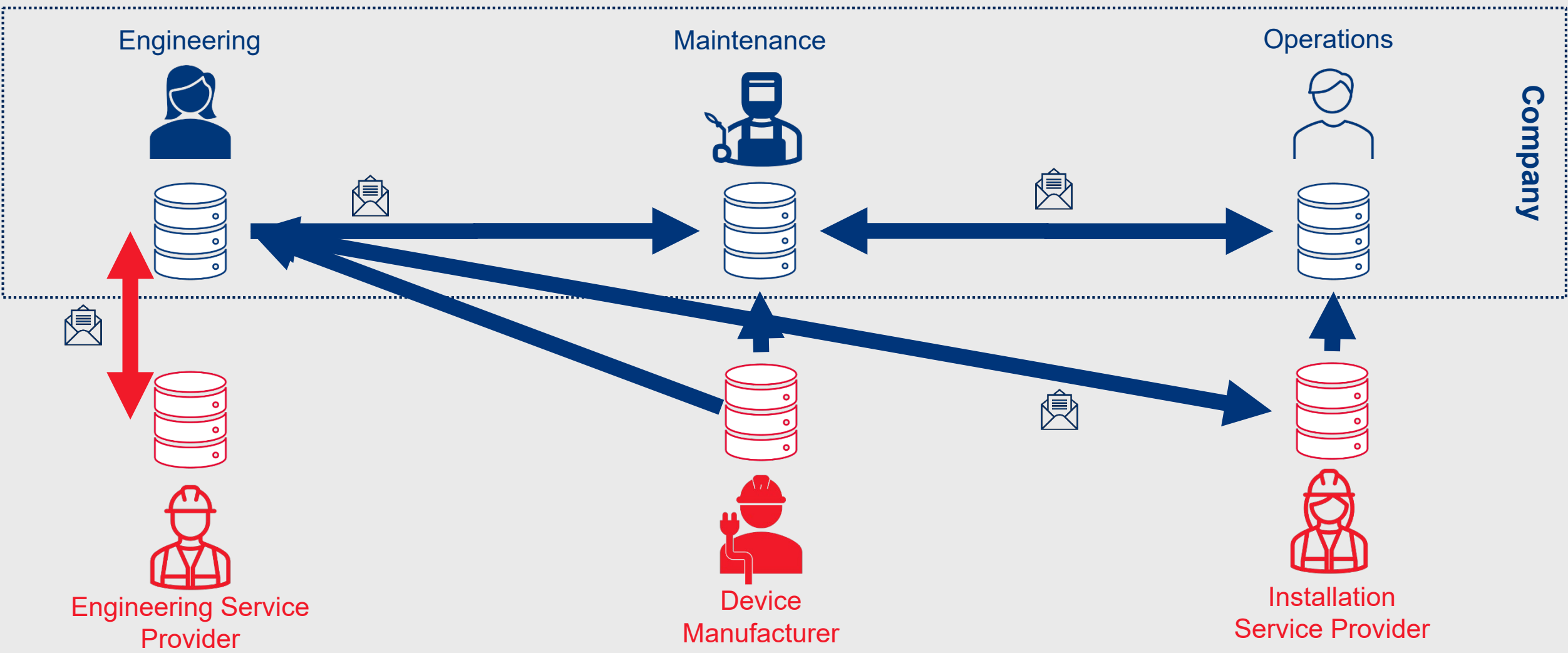
Possible Structure for Information Exchange



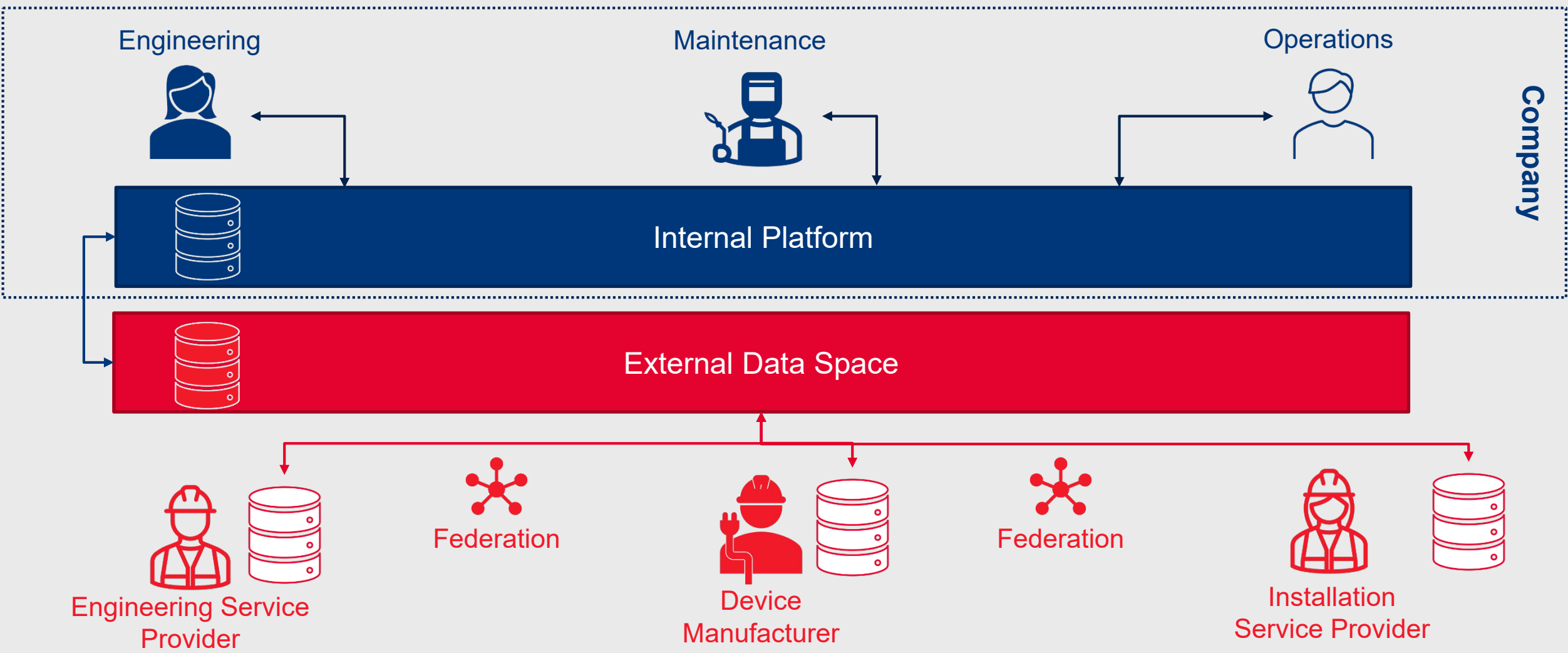
Life-Cycle of Measurement Device / Function



Why Dataspaces?



Why Dataspaces?



Conclusion



- **Deep Dive into the topics of the AAS in the process industry with the talk given by Andreas Schüller (June 13th, 11:30 at NAMUR/ZVEI stage in hall 11, A 43)**
- **NAMUR is working closely with the IDTA to develop and consolidate submodels for use in the process industry**
- **Dataspaces for the information exchange along the value chain of process automation are a topic currently explored in multiple use-cases**
- **Data provisioning in standardized and interoperable formats as the AAS provide huge benefits to all involved parties along the supply chain**

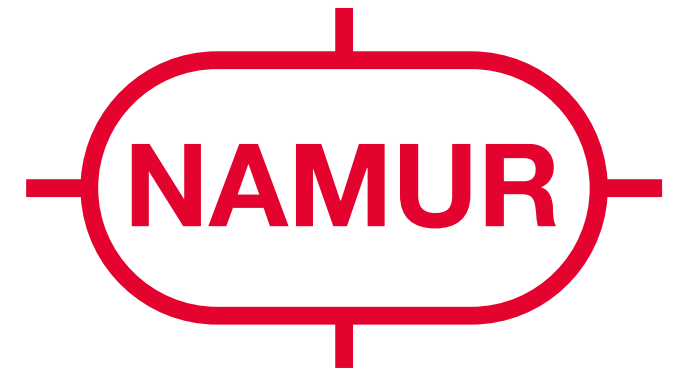
Thank You!



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