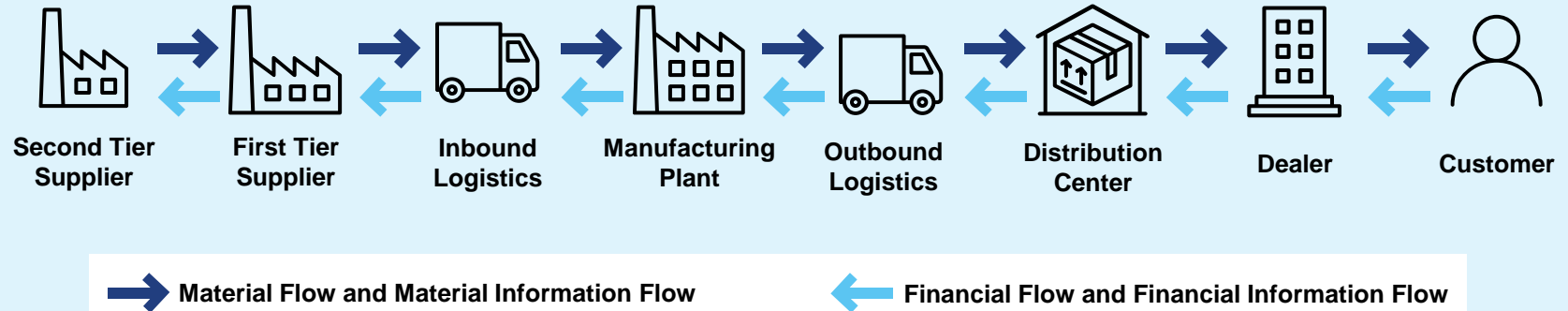


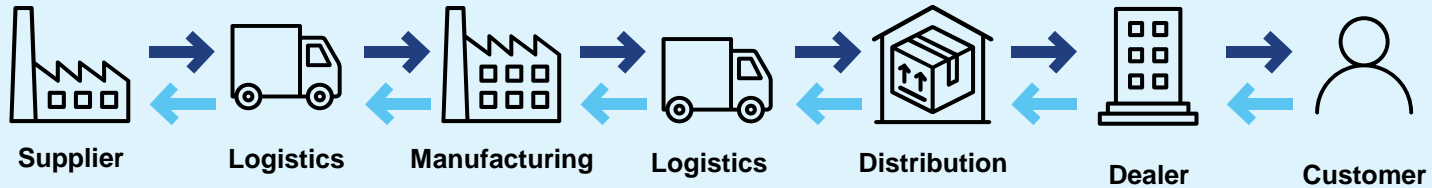
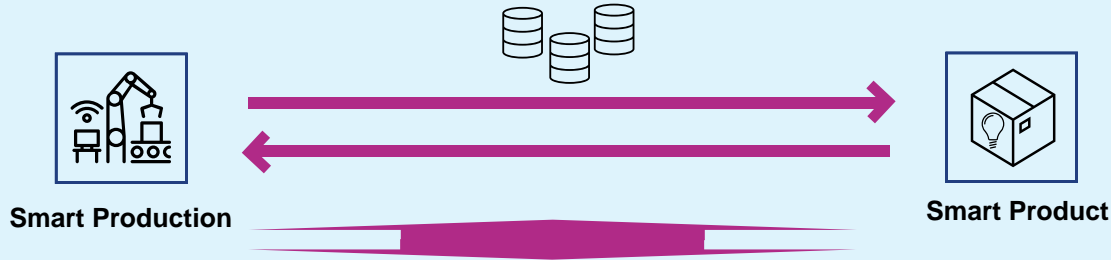


Webinar: Industrial IOT GFT Industry & PlusServer Cloud

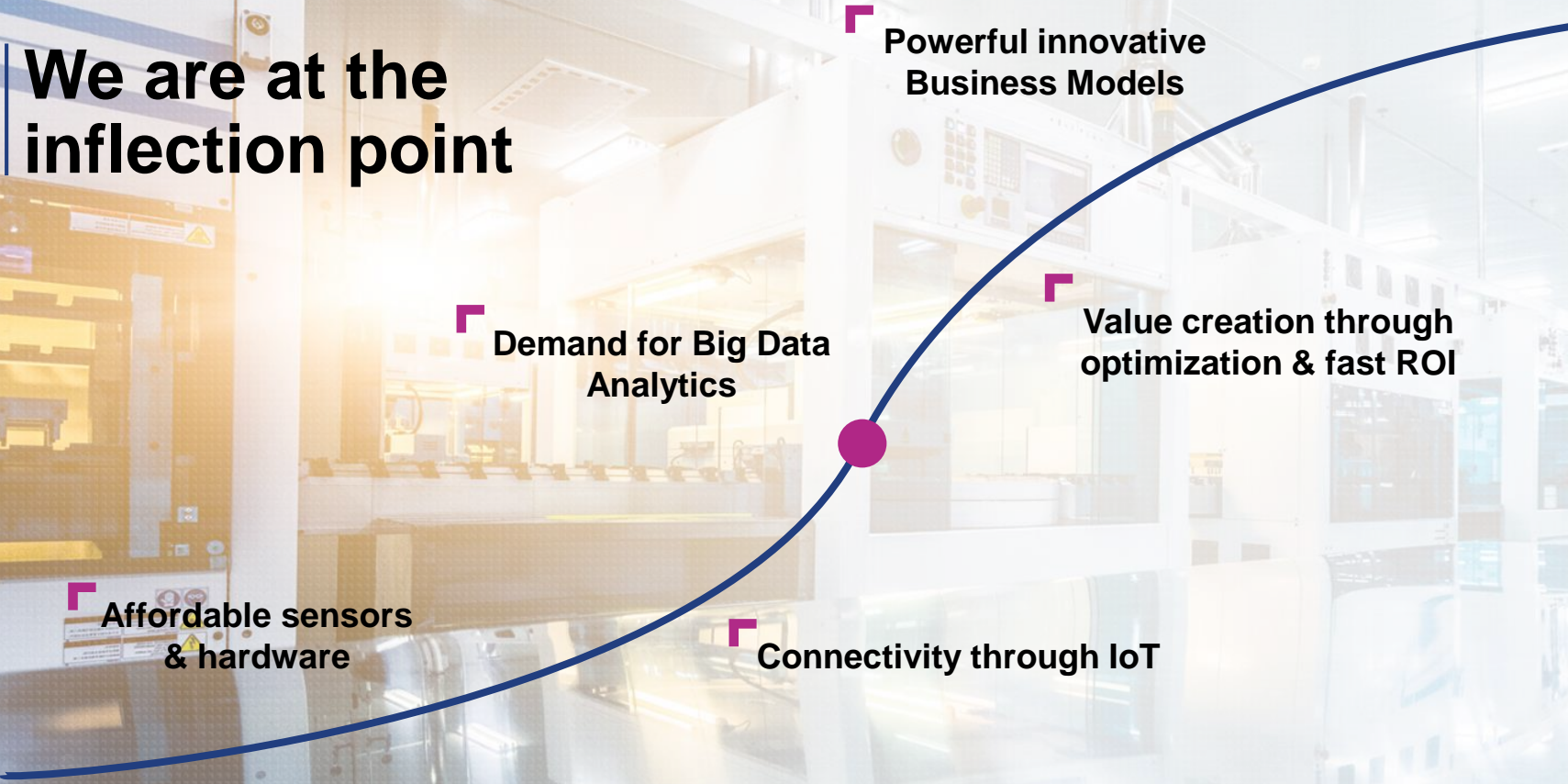
Material and financial value chain



Boundaries between value chains are blurring

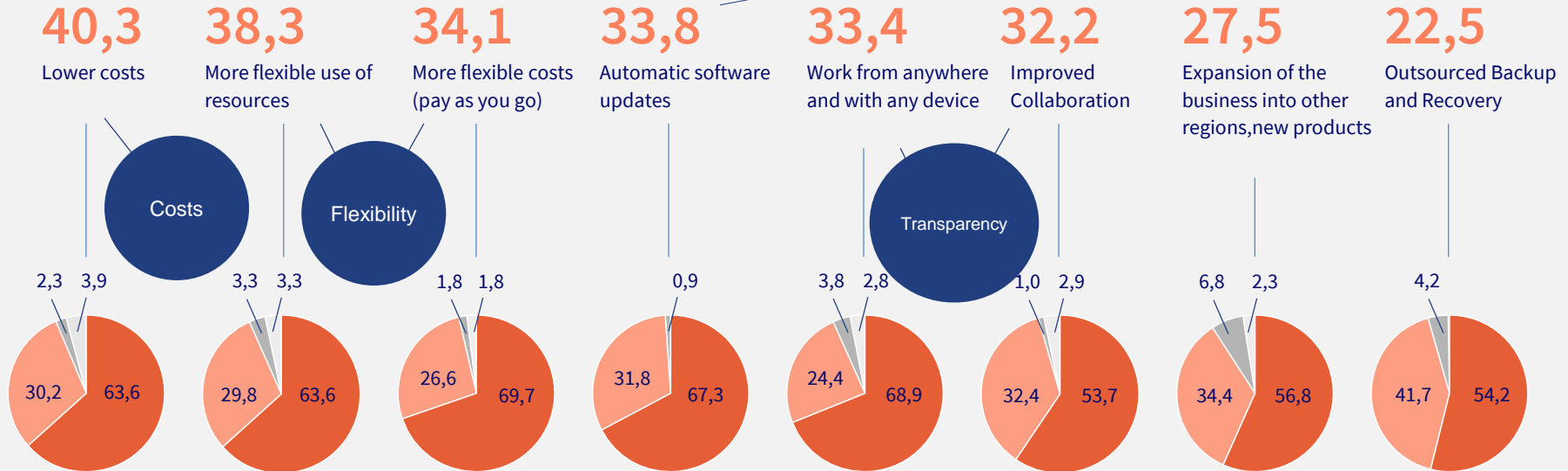


We are at the inflection point



What goals does your company pursue with the use of cloud services?

Figures in percent. Multiple answers possible. The top 8 mentions of 18 response options are shown. Filter Companies that use or plan to use cloud services. Basis n=320



Were the goals you were pursuing with the use of cloud services achieved?

Figures in percent. Multiple answers possible. Filter Companies that use or plan to use cloud services. Basis n = 72-129

■ Yes
 ■ Only partially
 ■ No
 ■ Don't know

Hybrid Cloud - Operations

BENEFITS:

- Global holistic view
- Global benchmarking
- Global decision support

GLOBAL MANAGEMENT

Dashboards / KPI Visualization
 Big Data Analytics / AI
 Scenario Calculation / Forecasting



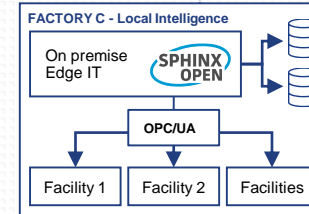
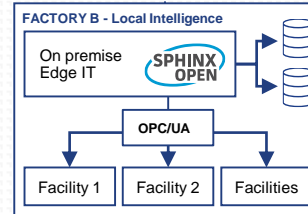
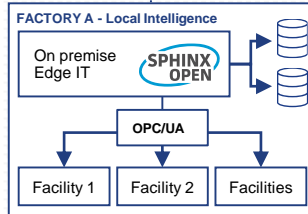
CLOUD

HTTPS

INTERNET

BENEFITS:

- Optimized cost
- High availability
- Data Privacy
- Local control



ON PREM / EDGE

Decoupling the physical and digital world

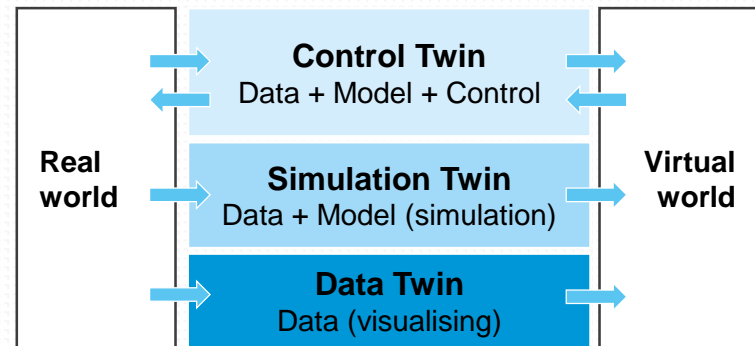
Real World
(collect data – execute decisions)



Digital Twin
(test – simulate - forecast)

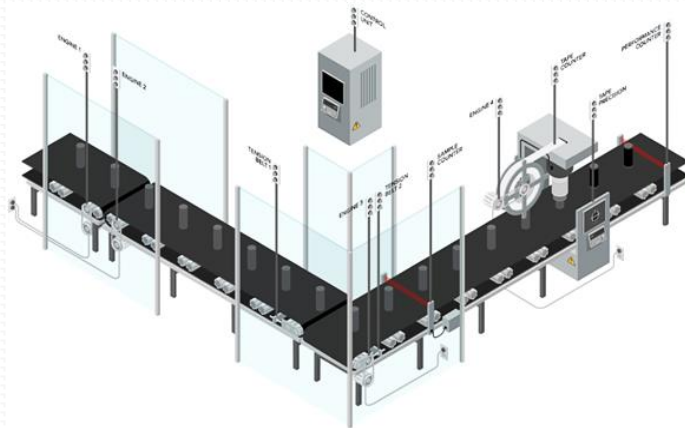
What is a Digital Twin

- **A virtual representation** of physical devices / processes
- **Containing all relevant information** about use, object and process
- **Analysis, Prediction, Collaboration** for decision making and gaining knowledge
- **Merging reality with digital world** of interdisciplinary models
- **Problem solving and innovation** on a digital level



Digital Twin vs. Process Twin

- **Digital twin:** virtual instance of a single physical device for simulation, analysis and management of the equipment.
- **Process twin:** combination of multiple digital twin devices and their relationship to the process.

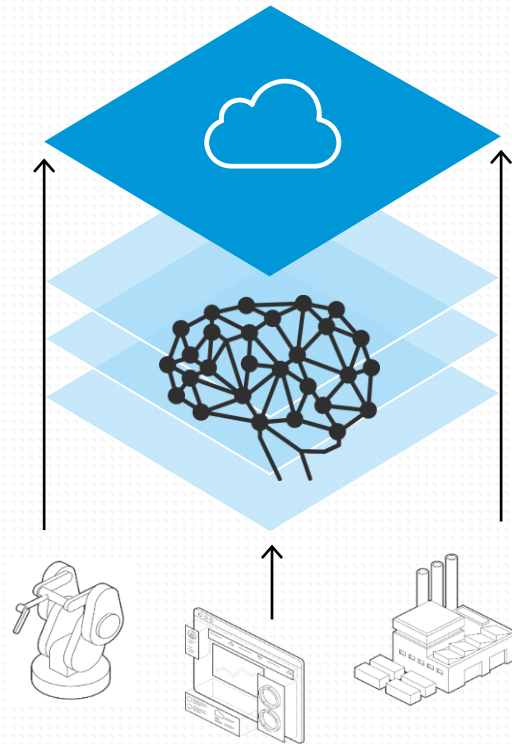


Physical production line (equipment)



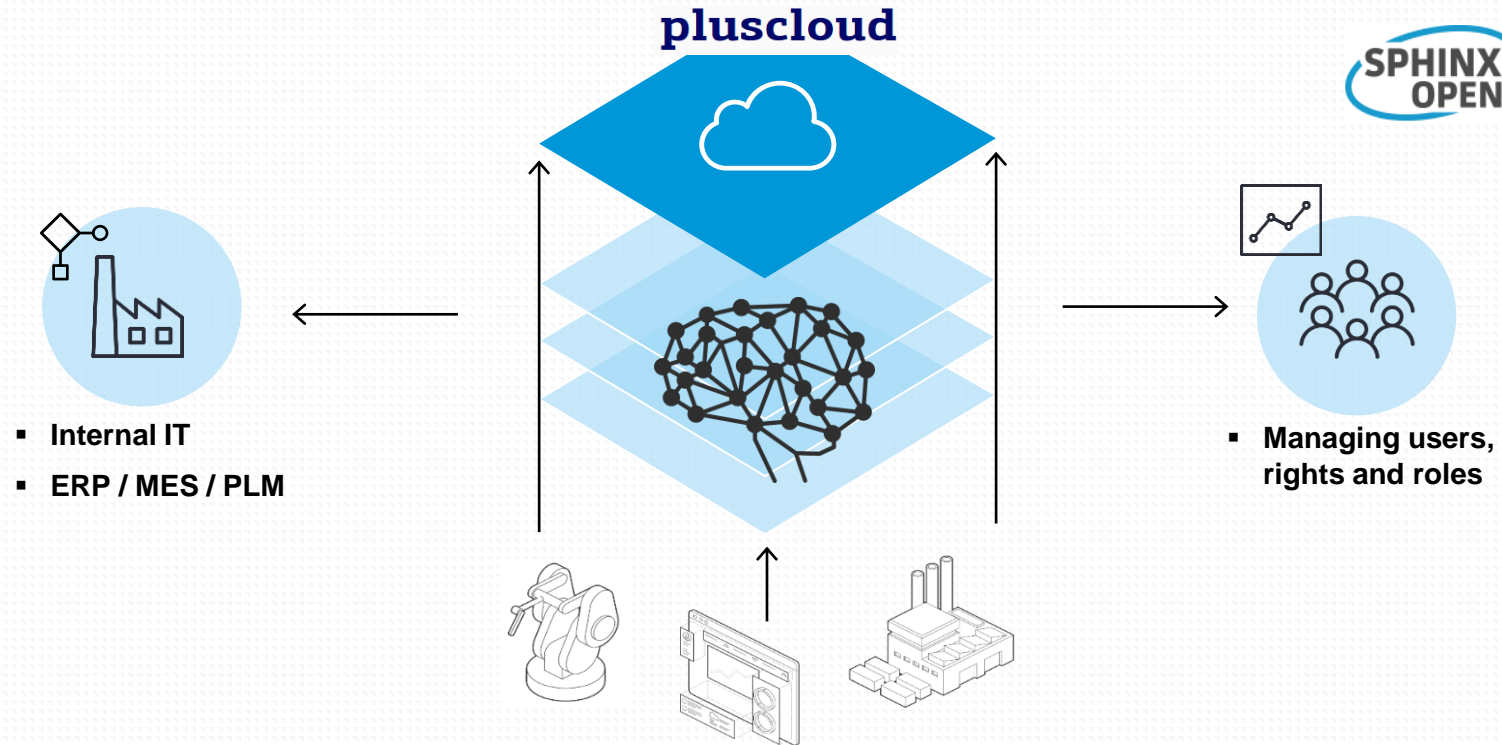
Virtual production line (process)

Vertical integration of relevant data sources

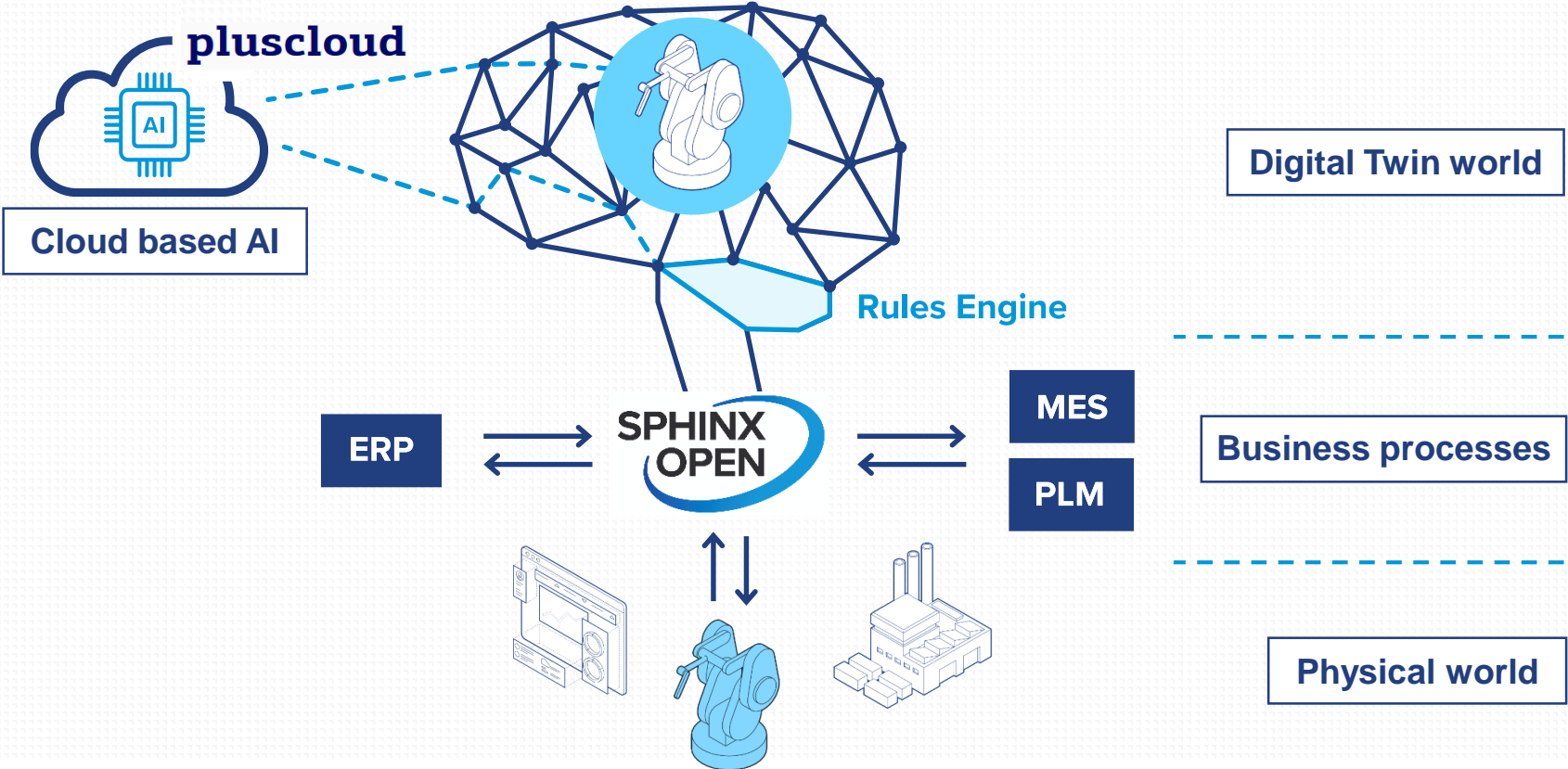


- Sensors
- Machines
- Devices

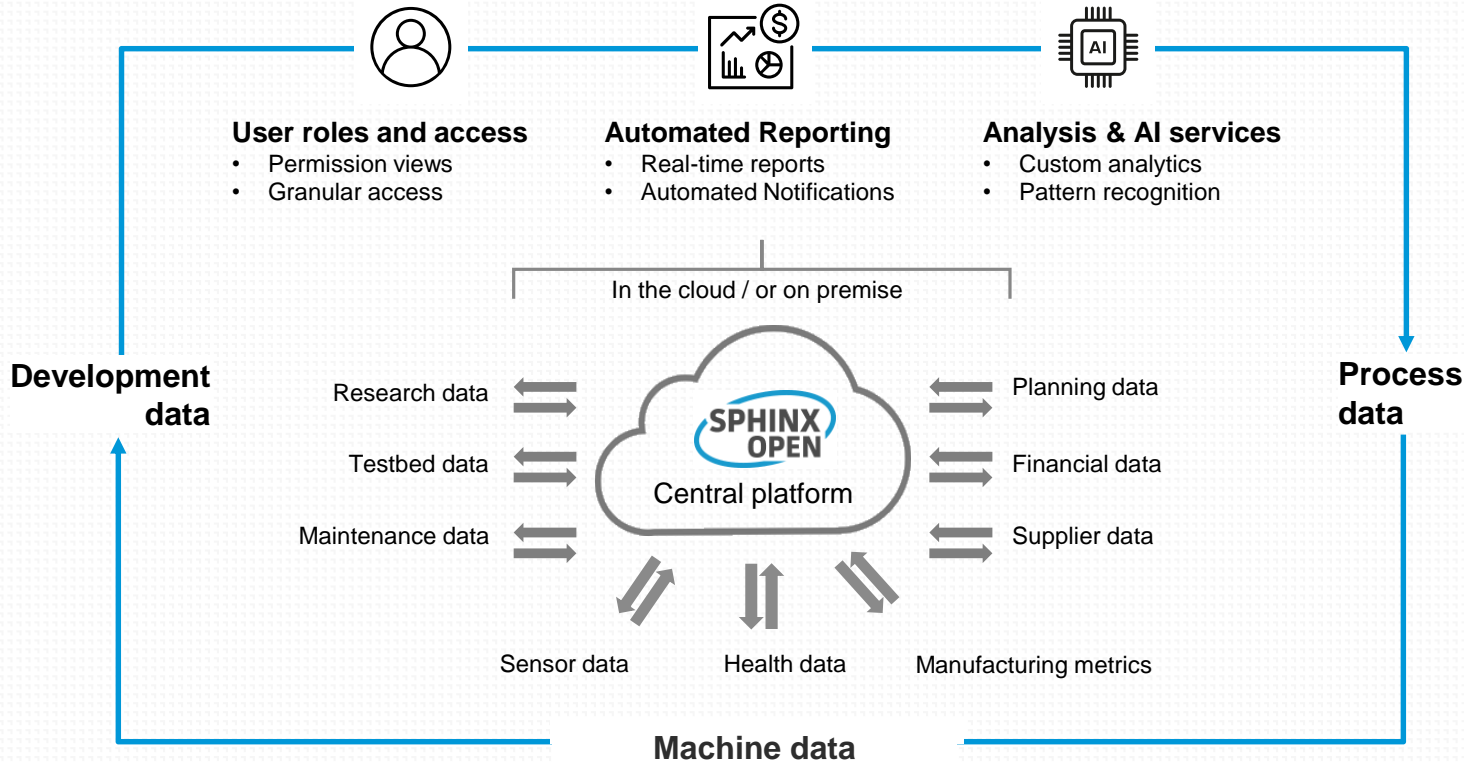
Horizontal integration of processes and user management



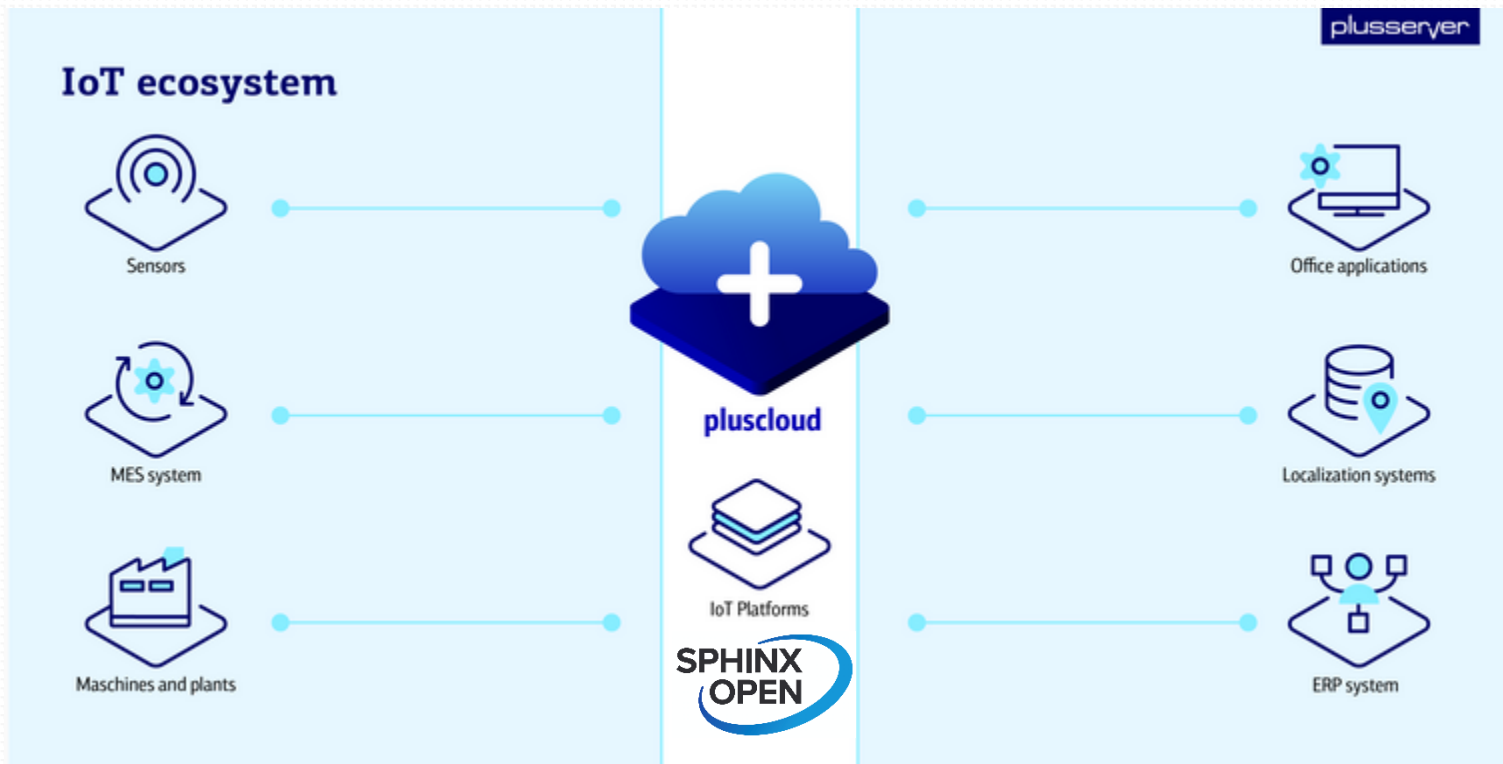
Using AI capabilities from the cloud for advanced analytics



Central data platform collecting all relevant information



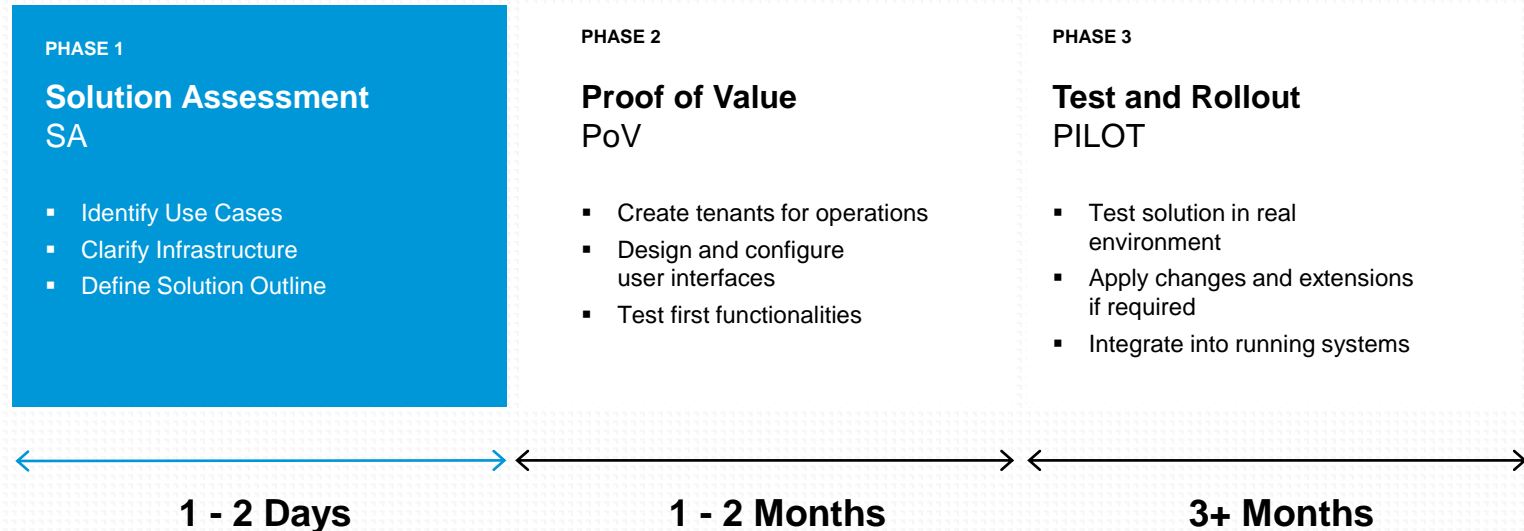
Overview



5 points for secure cloud computing

- 1. Security standards and compliance
 - The owner of the data is responsible for the standards and thus requirements
- 2. Access protection and data separation
 - Recognition of (admin) access rights, role separation and encryption
- 3. Identity- und Access-Management
 - Account management, access rights and auditing of services
- 4. Availability and network connection
 - Business processes of companies dependent on the availability of the cloud
- 5. Provider change and migration
 - Export the data distributed in the cloud, securely delete it and be able to import it into the cloud of a possible new provider

Our Approach: Moving forward - from PoV to production



More Details ?



Experience our IoT platform

Get to know the IoT platform in the pluscloud in detail: Simply select your personal demo appointment from the calendar. Our demos are free of charge and without obligation.

[Schedule a demo now](#)

<https://www.plusserver.com/en/products/iot-cloud-platform>

Shaping the future of digital business