

SIMATIC SCADA

core component for OT/IT vertical integration

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SIEMENS DI FA S DSS SCADA

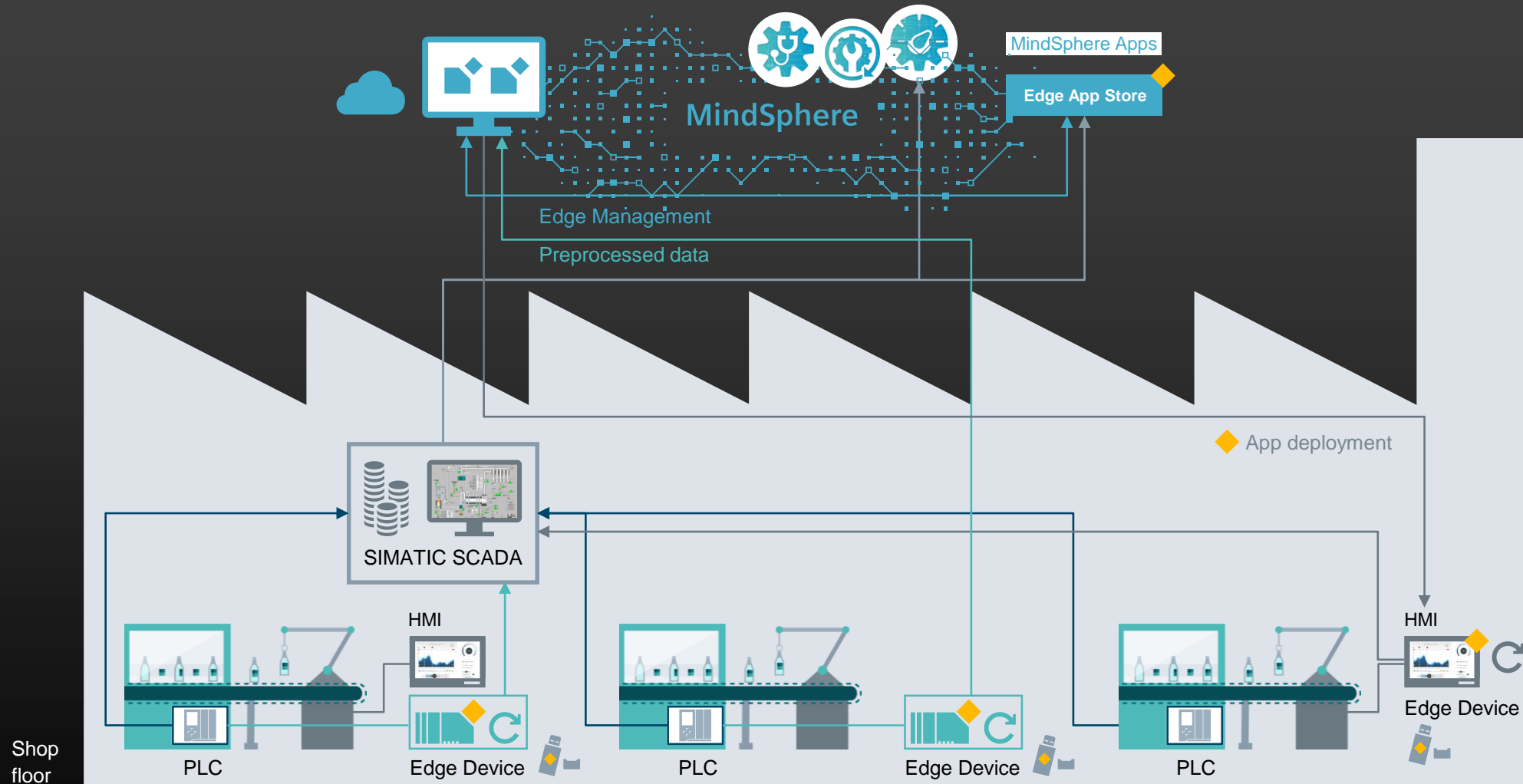
OT to IT @ vertical integration

Technologies & requirements



OT to IT @ vertical integration

The Big Picture



SIMATIC SCADA Systems

Totally connected. Totally digitalized

1

Connect your data

Process and transfer selected data

2

Combine your knowledge

Transparent Operation to increase productivity (on premise / cloud based)

3

Digitalize your business

Interface to business solutions (e.g. MES/MIS/MOM/ERP systems)



SIMATIC SCADA – connect your data

Process and transfer selected data

1

- **Combine, bundle and archive data**

Complete view of production, energy and industry-typical historical and real-time data – for solid decisions connectivity

- **Vertical integration of data (on-premise)**

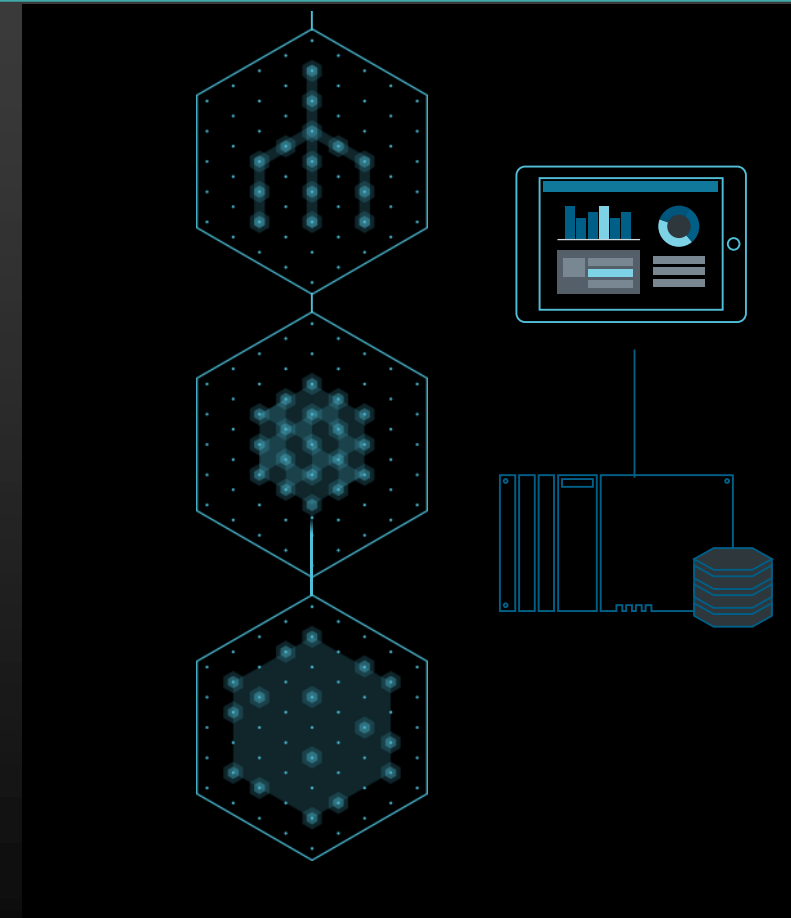
SIMATIC SCADA systems provide:

- ✓ real time processing (big data to smart data e.g. KPI's)
- ✓ data connectivity from/to other SCADA & Edge systems
- ✓ optimized interfaces to IT systems (MIS - MES/ERP – MOM)

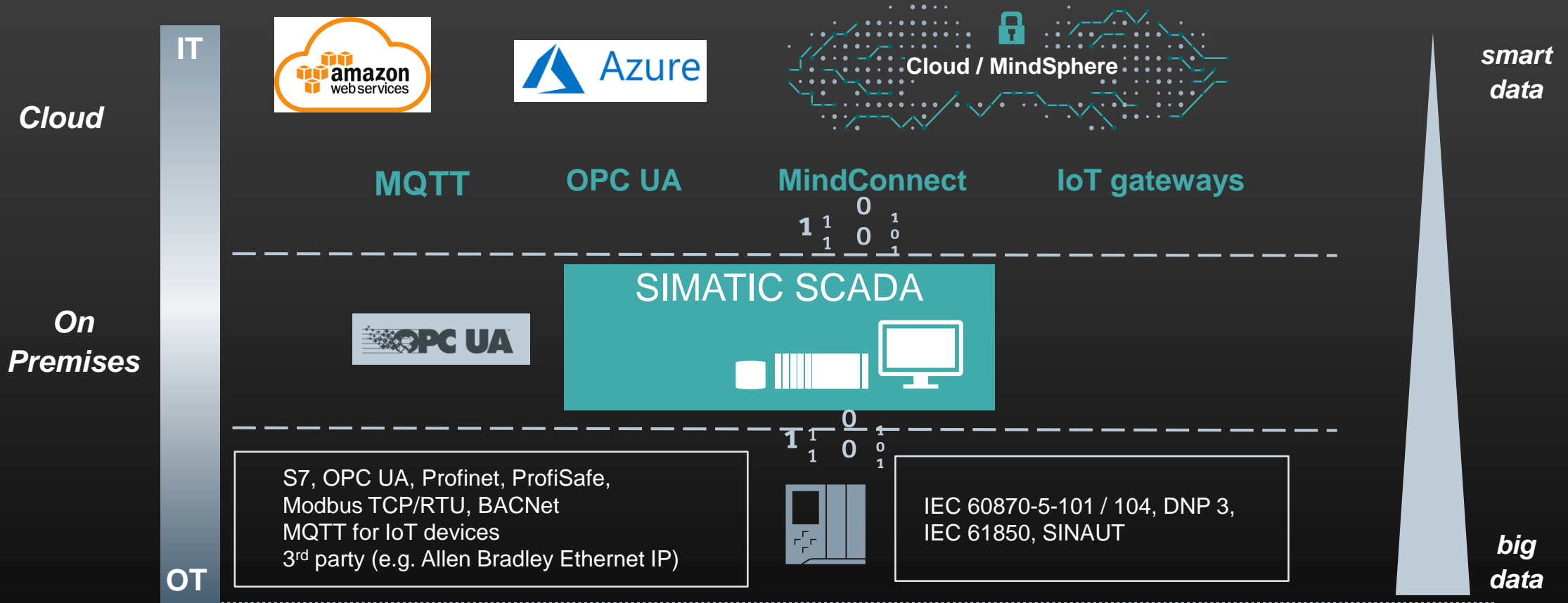
- **Vertical integration of data (cloud)**

SIMATIC SCADA systems provide:

- ✓ Real time processing (big data to smart data e.g. KPI's)
- ✓ optimized transfer of selected data to cloud applications



SIMATIC SCADA Systems OT/IT Connectivity to Cloud

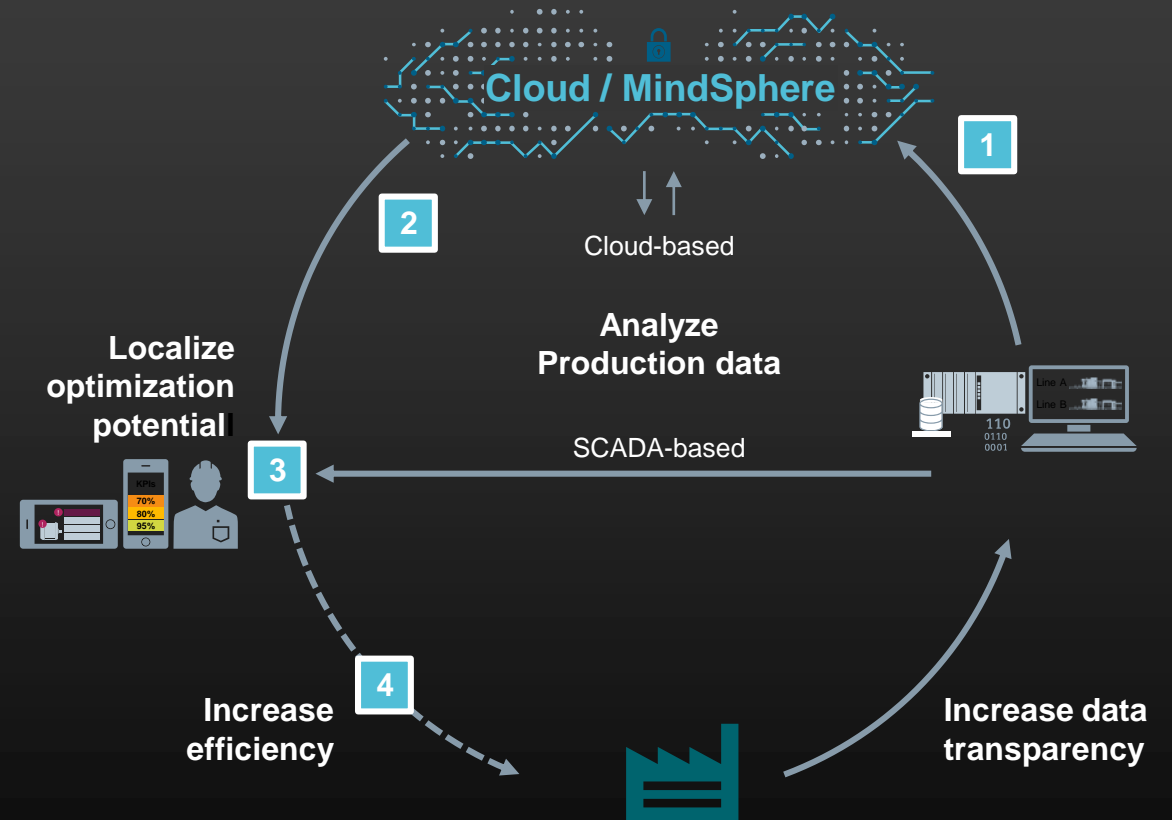


SIMATIC SCADA – combine your knowledge Transparent Operation

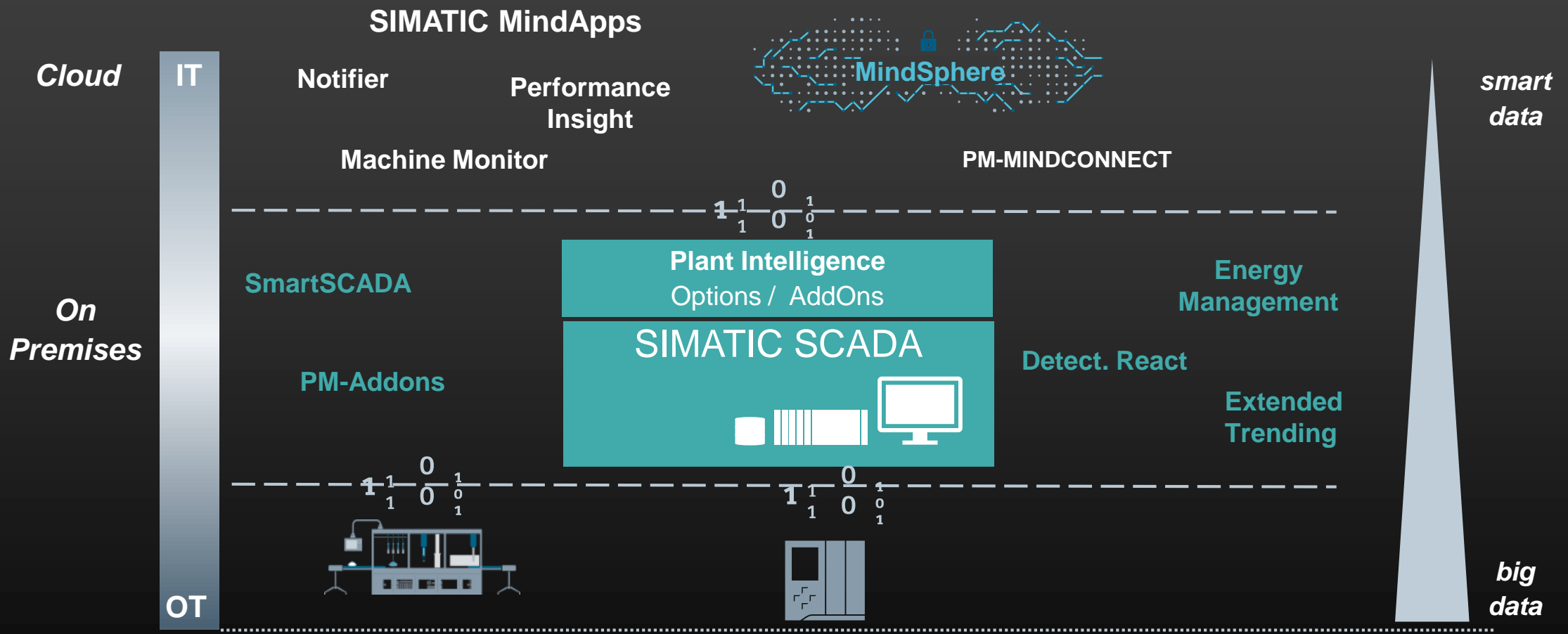
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WinCC Professional - WinCC V7 - WinCC Open Architecture

- 1 Global transparency of production- & energy data, as well as non-automation data
- 2 On premise or cloud-based analysis of „big data“ to identify optimization potential
- 3 Detailed root-cause evaluation by means of cloud-based analysis for solid decisions
- 4 Increased production efficiency, due to e.g. change of setpoint values



SIMATIC SCADA – combine your knowledge Transparent Operation



SIMATIC SCADA - Digitalize your business Interface to business solutions

3

- **Optimize processes**

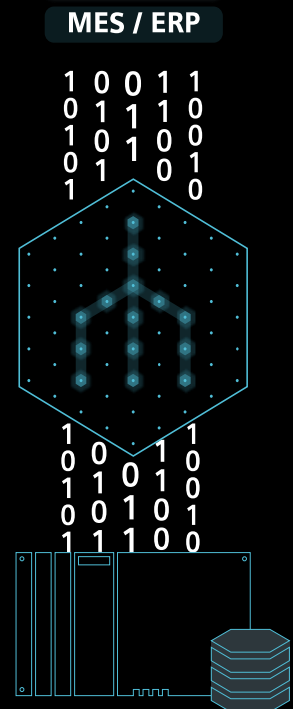
Seamless integration of production with management systems (SAP/ERP)
e.g. receive orders from production planning or exchange quantity & quality data with order management

- **Vertical integration of data (OT/IT)**

Real time data processing and optimized data transfer of selected data
to higher-level MES/MOM systems

- **On-premise company solutions**

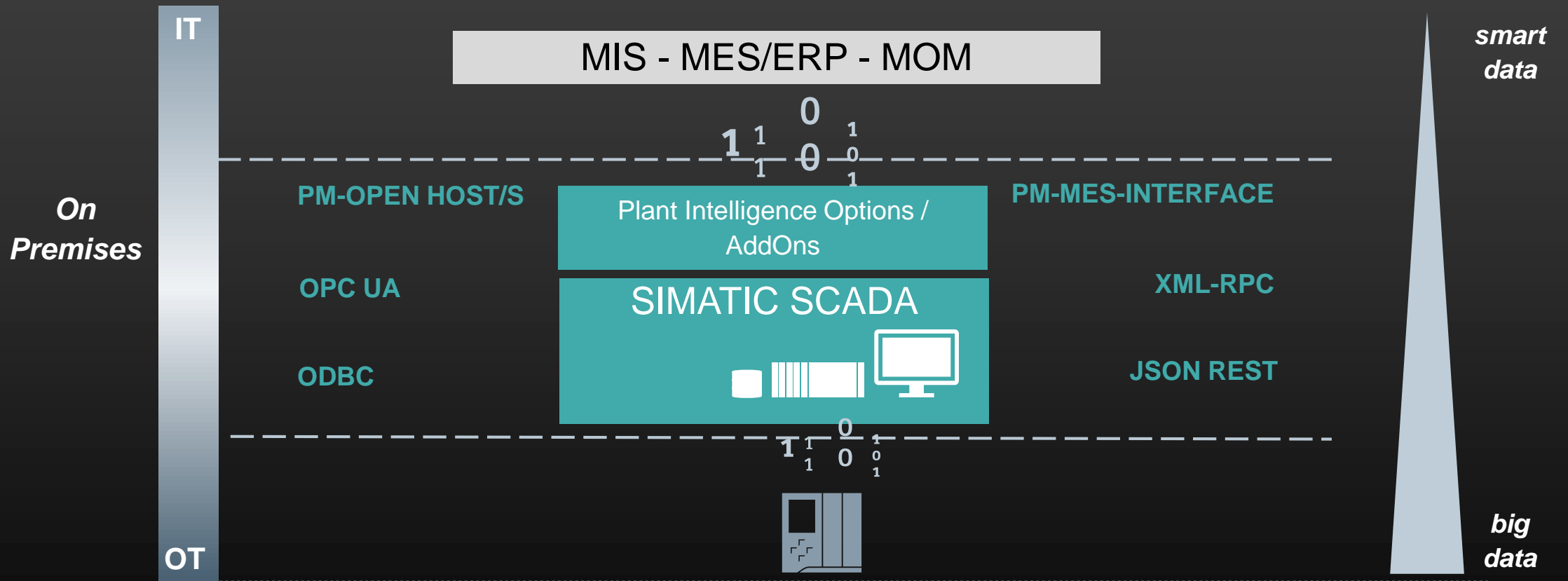
Linking production process to MIS
e.g. central maintenance planning, material management or central documentation center



SIMATIC SCADA - Digitalize your business

Interface to business solutions

3



SIMATIC SCADA Systems

Totally connected. Totally digitalized

1 Connect your data

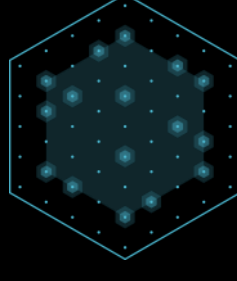
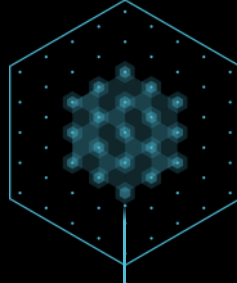
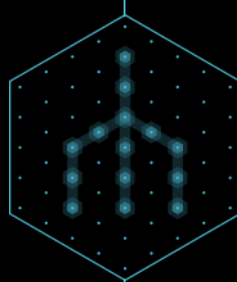
Gateway OT / IT up to cloud-solutions

2 Combine your knowledge

Transparent Operation to increase efficiency (on premise / cloud based)

3 Digitalize your business

Interface to business solutions (e.g. MES/MIS/MOM/ERP systems)



Accuracy



Efficiency



Quality



Flexibility



Availability



Security

SIMATIC SCADA - Digitalize your business

Visit us at the SPS fair

26th – 28th of November 2019

Nuremberg / Germany

SIMATIC SCADA Lounge

on top of the

SIEMENS booth

in the Frankenhalle

