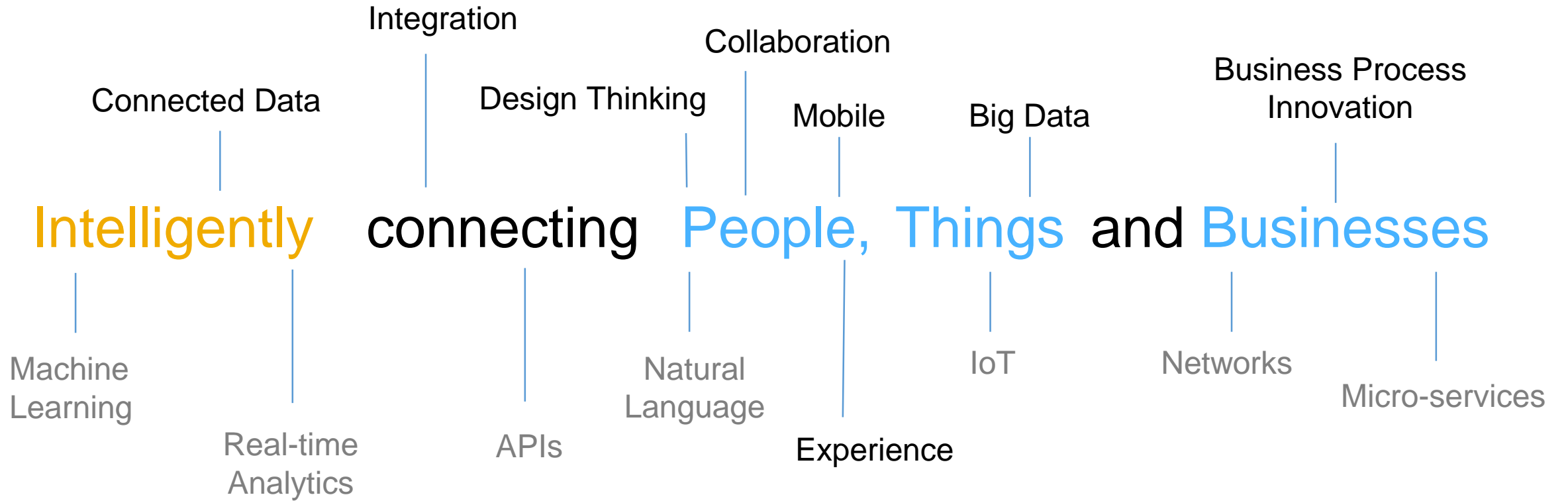


SAP Leonardo Connecting Things with People and Processes

Edgardo Cepeda, SAP

6 de Julio de 2017





The logo for SAP Leonardo is centered within a blue rounded rectangle. It features the word "SAP" in a bold, white, sans-serif font with a registered trademark symbol (®) to its right. To the right of "SAP" is the word "Leonardo" in a white, sans-serif font.

SAP Leonardo

*The **digital innovation system** that enables you to **innovate at scale** to confidently redefine your business.*

Leonardo

SAP Leonardo
Technologies

Design Thinking Services



SAP Cloud Platform

Microservices | Open APIs | Flexible Runtimes | Integration

Multi-Cloud Infrastructure

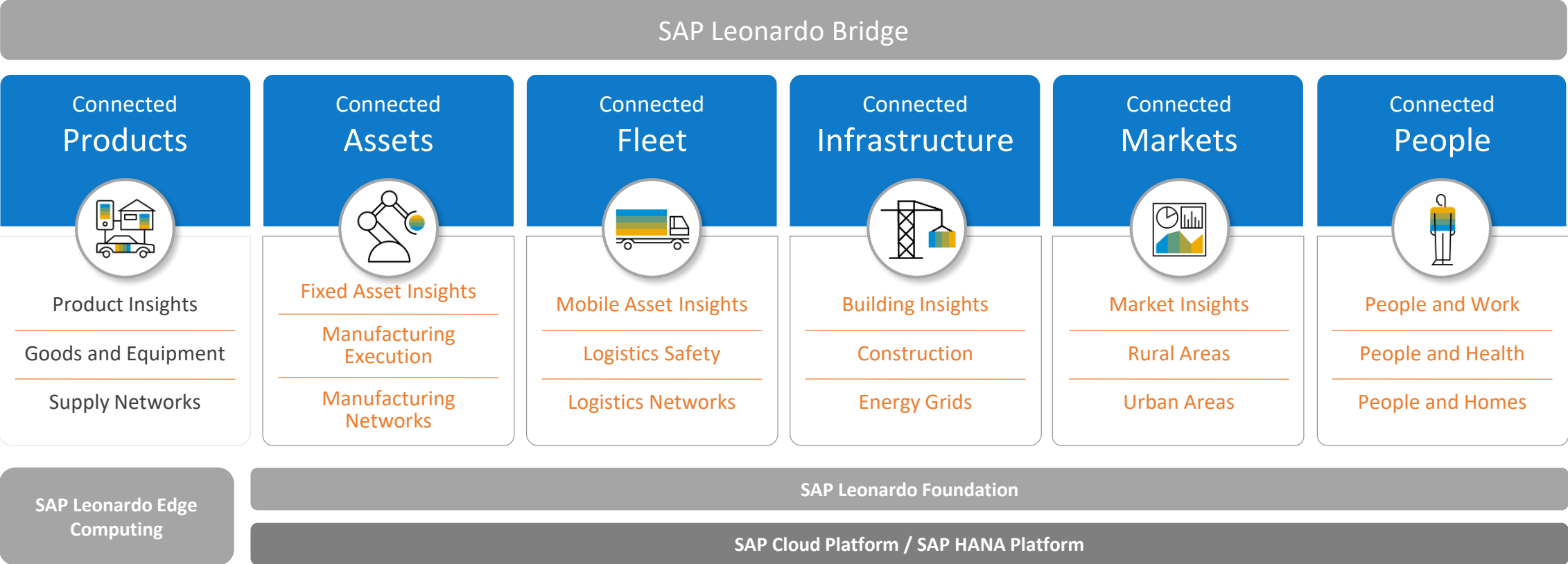
SAP Data Center

 Google Cloud Platform

Microsoft Azure

 amazon
web services

SAP Leonardo Innovation Portfolio

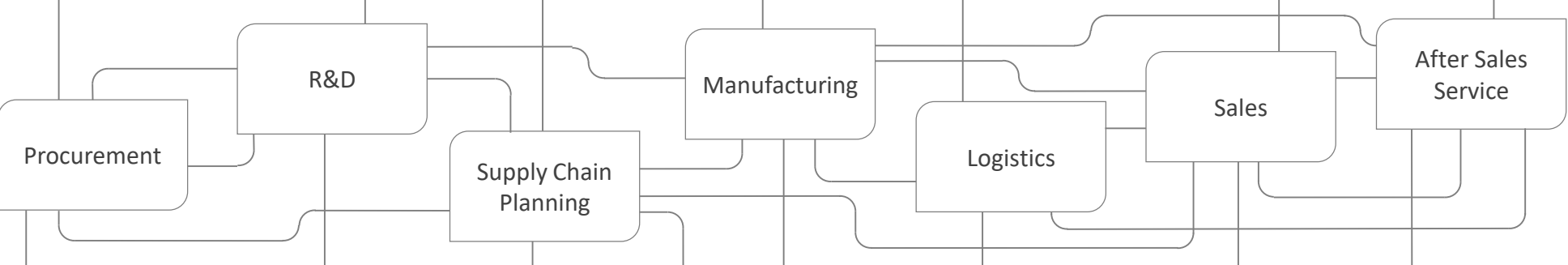


SAP Leonardo & Digitizing Business: The Big Picture

UI Layer (SAP Leonardo Bridge)

PEOPLE

SAP S/4 HANA Enterprise Management – The Digital Core



FROM PROCESSES TO NETWORKS

NEW BUSINESS MODELS

SAP Leonardo Apps

- ✓ Network Log. Hub
- ✓ Connected Goods
- ✓ Track & Trace
- ✓ Connected Mfg.
- ✓ Vehicle Insights
- ✓ Predictive Main.
- ✓ Asset Intelligence Network

SAP Leonardo Edge Computing

SAP Leonardo Foundation

SAP Cloud Platform / SAP HANA Platform

Things / Physical Layer

PRODUCTS "THINGS"

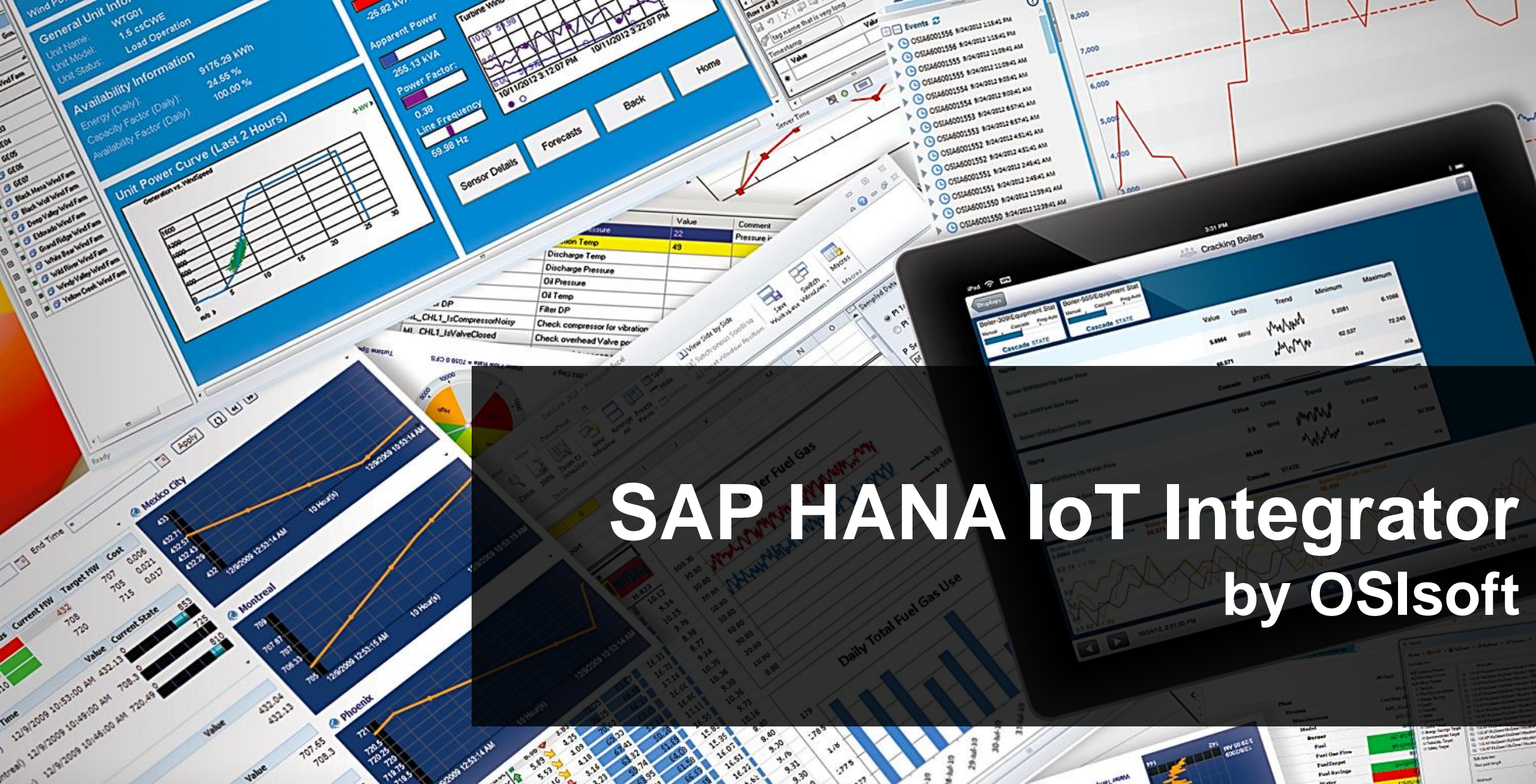
Use Case: Digital Twin



Converging IT and OT for the Internet of Things

- IT data from business applications, and operational (OT) data from machines and smart-devices, often exist in siloes
- Converging IT with OT can lead to new insights in ways that are unachievable using either data source independently

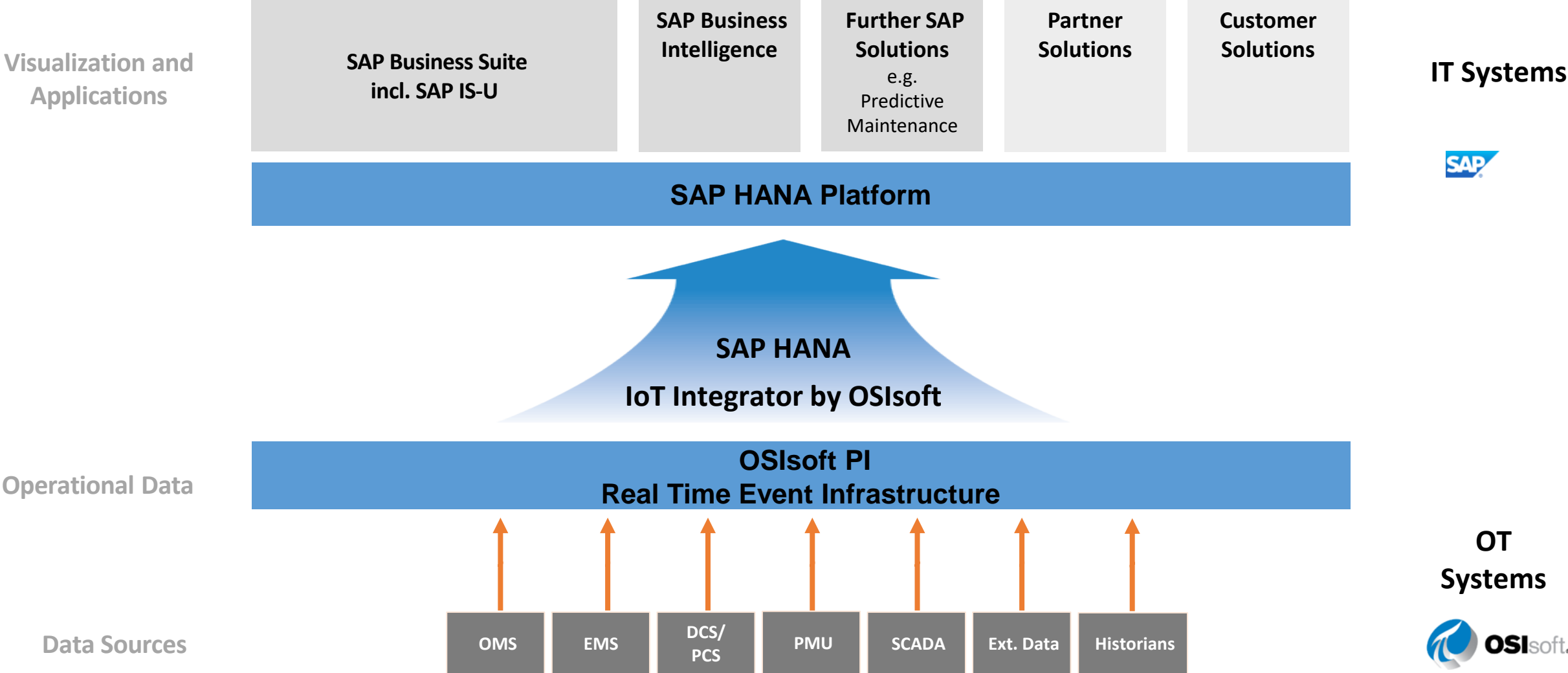




SAP HANA IoT Integrator by OSIsoft

SAP HANA Platform and OSIsoft PI Server

Enable real time IT/OT convergence



from **Things**



Converging IT and OT worlds for Asset Health Monitory - processing 500M sensor records with HANA IoT connector by OSIsoft and SAP IoT Platform

to **Outcomes**

SAP HANA IoT Integrator by OSIsoft

Finding business value in the Internet of Things

Capabilities

- Helps Utilities companies:
 - Enable smart grids
 - Handle volatile renewable energy resources
 - Improve returns on their assets
- Offers additional insights for:

Real-time grid analytics

Leakage and fraud management

Outage prevention and management

Consumption and load analytics

Asset health management and predictive maintenance

Demand response management

Commercial load planning and virtual power plants

Management of wind farms



감사합니다

谢谢

Danke

Merci

Gracias

Thank You

ありがとう

Спасибо

Obrigado