Syscons – Company Profile

Experience the Future Today

SYSCONS

CONNECTED SUPPLY CHAIN SOLUTIONS

Who We Are

SYSCONS
CONNECTED SUPPLY CHAIN SOLUTIONS

Our Customers

Relavant Industry References

- **Ferrero** Worldwide - Planning Integration
- **Campari** Worldwide - Planning Integration
- **Lavazza – Carte Noire** Production Integration
- **Recordati** – S&OP Implementation
- **Ducati** - Industry 4.0
- **Whirpool-Indesit** – Planning Integration

Our Vision

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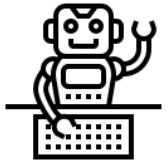
Connected Supply Chain solutions

Deep Dive Business Process Knowledge + Cutting Edge Technologies



Robot Process Automation

Mobile APPs

Enterprise Integration

Industrial Automation

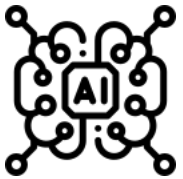
Product & Portfolio Management → **Integrated Planning** → **Scheduling** → **Manufacturing** → **Logistics Execution** → **Industrial & CPG**

Collection Development → **Show Room & Open to Buy** → **Manufacturing & Supply Management** → **Allocation** → **Logistics Execution** → **Fashion & Retail**

Cloud Re-platforming

Data Insights

IoT



AI & ML

Our Offering- Application Area

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Supply Chain

- ❑ Sales & Operation Planning
- ❑ Demand & Forecasting
- ❑ Inventory Optimization
- ❑ Supply Chain Control Tower
- ❑ Supply Chain Execution

Manufacturing

- ❑ Advanced Planning & Scheduling
- ❑ Product Design & Formulation
- ❑ Manufacturing Operations
- ❑ Edge Computing & IIoT

Platform & Integration

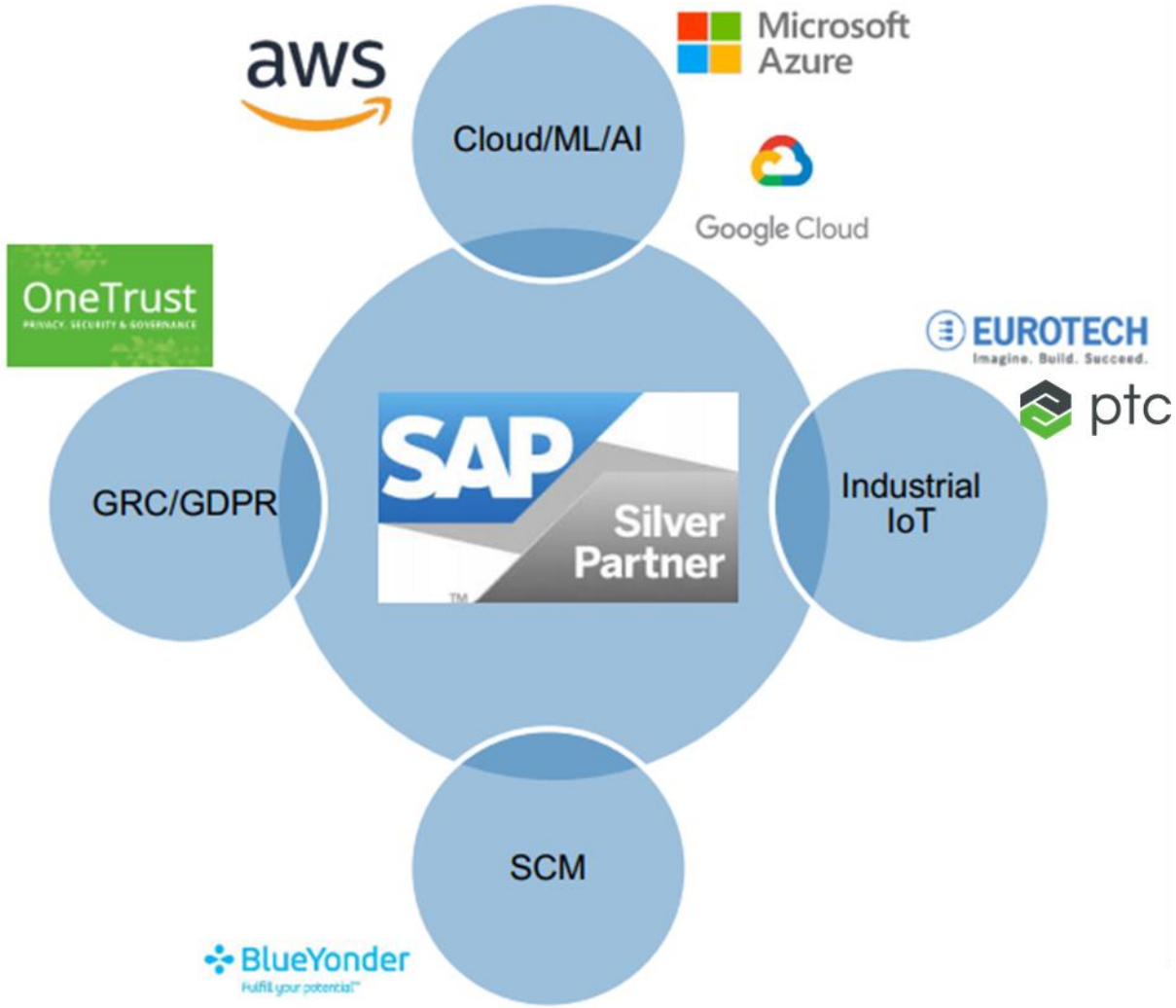
- ❑ Digital Platform SAP
- ❑ Digital Platform (Non SAP)
- ❑ Integration & Custom Developments

Enterprise Services

- ❑ ERP & S4
- ❑ GRC & Data Privacy
- ❑ HR
- ❑ IT Strategy & Assessment

Strategy	Solution Design	Applications	Technology	AMS
• IT Strategy definitions • IT Governance	• Design Thinking • Solution assessment • Requirements Definition	• Business blueprint definition • GAP Analysis	• Custom Development • Solution Architecture	• Full lifecycle application management

Our Offering – Systems



- Program/Project Management
- Platform-independent System Integrator:
  - SAP
  - Blue Yonder
  - Manhattan
- EDI – development and support
- API-led Connectivity (Mulesoft, Apigee)
- AMS (Application Maintenance Support): 24/7 remote support service:
  - SAP IBP/APO
  - Manhattan Active Omni – Order Management System

Successful Solutions

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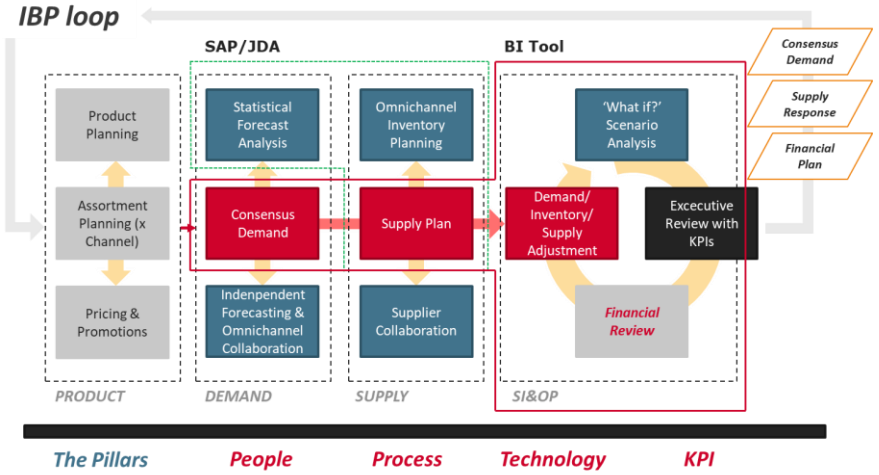
Successful Solutions

Integrated Business Planning

- **Product:** Product Planning, Assortment Planning, Pricing Production
- **Demand:** Statistical Forecast Analysis, Consensus Demand, Indipendent Forecasting & Omnichannel Collaboration
- **Supply:** Omnichannel Inventory, Supply Plan, Supplier Collaboration
- **SI&OP**: Demand/Inventory/Supply adjustment, What-If Scenario Analysis, Executive Review (KPIs), Financial Review



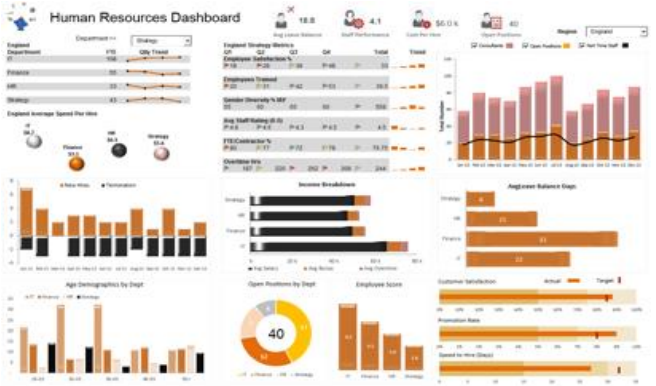
Production Assistant – MES/MOM

Production process digitalization

- Automatic load of production plan on intelligent devices
- Sending of processing times and count of quantities produced
- Automation of Kanban from line of product finished to line of pre-assembled
- Integration with testing machines to manage results

HR Turnover - A smart decision support system leveraging AI

- Use Personnel data from ERP and from other sources (data lake)
- List of predicted leaving employees with a precision 80% of true leavers
- Data (results) fed to a predictive analytics platform (BI Tools)



Industry 4.0

Digital Manufacturing & PLM

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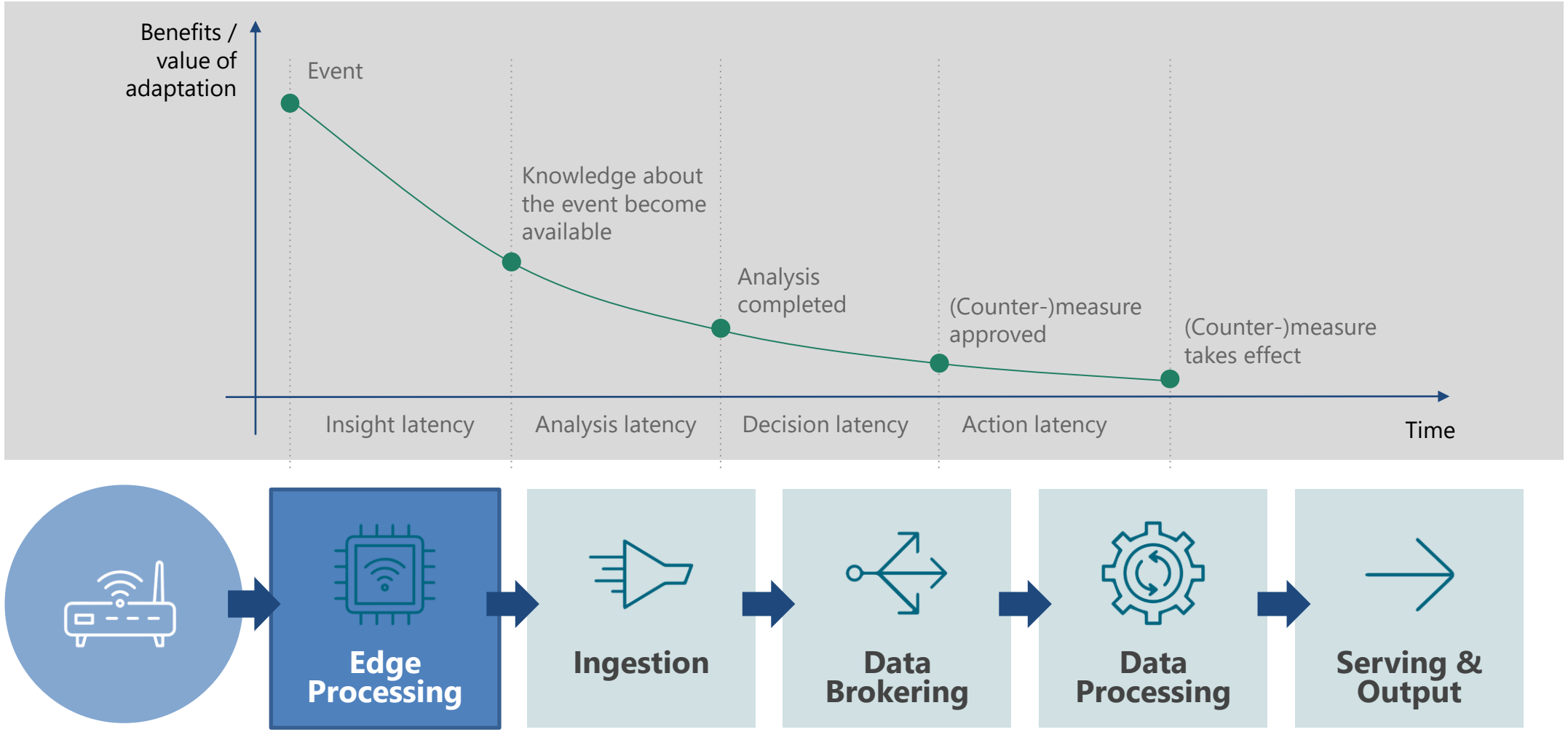
Current Scenario

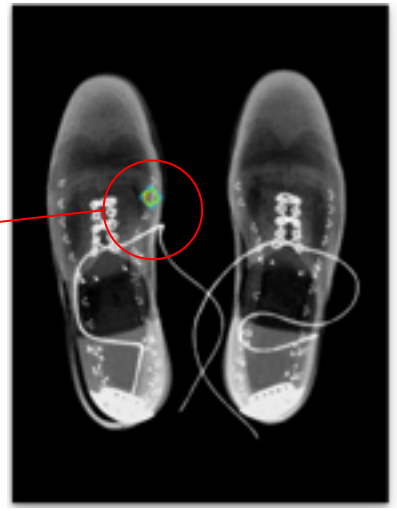
- A new set of possibilities is now available in digital manufacturing and industrial IoT space
- Focus on efficency and visibility on manufacturing KPIs is more important than in the past
- The new Industry 4.0 paradigm is based on two pillars:

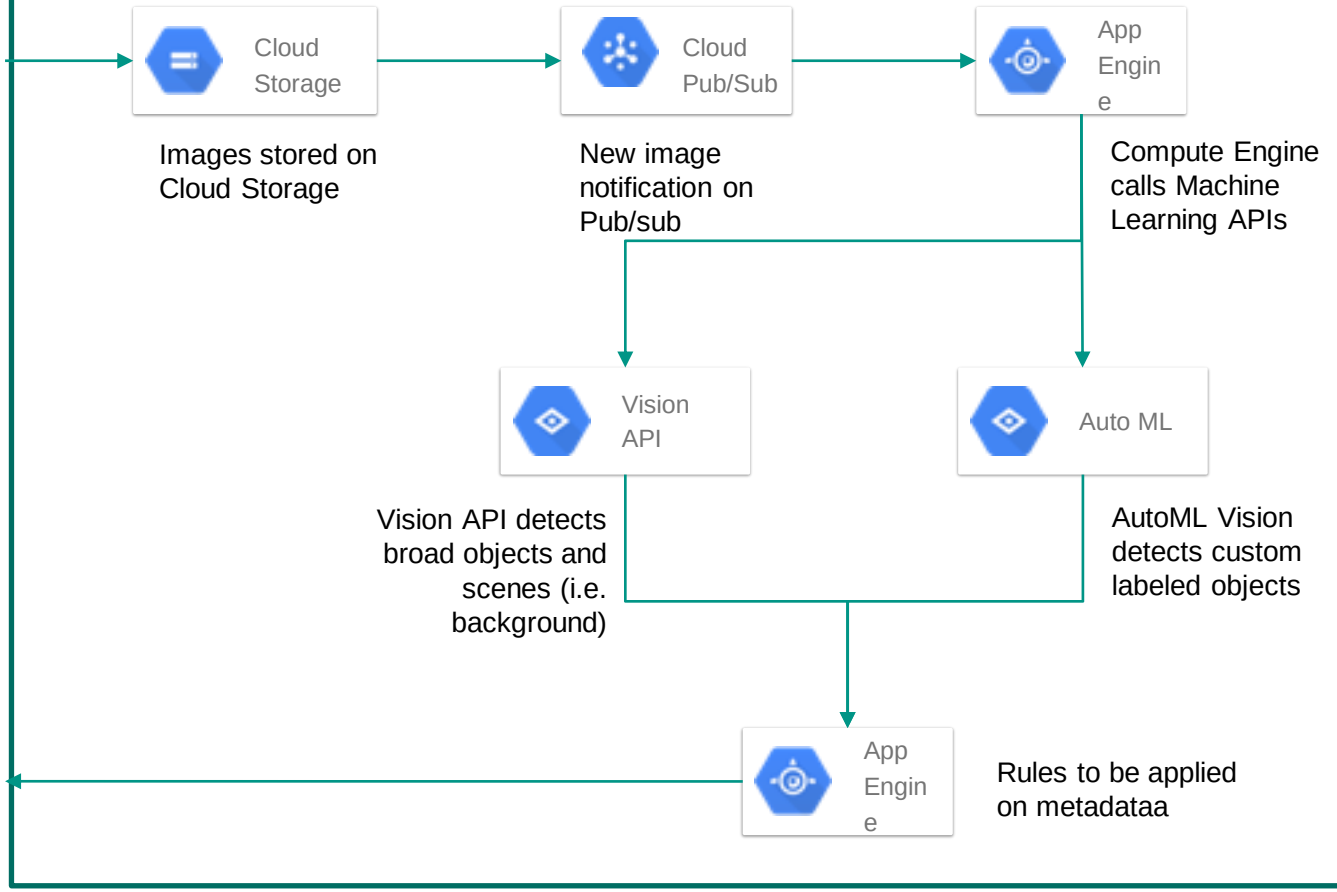
  - ***Edge computing***
  - ***Cloud computing and advance analytics***

Benefit of IIoT Data Stream



Connected Equipment/Quality Management





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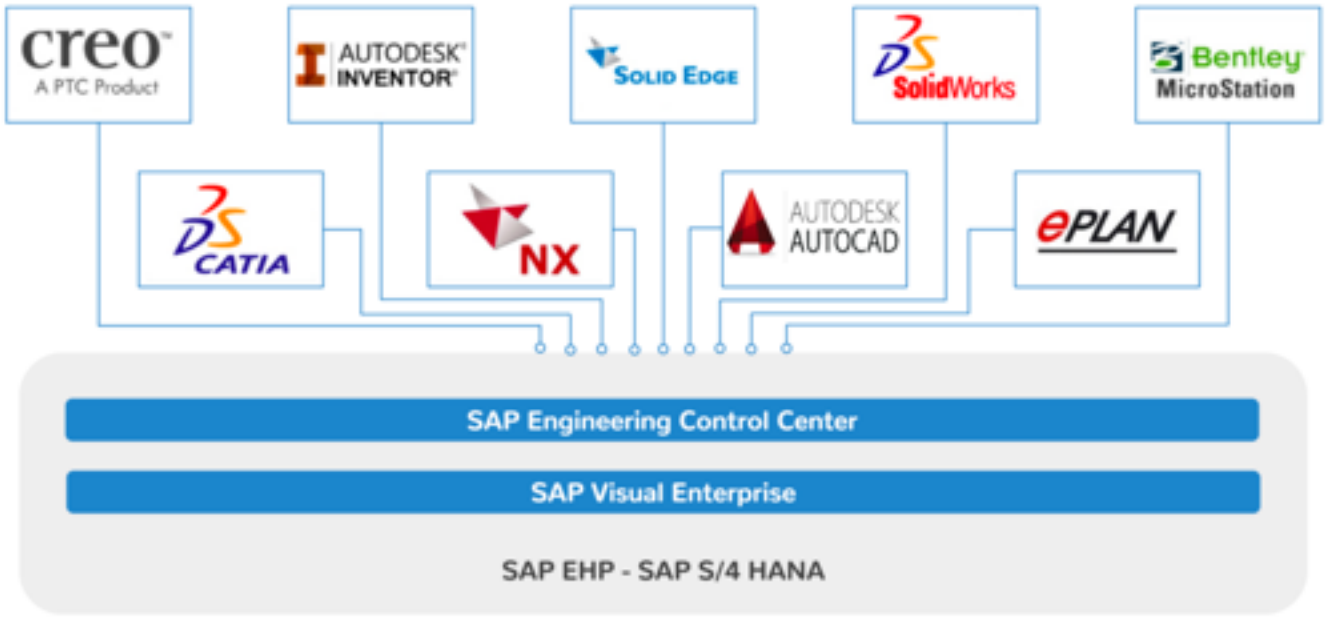
Product Development Solutions



Core Competences:

CAD Integrations:

- Integrations with main CAD systems
- Engineering Control Center

PLM applications

- SAP PLM main processes for Industrial Sector
- SAP Recipe Development for CPG
- PLM integrations for Fashion companies

Project and Portfolio Management

- SAP PPM
- Cloud Analytics for PPM

Supply Chain Planning

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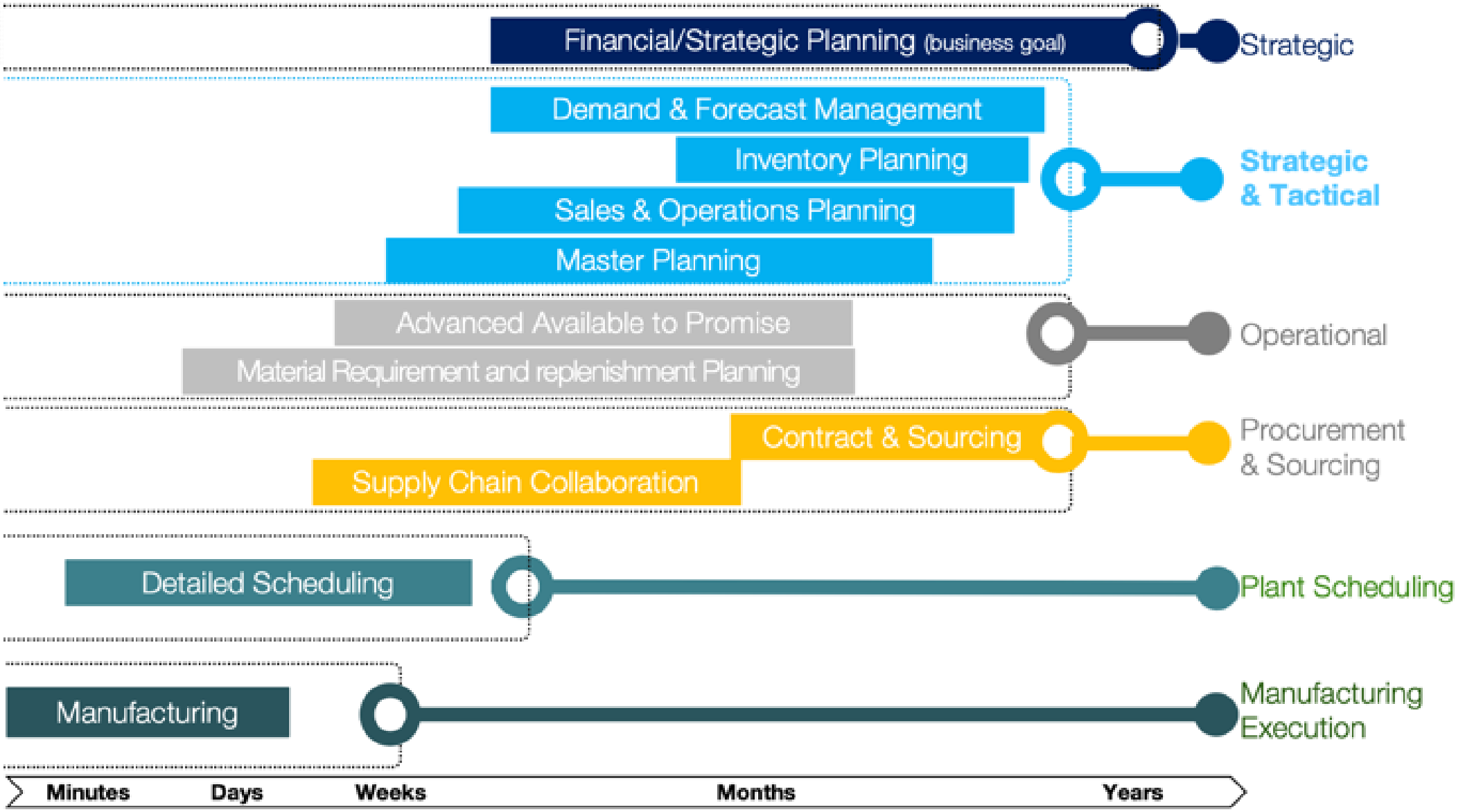
Business Scenario



Customer Requirements and Pains

01

Finance Integration

02

Simulations & Scenarios

03

Inventory Optimization

04

Forecast Accuracy

05

Visibility

06

Collaborative planning

Manufacturing

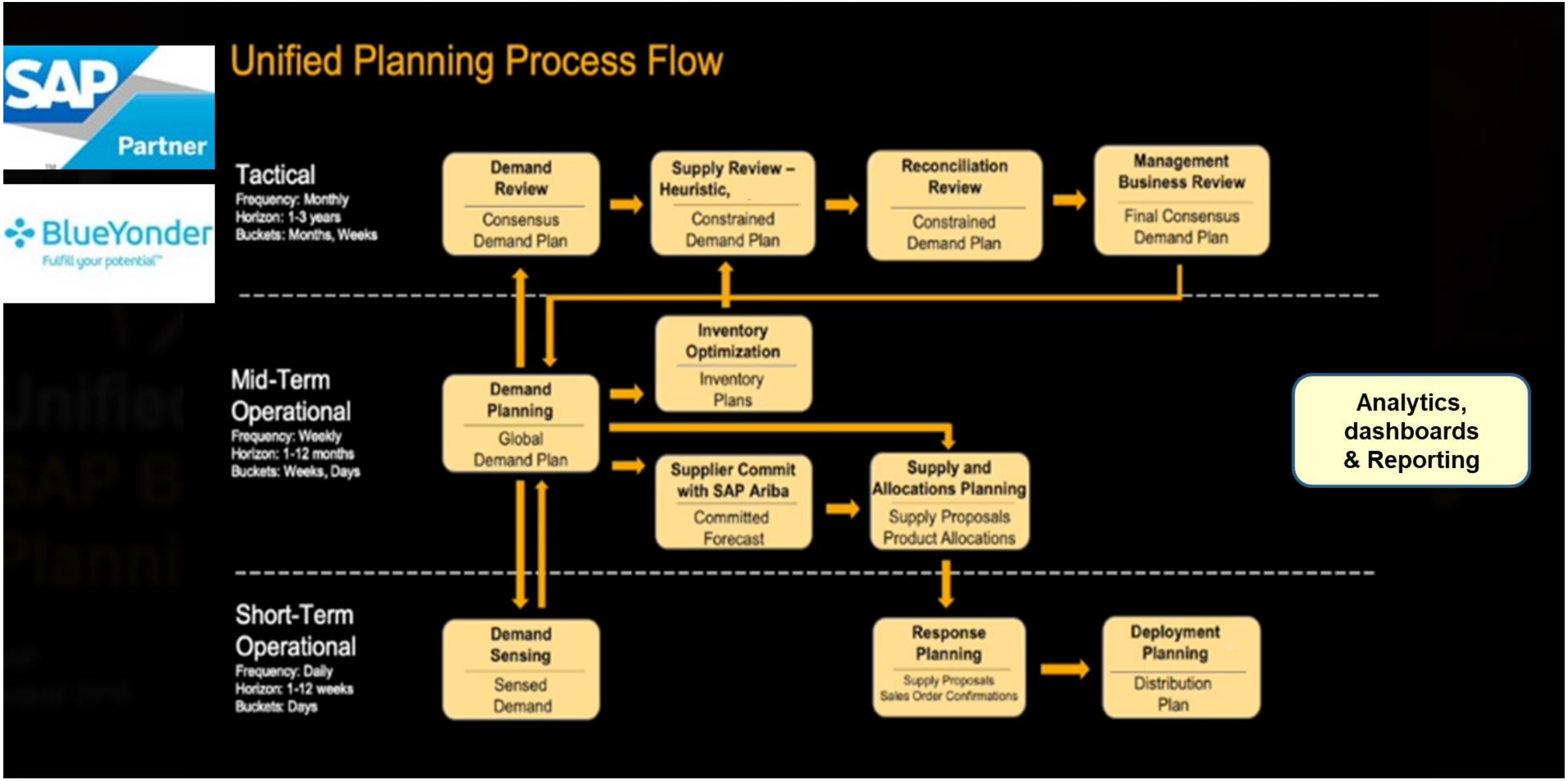
Fashion

Pharma

Confectionery

White goods

Food & Beverage


Unified Planning Process Flow
Tactical
Frequency: Monthly
Horizon: 1-3 years
Buckets: Months, Weeks
Demand Review
Consensus Demand Plan
Supply Review – Heuristic,
Constrained Demand Plan
Reconciliation Review
Constrained Demand Plan
Management Business Review
Final Consensus Demand Plan
Mid-Term Operational
Frequency: Weekly
Horizon: 1-12 months
Buckets: Weeks, Days
Demand Planning
Global Demand Plan
Inventory Optimization
Inventory Plans
Supplier Commit with SAP Ariba
Committed Forecast
Supply and Allocations Planning
Supply Proposals
Product Allocations
Analytics, dashboards & Reporting
Short-Term Operational
Frequency: Daily
Horizon: 1-12 weeks
Buckets: Days
Demand Sensing
Sensed Demand
Response Planning
Supply Proposals
Sales Order Confirmations
Deployment Planning
Distribution Plan

Projects Experience

01

PHARMA

Network visibility

lack of integrated model

Data visibility

Faster reaction time

02

SPORTSWEAR

Forecast accuracy & Collaboration

Accuracy increase

Faster forecast cycle

03

DOMESTIC APPLIANCES

Integrated processes and systems

Business integration

Simulation

04

FOOD & BEVERAGE

Reducing inventory buffers

Prod. Lines saturation

S&OP introduction

Systems integration

Warehouse Management

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Reference Architecture for a Warehouse 4.0 System

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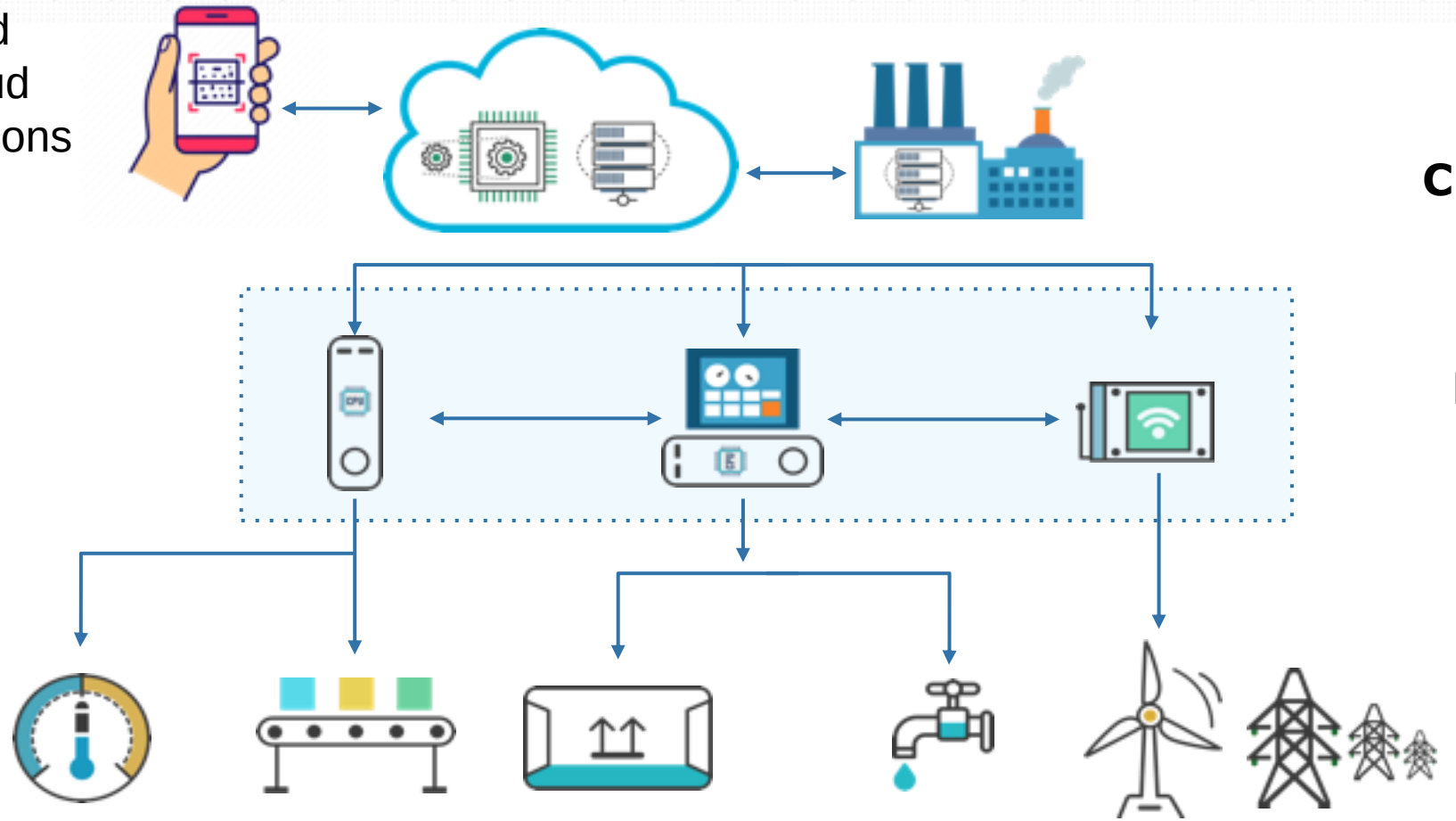
Backend and cloud applications



Backend & Cloud Applications

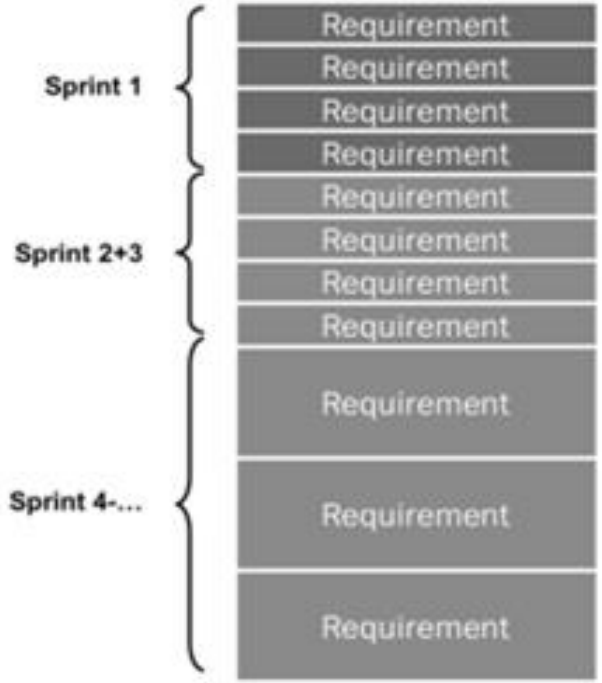
Edge computing

Sensors & Devices

Business Benefits on EWM Migration

- Evaluation of Warehouse locations
- Evaluation of Warehouse processes
- Process Optimization
- License Cost Optimization based on logistics activity based costing
  (only advanced where it is really needed)
- Solution Concept, BPML and Backlog for Warehouse Software Architecture and implementation approach based on:

✓ Costs
✓ Complexity
✓ Time to value
✓ Total cost of ownership
✓ Investment protection
✓ SAP Roadmaps for S/4 and EWM



NOTE: Syscons's top digital transformation expert is Andreas Holtschulte, former SAP EWM Chief Product Owner.