Join Now

Webinar Special

SAP S/4HANA CLOUD, Public Edition

Webinar Special

SAP S/4HANA CLOUD Public Edition and

Supply Chain Disruptions

- Introduction SAP S/4HANA Cloud Public Edition
- Supply Chain Management in S/4HANA
- Demand Planning & Forecasting
- Available-to-promise
- Questions and Answers

Processes are in our DNA

Scheer. The Process Experts.

SAP S/4HANA Cloud, Public Edition

Schedule Webinar Specials 2024

Today: Supply Chain Management

Thursday Nov 21st – Myths & Perceptions SAP S/4HANA Cloud Public Edition

Join Now!

Webinar Special

SAP S/4HANA CLOUD, Public Edition

Presenters

Joost van Lankveld

SAP Project Manager & Consultant

Joost.vanLankveld@scheer-group.com

Rodney van Rijen
SAP Consultant SAP Cloud ERP

Rodney.vanRijen@scheer-group.com

Host

Stefan Bauer
Marketing Manager

Stefan.Bauer@scheer-group.com

Moderator

Josien van der Burg
Sales Manager

Josien.vanderburg@scheer-group.com

Agenda

Introduction Scheer	Introduction S/4HANA Cloud Public Edition	Supply Chain Management in S/4HANA	Demand Planning & Forecasting
Available-to-promise	Q & A		

Scheer worldwide

30
offices

>1.500
customers

>1.000
employees

Main markets: America, Asia, Europe
Main sectors: chemicals, consumer products and retail, financial services and insurance, government, higher education and research, manufacturing and automotive, pharmaceuticals and life science, service sector, utilities

# Our focus on
S/4HANA Cloud **Public Edition**

Our core competency is harmonizing
SAP Best Practices with your required end-to-end
business processes

Our preferred method is to define a Cloud Mindset
and apply the "fit-to-standard" approach

**Our goal is to establish a transparent operational
landscape**, facilitating the seamless adoption of
future innovations of SAP's Public Cloud
solutions.

Our SaaS-ERP Footprint

with SAP Public Cloud ERP: SAP S/4HANA Cloud Public Edition
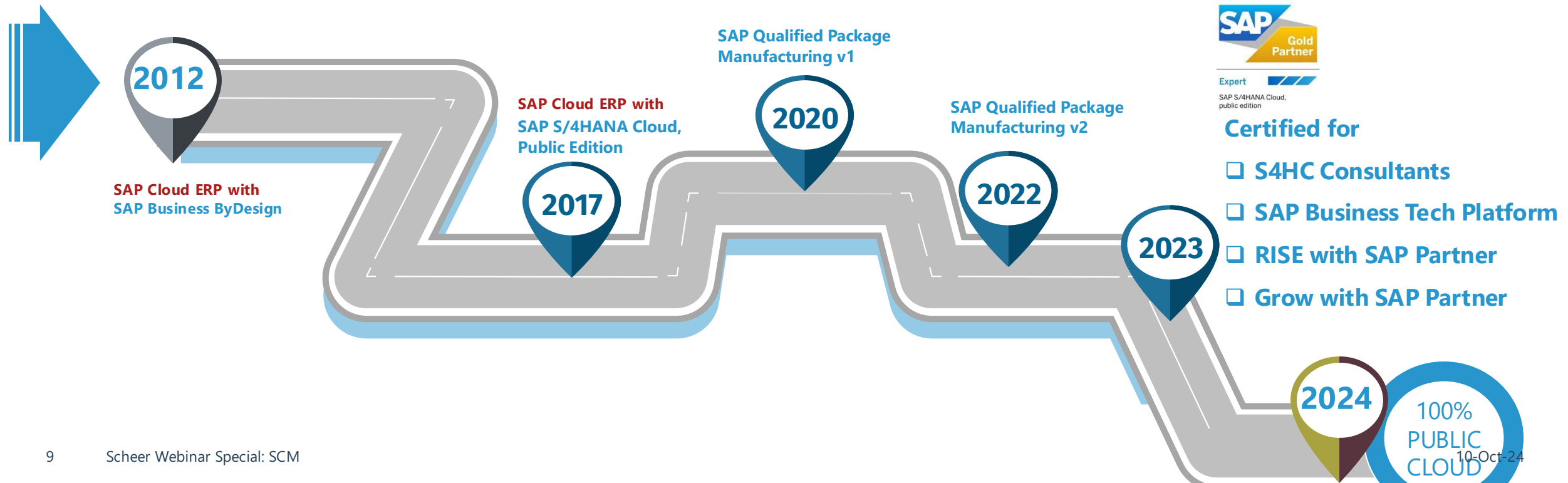
SAP S/4HANA Cloud Public Edition

Recent Projects with Manufacturing focus

DSM Twilmij - NL
Manufacturer of premixes and milk replacers for the animal feed industry.

Romer Labs - AU/US/CA
Romer Labs testing solutions for analyzing mycotoxins.

i-Health- US
i-Health develops branded products that support health and wellness.

KerckHaert - NL/BE/FR/UK
The Royal Kerckhaert Horseshoe Factory produces horseshoes.

Verkor - FR
Manufacturer of fast-tracking low-carbon batteries.

Niaga – NL
Manufacturing technologies for a circular future for carpet, mattress and furniture panels. Carved out from DSM

Covestro – NL
Manufacturing technologies for a circular future for carpet, mattress and furniture panels Carved into Covestro

Fine Field – NL
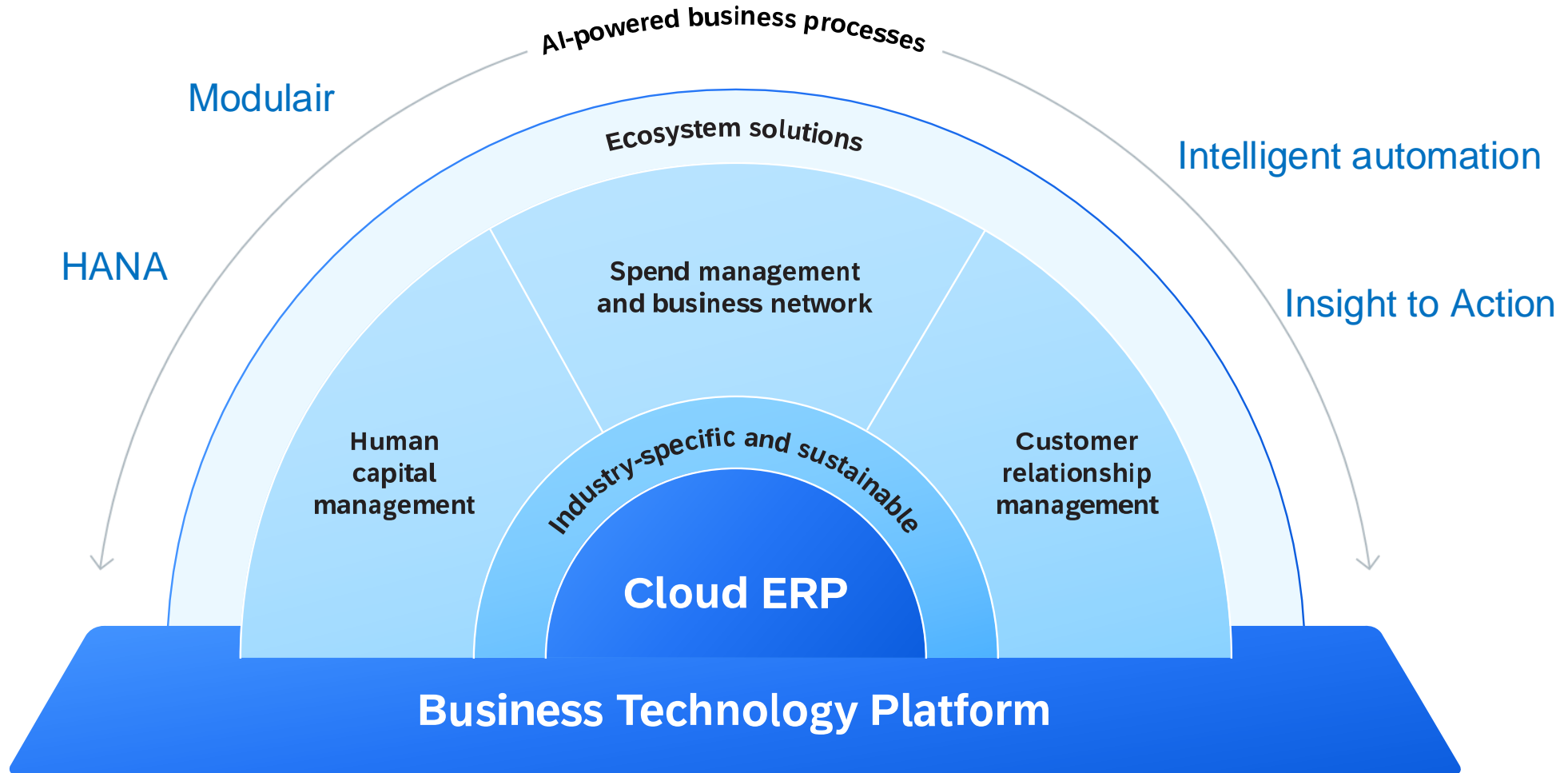Manufacturing harving machines for blue berries

Agenda

Introduction Scheer	Introduction S/4HANA Cloud Public Edition	Supply Chain Management in S/4HANA	Demand Planning & Forecasting
Available-to-promise	Q & A		

SAP S/4 HANA Public Cloud

The Core of the Intelligent Enterprise

800+ Pre-configured Best Practices

AI-powered business processes

Modulair

Ecosystem solutions

Intelligent automation

HANA

Spend management and business network

Insight to Action

Human capital management

Industry-specific and sustainable

Customer relationship management

Cloud ERP

Business Technology Platform
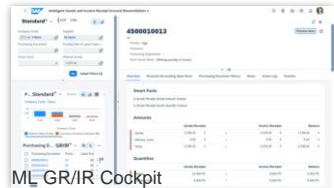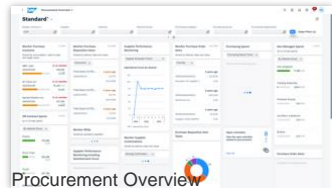
SAP S/4HANA Public Cloud

Comprehensive **end to end business processes** delivered by **preconfigured best-practices** and **industry-specific scenarios**
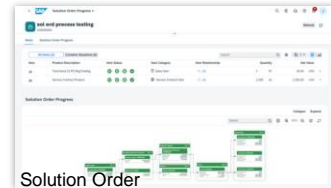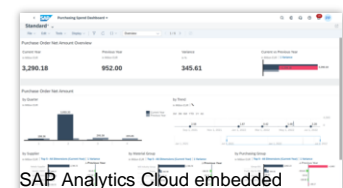

ML GR/IR Cockpit

Procurement Overview

My Sales Overview

Solution Order
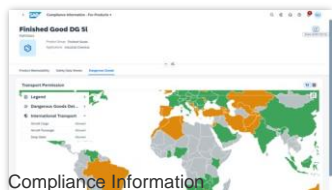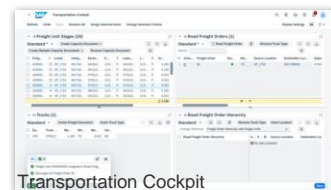

SAP Analytics Cloud embedded
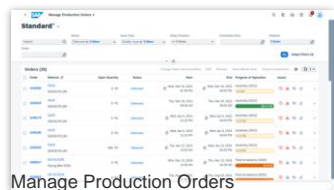
Manage Production Orders

Compliance Information

Maintenance Cost

Transportation Cockpit
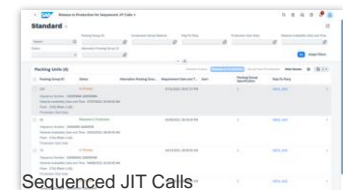
Sequenced JIT Calls

Industry capabilities

Agenda

Introduction Scheer **1**	Introduction S/4HANA Cloud Public Edition **2**	Supply Chain Management in S/4HANA	Demand & Forecasting
Available-to-promise	Q & A		

SAP S/4HANA Cloud Supply Chain

Inventory

Physical Inventory
- Inventory Counting
- Cycle Counting
- Scheduled Document Creation
- Situation Handling

Inventory Analytics and Control
- Inventory Overview
- Stock Analysis
- Throughput Analysis
- Dead Stock Analysis
- Slow- / Non-Moving Stock Analysis and Prediction

Goods Movement
- Goods Receipt
- In-Plant Stock Transfer
- Cross-Plant Stock Transfer
- Stock-in-Transit Monitoring / Prediction
- Manual Reservations

Inventory Manager, Inventory Analyst Plant Manager

Warehousing

Warehouse Management   **Advanced Warehouse Mgmt.**
- Inbound Processing (incl. Quality Mgmt.)
- Outbound Processing (incl. Ad Hoc GI)
- Production Supply (incl. Kanban)
- Production Receipt (incl. Repetitive)
- Resource Management
- Wave Management
- Third-party WMS Integration**

Warehouse Clerk, Warehouse Operator Shift Supervisor

Order Promising

Available to Promise
- Availability Check
- Back Order Processing

Bus. Process Sched.
- Based on shipping point
- Based on transp. route

Order Fulfillment Manager, Specialist

Delivery and Transportation

Delivery Management
- Delivery Creation
- Delivery Scheduling
- Delivery Packing
- Delivery Monitoring
- Goods Issue

Transportation Management
- Freight Unit Creation
- Freight Order Planning
- Charge Management
- Freight Settlement

Receiving Specialist, Shipping Specialist Transportation Buyer, Planner, Manager

Logistics Material Identification

Serial Number Management
- Serial Number Profiles
- Serial Number Creation
- Serial Number Tracking

Batch Management
- Batch Master Creation
- Batch Master Changes
- Batch Monitoring

Handling Unit Management
- Handling Unit Creation
- Handling Unit Monitoring
- Manual / Automatic Packing
- Situation Handling

Master Data Specialist

Advanced Order Promising

Advanced Available to Promise*
- Product Allocation
- Alternative-Based Confirmation
- Release for Delivery
- Supply Protection

Order Fulfillment Manager, Specialist

Integrated Business Planning

Integrated Business Planning
- Demand Planning & Forecasting
- Supply Planning
- Inventory Optimization
- Sales & Operations Planning
- Supply & Response
- Demand Driven MRP

Planner, Managers, Inventory Manager, Plant Manager

Agenda

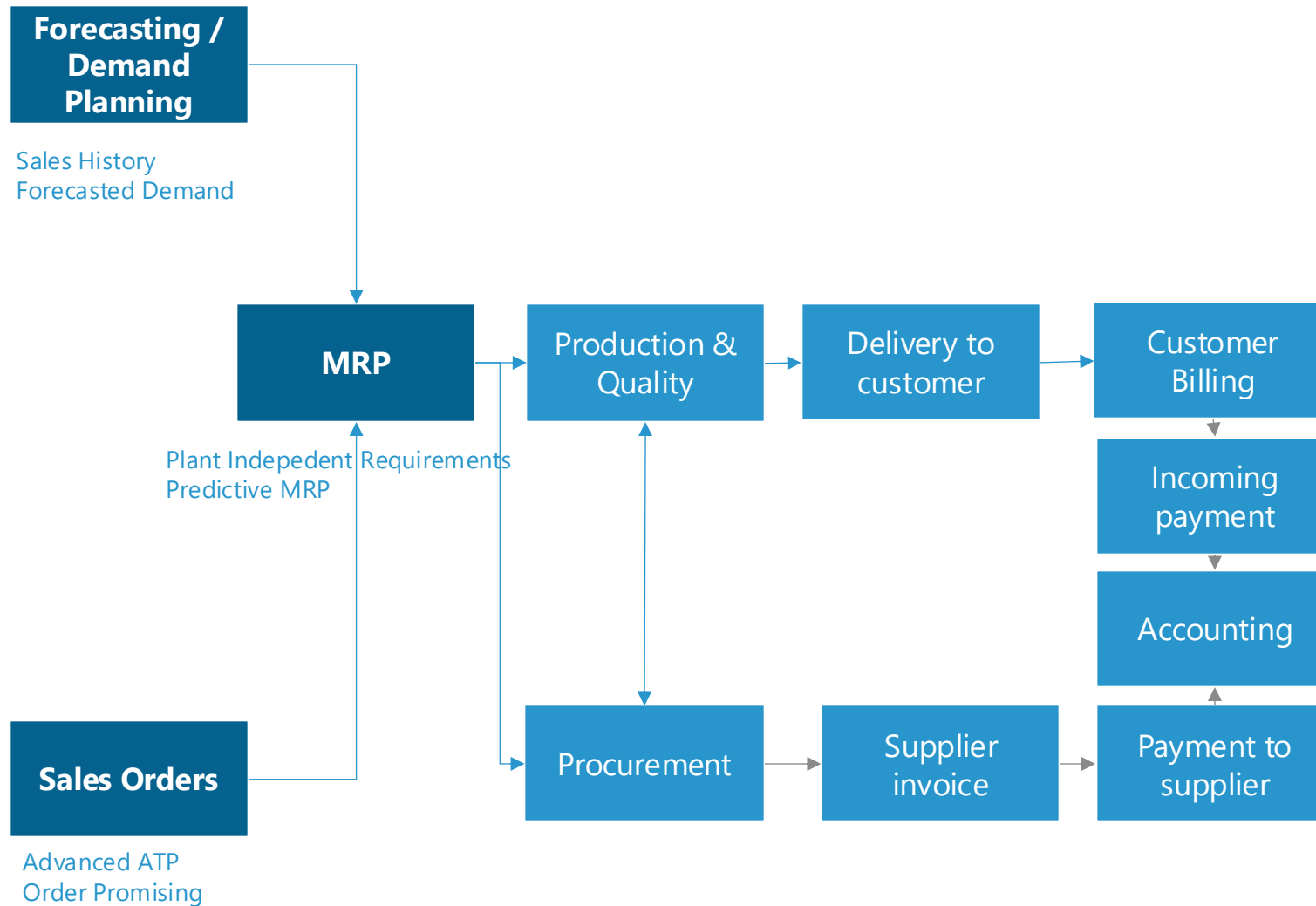|			
Introduction Scheer **1**	Introduction S/4HANA Cloud Public Edition **2**	Supply Chain Management in S/4HANA	Demand Planning & Forecasting **4**
Available-to-promise	Q & A		

Quickly insight & responding to changing supply & demand

1. **How can SAP help in the complex world of supply & demand?**

2. **What has SAP to offer?**

3. **Showcase a scenario**

Processes that will be highlighted today

Not in Demo today

In demo today

Forecasting / Demand Planning

Sales History
Forecasted Demand

MRP

Plant Indepedent Requirements
Predictive MRP

Sales Orders

Advanced ATP
Order Promising

Production & Quality

Delivery to customer

Customer Billing

Incoming payment

Accounting

Procurement

Supplier invoice

Payment to supplier

Scenario for today

- The company is **FusionCell Dynamics** a manufacturer of automative car batteries

- We have chosen 1 product that we will highlight: **Battery AGM 5**

- We have two plants where we produce & sell the product in **Germany & The Netherlands**

- We have a **Sales History** for the **Battery AGM 5** until the summer - Juli 2024

- We will show how SAP can **forecast demand based on the historical data**

- We will show how SAP can help you when a **product is out of stock** using **Advanced Availability To Promise (ATP)**

How can SAP give insight in the future?
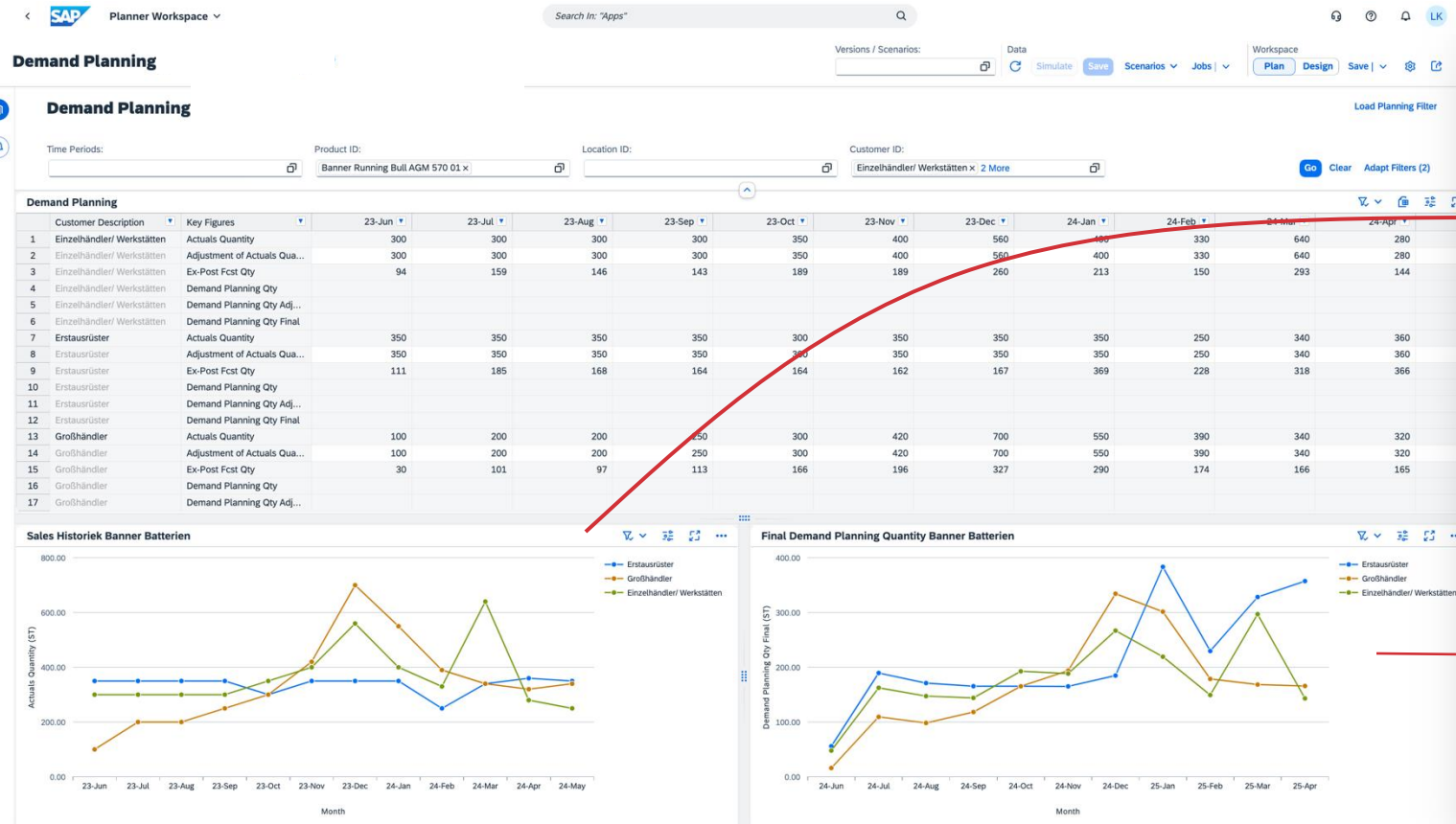
Past data based on products sold by the company to customers

Forecasted future demand

In SAP, standard overview of the historical demand and future forecasted demand.

System Walkthrough

- Demand Planning & Forecasting
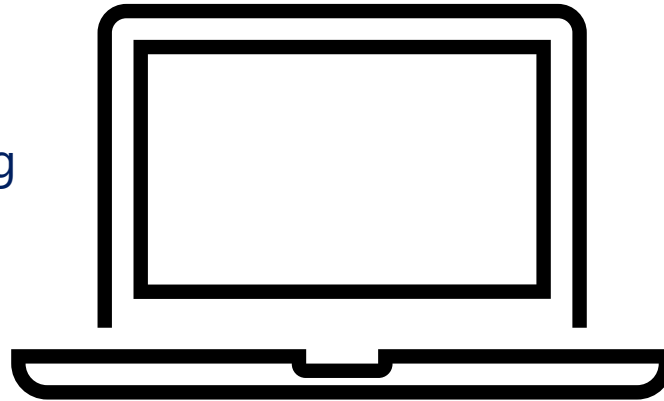
A few SAP Forecasting Models examples

Input

Planning Attribute
(**Battery AGM 5**)

Base Key Figure
(Adjusted Sales History)

Constant

Seasonal

Trend

Sporadic
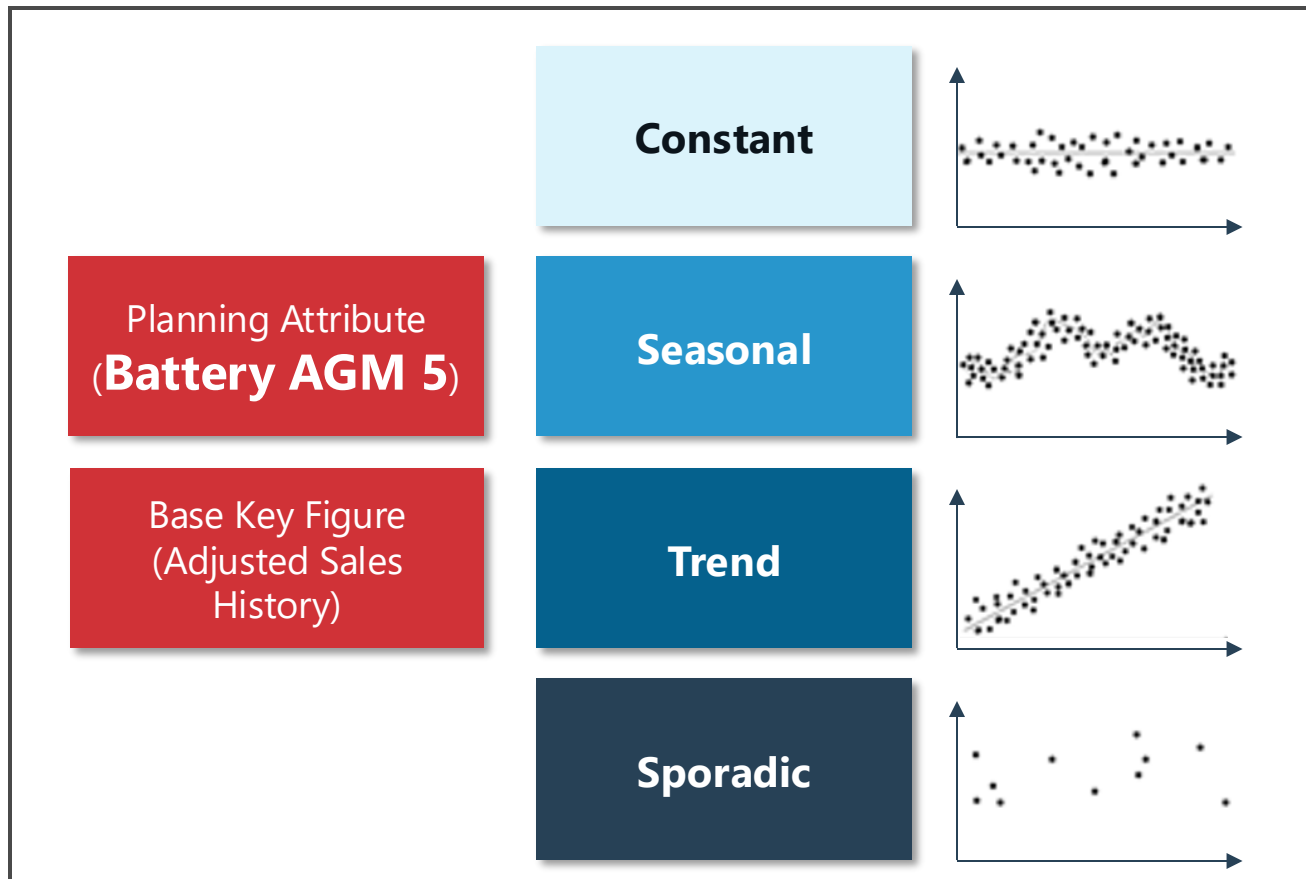
Output

Assigned Forecast Model	Forecast Accuracy
Automated Exponential Smoothing	70%
Double Exponential Smoothing	85%
Brown's Linear Exponential Smoothing	76%
Auto-Arima	70%

How can you plan your supply chain?

- Guided via Fiori Apps (tiles) in SAP
- Using Microsoft Excel and connecting it to SAP
- Using Dashboards
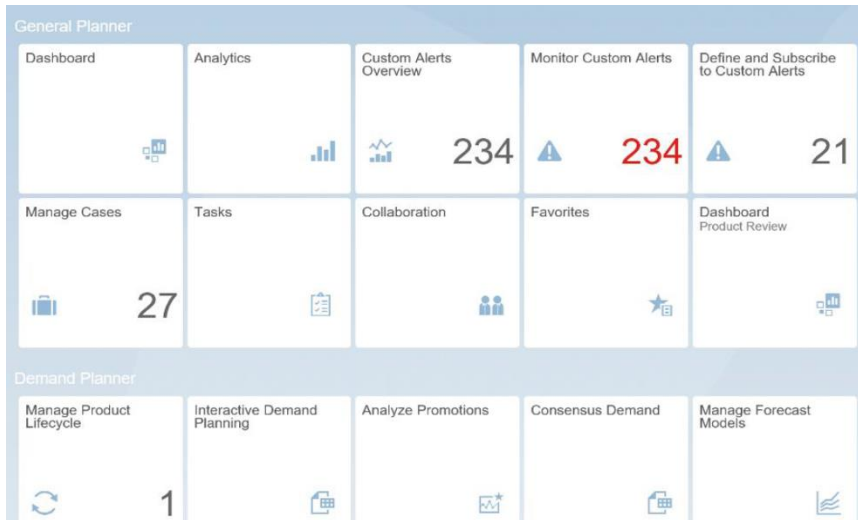
Excel AddIn
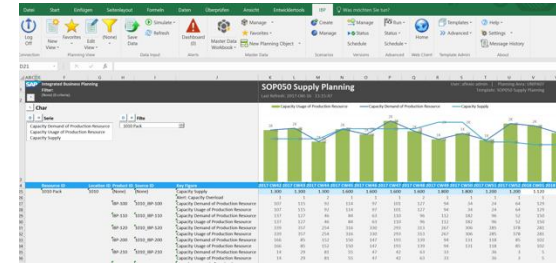
- Configurable Planning views
- Embedded views
- Intuitive usage

Excel AddIn
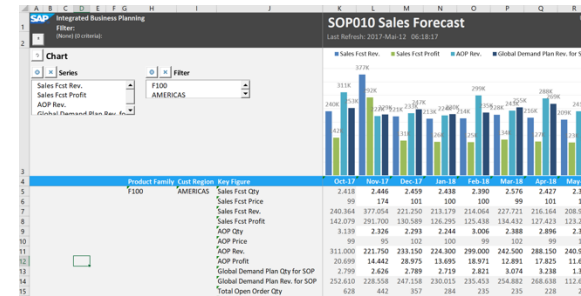
- Quantity- / Value planning
- Real-Time Scenario Simulation
- High System performance

Dashboards in IBP

- Planners cockpit with Dashboards
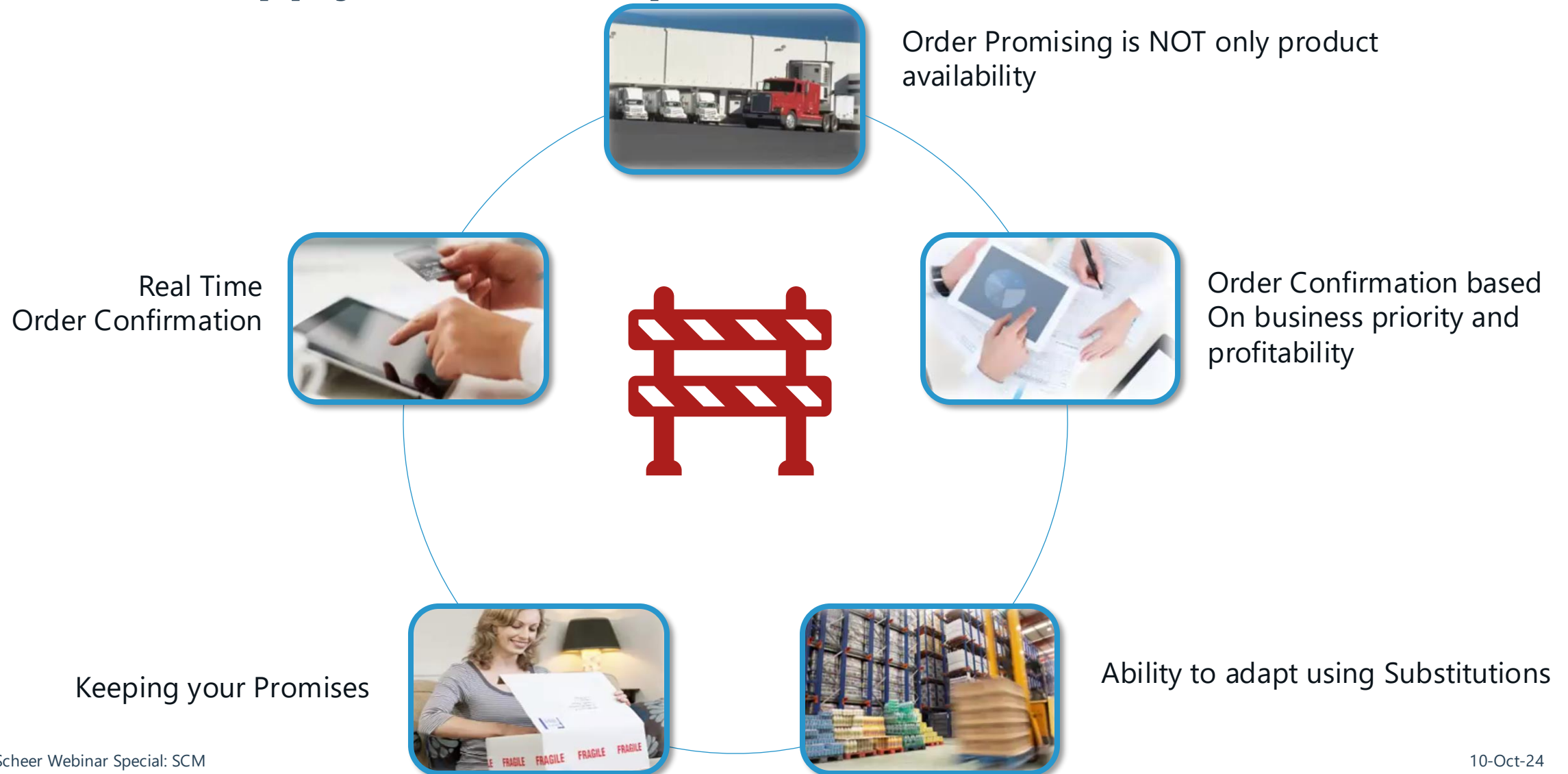- KPI-based working process
- Collaboration

Agenda

Introduction Scheer	Introduction S/4HANA Cloud Public Edition	Supply Chain Management in S/4HANA	Demand Planning & Forecasting
1	**2**	**3**	**4**
Available to Promise	Q & A		
5	**6**		

Disruptions in the Supply Chain

Available-to-Promise

to assist in Supply Chain disruptions

Order Promising is NOT only product availability

Order Confirmation based On business priority and profitability

Real Time Order Confirmation

Ability to adapt using Substitutions

Keeping your Promises

Backorder Processing
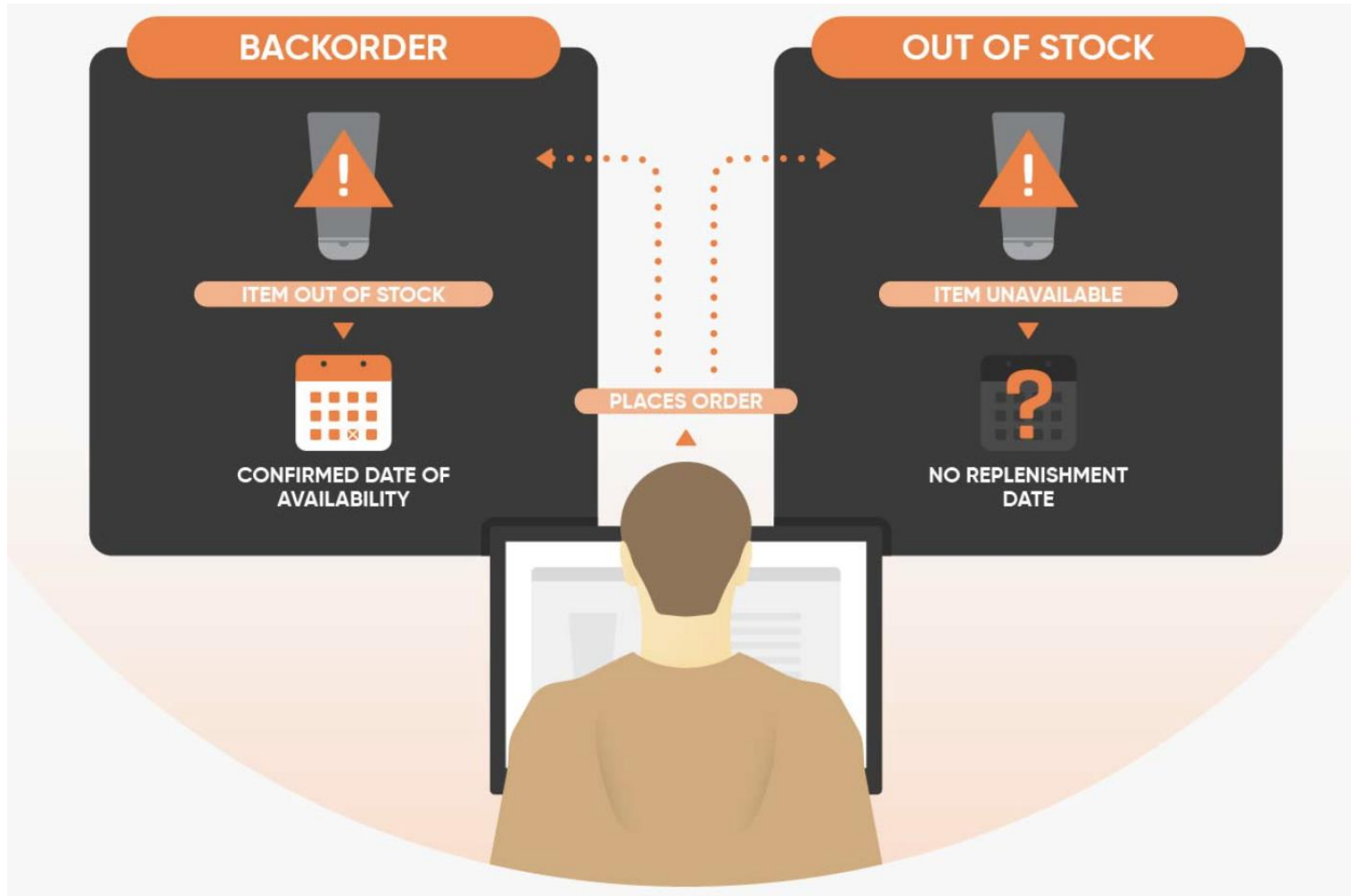
Backorder Processing (BOP) is performed when supply and demand situation changes

- Recalculate existing confirmations for current requirements, such as Sales Orders.

- Can be automated by setting up your Backorder Processing Strategy.

- Manual changes can also be made to the confirmations.

Examples of when Backorder Processing occurs

- Sales Order cancelation, freeing up stock quantities.

- A planned Purchase Order or Production order is running later than expected. Or new ones are created to meet demand.

- Reprioritization of Sales Order confirmations based on your Backorder Processing Strategy.

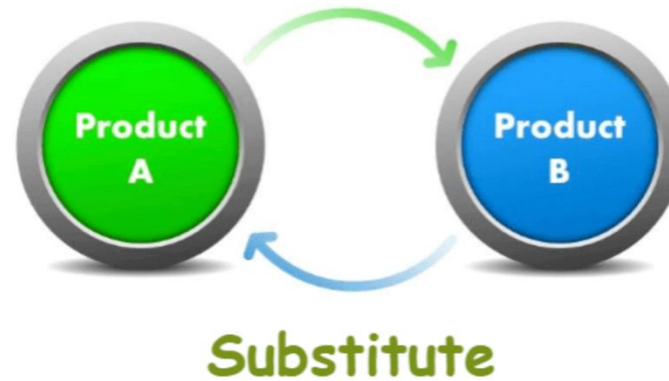# Additional Possibilities to manage Supply Chain Disruptions

Product Allocation

Improve customer service levels by managing shortage situations through sales and capacity constraints.
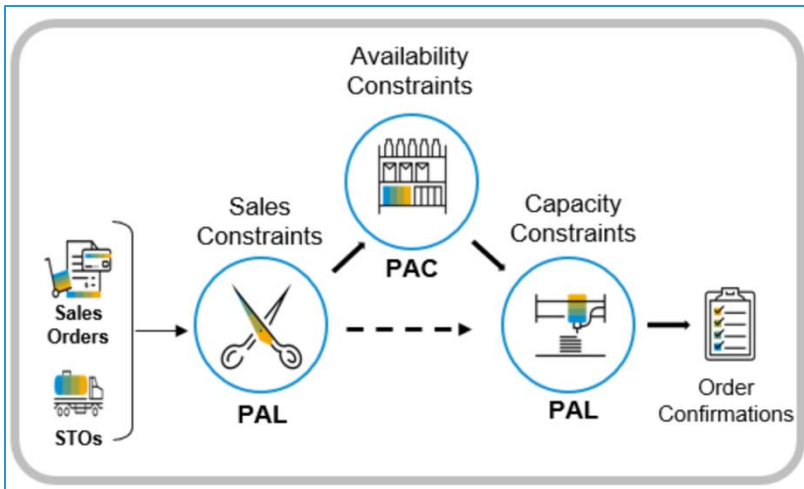
Alternative Based Confirmation

Improve order fill rate by intelligently selecting alternative locations and substitutable products.
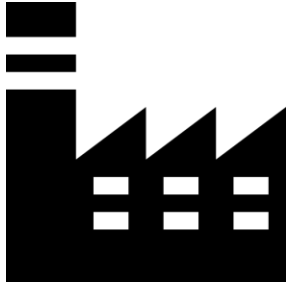

Supply Protection

Optimize profitability by providing better fulfillment to more lucrative orders. Reserve certain quantities for special customers or opportunities.
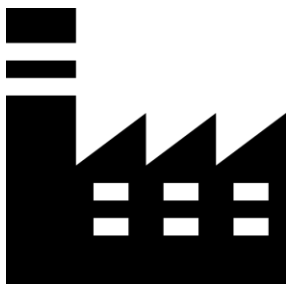
Demo Scenario – Plant Substitution

**Plant 9010
Germany**

BABA57001 – Battery AGM 5

On Stock: 0 Each

**Plant 9110
The Netherlands**

BABA57001 – Battery AGM 5

On Stock: 1000 Each

SAP S/4 HANA

Key Takeaways and Benefits

- **Scenario Planning and Simulation** uses different "what-if" scenarios to understand the impact of various factors on demand

- **Improved Forecast Accuracy** uses algorithms and machine learning to generate more accurate demand forecasts. This reduces the chances of understocking or overstocking

- **Real-time visibility** across the entire global supply chain

- **Faster decision-making** using predictive analytics and embedded AI-tools (SAP Joule)

- **Improved customer satisfaction** through timely, accurate deliveries

- **Increased agility** to handle disruptions or changes in demand

- **Reduced operational costs** through optimized inventory and automated processes

SAP introduces powerful new Generative AI: SAP Joule

Joule A copilot that truly understands your business

Microsoft Co-pilot Integration

SAP S/4HANA Cloud Public Edition

Insight-to-action	Situation handling	Process automation	Machine learning	Collaborative ERP	Generative AI embedded in the ERP to automate, simplify + improve decisions
Finance	Sales	Procurement	Services	Manufacturing	Supply chain	Cross Functions

Financial Business Insights

AI-Driven Back Order Processing

Intelligent Matching of Employees to Projects

Hands Free Production Order Management

Smart Summarization

Easy Filter

Cash application

Sales order automation

Supplier invoice automation

Intelligent Resource Management

Demand-driven MRP

Inventory optimization

MS Teams Integration

Next Webinar Specials Nov 21, 2024

Myths and Perceptions

This webinar will cover general and more specific topics:

- Public Cloud ERP is less secure than on-premise ERP

- The Public Cloud ERP is more expensive in the long run

- The Public Cloud ERP offers less functionality and customisability

- The Public Cloud ERP performs worse than on-premise ERP

- The Public Cloud ERP is only suitable for medium to large enterprises

- Migration to SAP S/4HANA Cloud Public Edition is more complex than on-premise upgrades

- The Public Cloud ERP has a lack of control over software updates

Join Now

Webinar Special

SAP S/4HANA CLOUD, Public Edition

10-Oct-24

Thank you for your Attention!

SAP Gold Partner

Expert

SAP S/4HANA Cloud, public edition

Scheer

THE PROCESS EXPERTS

scheer-nederland.nl / .com