

Intelligent Order Promising with SAP S/4HANA advanced Available-To-Promise (aATP)



THE BEST RUN 

Content

Order Promising in Digital Supply Chain

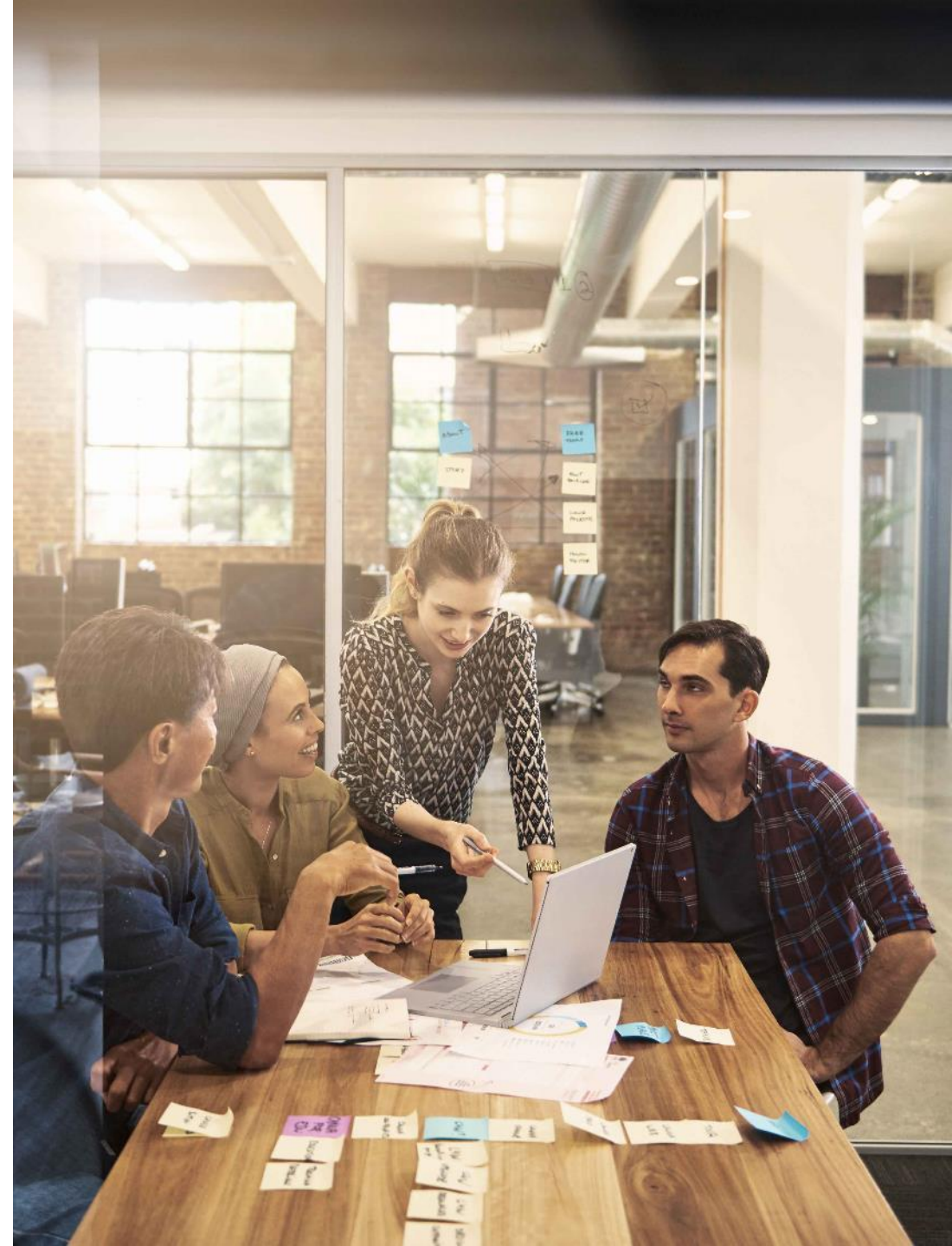
Solution Strategy and Value Proposition

SAP S/4HANA aATP Overview

Solution Positioning

Customer Use Cases

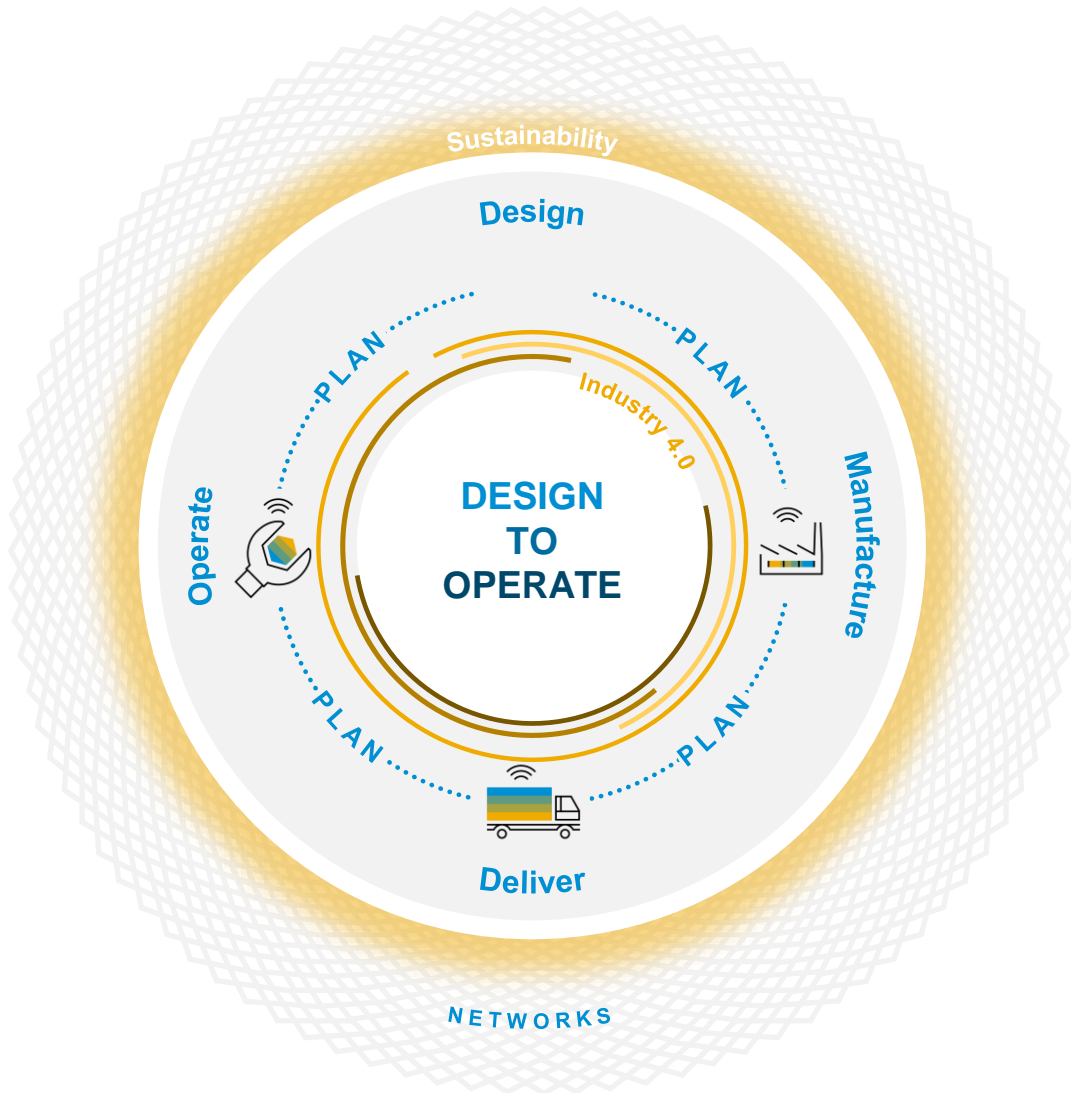
Roadmap



Intelligent Order Promising in SAP Solution Strategy for Digital Supply Chain



Resilient Supply Chains – From Design to Operate



Design

- Make informed design choices with consistent product data
- Design anywhere/build anywhere with remote collaboration
- Visually communicate product design to a distributed ecosystem



Plan

- Run what-if scenarios and simulations for faster decisions
- Balance inventory buffers with cost constraints
- Gain total supply chain visibility and determine risk elements



Manufacture

- Adjust production schedules to changed demand and supply
- Improve collaboration with contractors for reliable commitments
- Optimize your scarce available resources and labor



Deliver

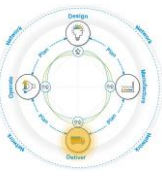
- Closely monitor the progress of critical orders
- Increase resilience in warehouses by deploying robots
- Address lock-downs with optimized scheduling and routing



Operate

- Ensure critical assets are available to service customers
- Allocate constrained spare parts to critical jobs
- Switch from planned to condition based maintenance

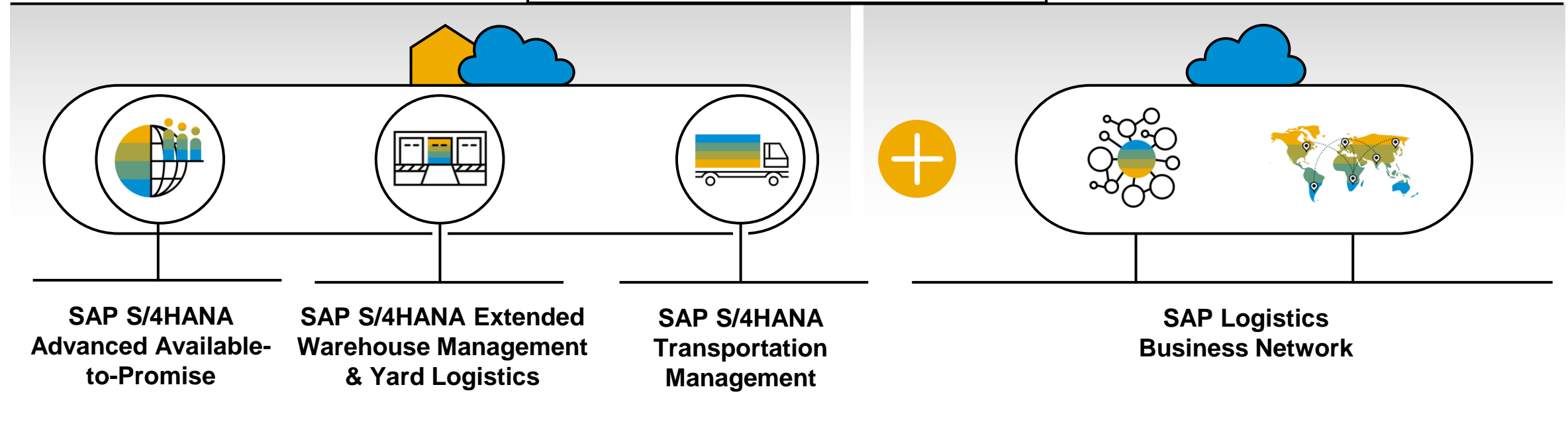
**Order
Promising**



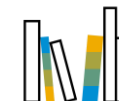
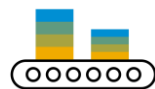
SAP Digital Supply Chain Solutions for Deliver

Enables just-in-time consumption creating the product experience by making delivery part of the promise

Digital Logistics Real-time Data



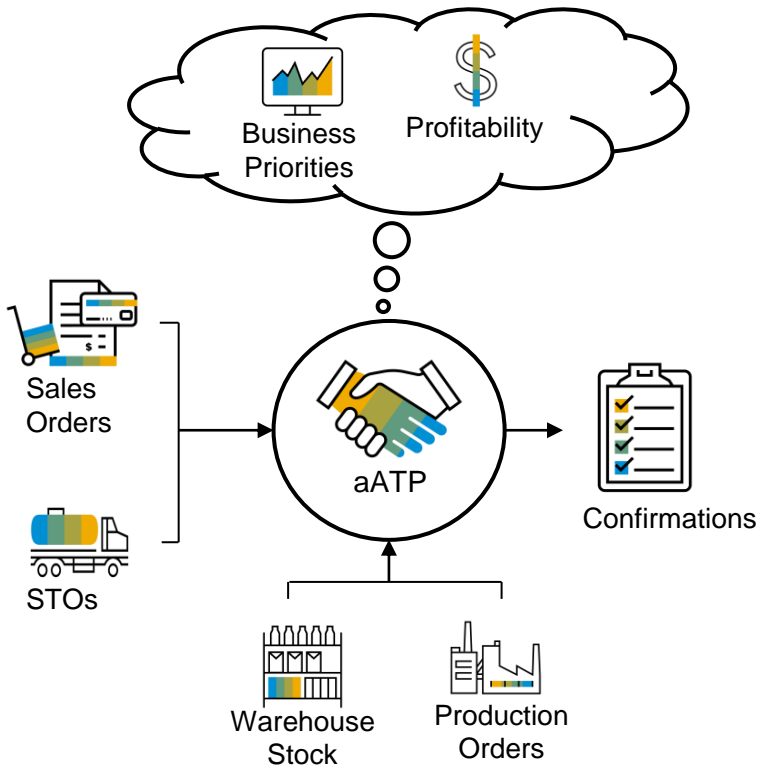
SAP® Cloud Platform



Intelligent Order Promising Solution Strategy and Value Proposition



The Intelligent Order Promising – S/4HANA advanced ATP



As an important and integral part of the order fulfillment process, **SAP S/4HANA advanced Available-To-Promise** provides accurate and reliable order promise dates considering the relevant stock in real-time, while protecting companies' business priorities and profitability goals.



SAP S/4HANA advanced ATP Solution Strategy



Simple

- Intuitive and user friendly interfaces
- Easy set-up and maintenance



Fast

- Built natively in S/4HANA Enterprise.
- Uses the master and transaction data of the S/4HANA Core.
- Uses latest HANA technologies



Flexible

- Available in all four deployment options – On Premise, Public Cloud, Private Cloud and HEC



Intelligent

- Next generation order promising functions
- Automated exception handling
- Dynamic selection of alternatives



Integrated

- Integral part of End-to-End business processes
- Integration to Planning, Manufacturing, Procurement, Logistics*

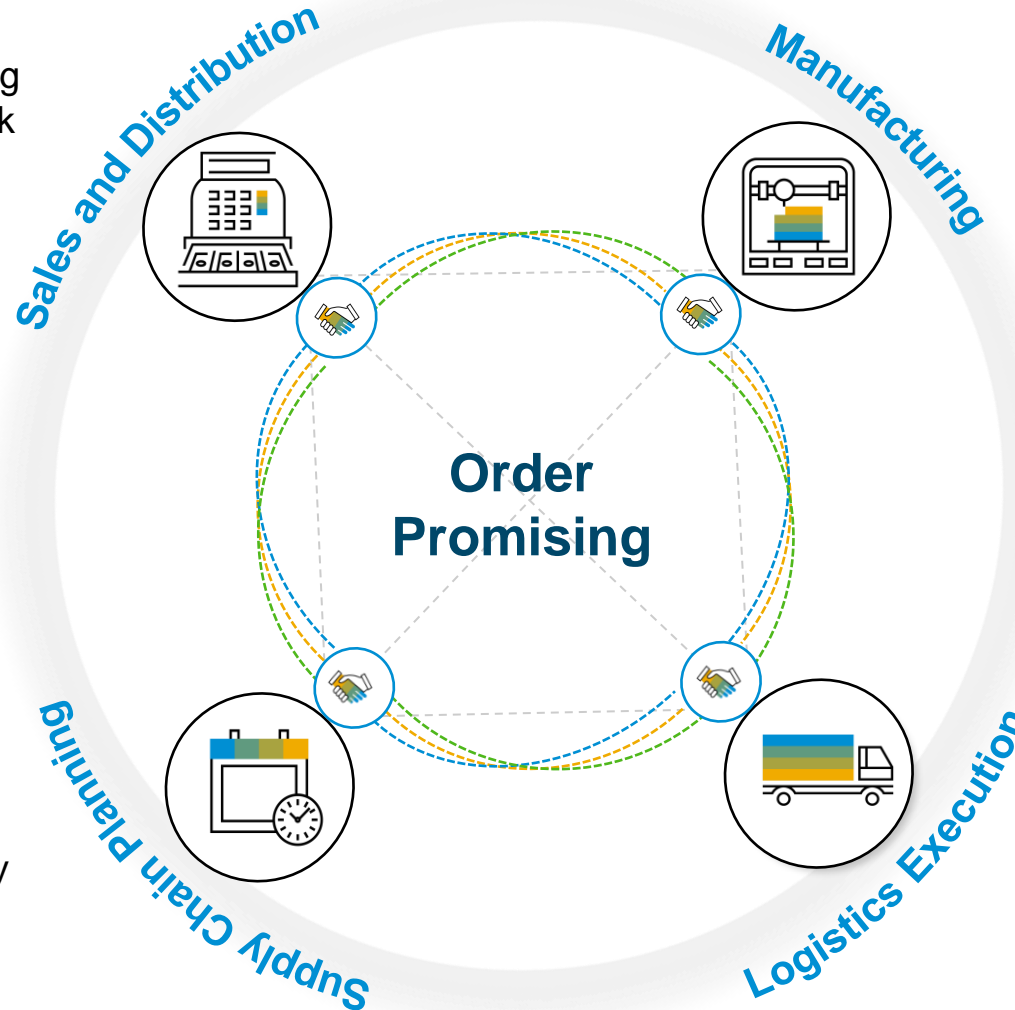
Simplified User Experience & Automation

Flexibility, Agility & Innovation

Efficient, Intelligent and Integrated

The **Integrated** Order Promising

Accurate Order Promising considering real time sales, inventory and network constraints



Consideration of actual production constraints while providing confirmation dates in Make-To-Order scenario*

Consideration of Demand and Supply Planning constraints during order confirmations

Consideration of Transportation Scheduling constraints to provide feasible delivery date commitments*

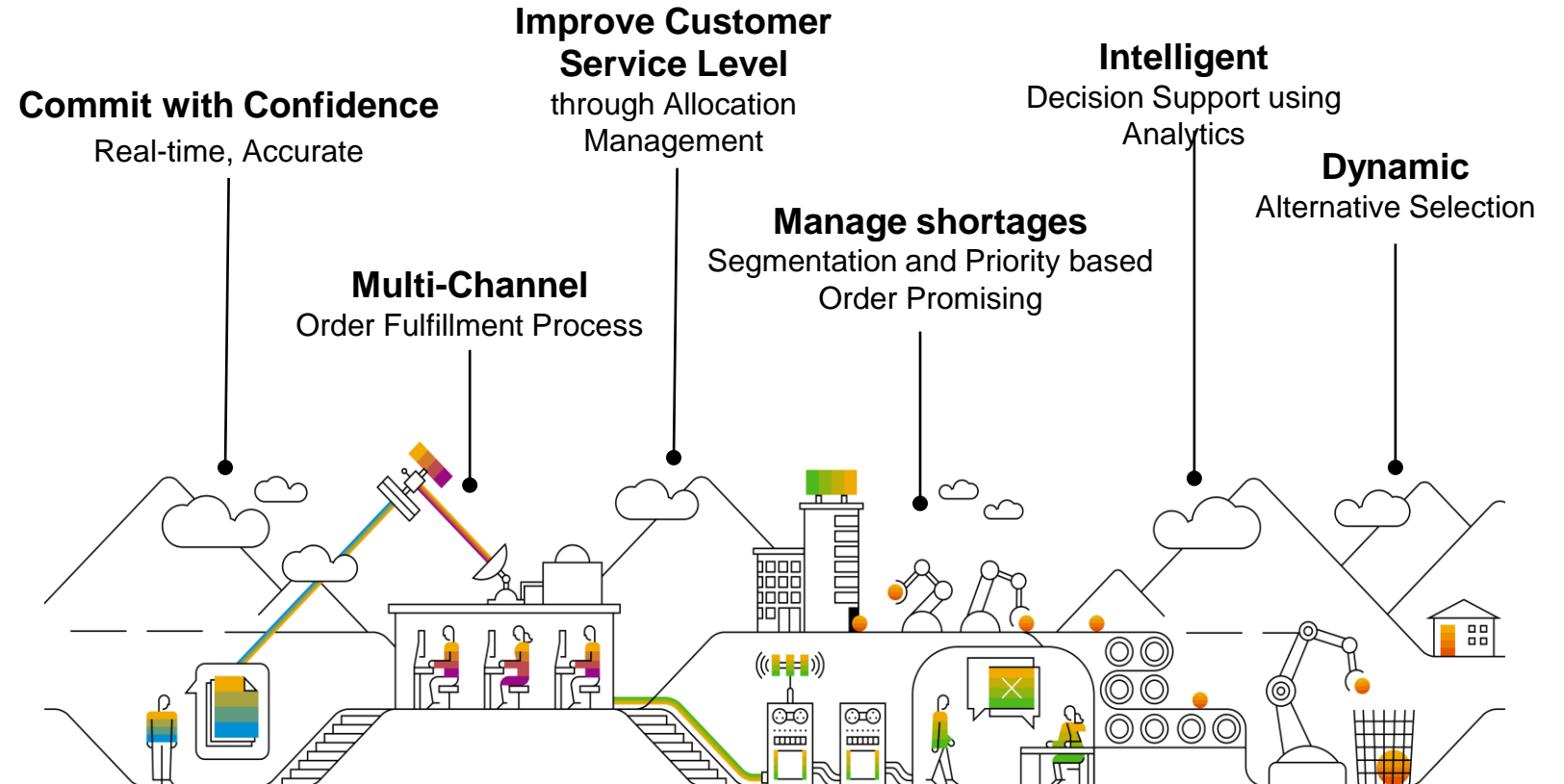
S/4HANA advanced ATP – Value Proposition

38%

‘Organizations where intelligent commitments can be made to accurately schedule delivery dates in real time, have on average **38% fewer orders back-ordered**’

24%

‘In supply shortage situations, organizations using product allocations based commitment incur **average 24% lower Expedited Transportation Spend**’



Intelligent Order Promising Solution Overview



S/4HANA aATP Functional Overview





Product Availability Check (PAC)

Business Needs

- Customer Service Manager needs to confirm the delivery dates and quantities for online-received sales orders based on the current and future stock information
- Queries for 'Available to Sell' from E-Commerce websites.

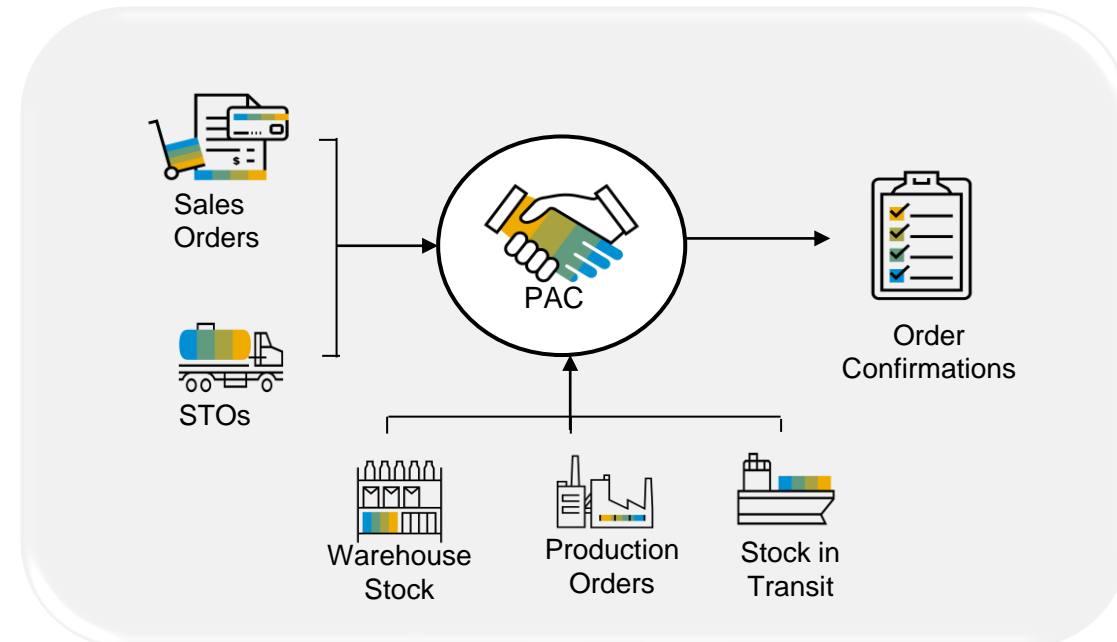


Solution Highlights

- Time phased mass enabled check (parallelization)
- Supply consideration : Current and Future Supply elements
- Demand consideration : Sales Orders (SO) & Stock Transport Orders (STO)
- Checks on Plants, DCs, Sub-Locations and Batch Level
- Supports Product Allocations (PAL), Supply Protection (SuP) and Alternative Based Confirmations (ABC)
- 'Review Availability Check Results' display availability situation of all line items of the sales order
- oData APIs for Product Availability

Business Benefits

- Promise what and when you can deliver accurately in real time
- Avoid over-confirmation and penalties
- Increase customer service level
- Fast response time during online check





Backorder Processing (BOP)

Business Needs

- Orders received via EDI need to be confirmed en masse considering stock availability, business priorities, urgency, profitability, etc
- During mass processing of orders lower priority orders shouldn't get better confirmation results than higher priority ones.

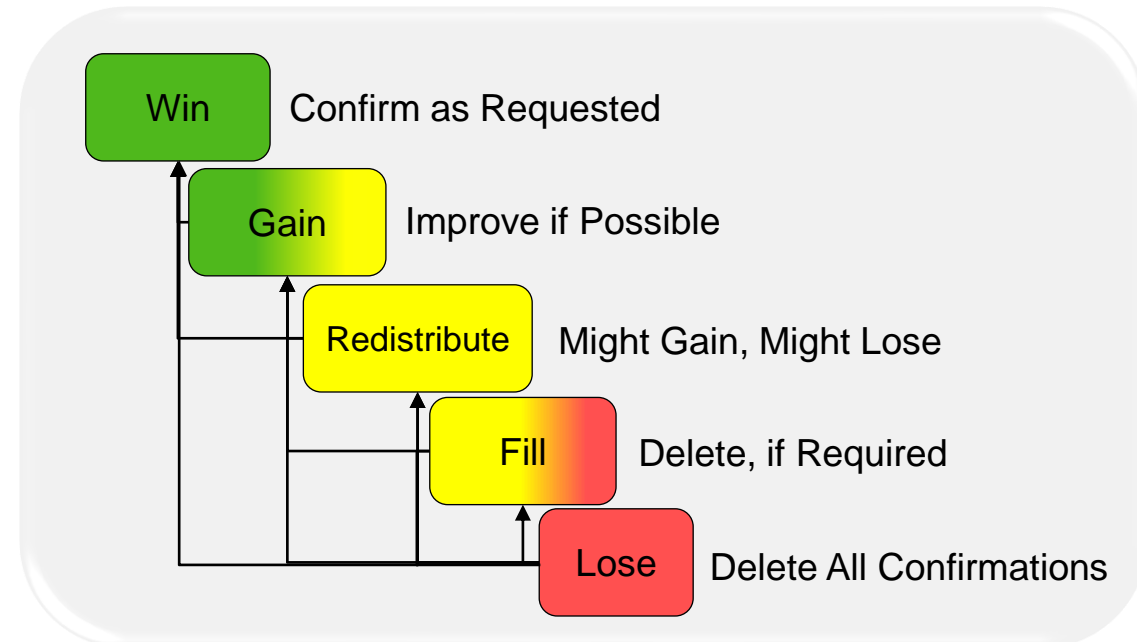


Solution Highlights

- BOP Set Up - Requirement segmentation and classification **Win**, **Gain**, **Redistribute**, **Fill** and **Lose**
- Easy to use 'select option tool' for configuring BOP segments
- Customizable filter and sorter for BOP segments
- Simulation capabilities for BOP segments and BOP Run
- Fiori based BOP Results Monitor
- Automated exception handling with BOP fallback variants
- Supports Product Allocations (PAL), Alternative-Based Confirmations(ABC), Supply Assignment Run (ARun), and Supply Protection (SuP)

Business Benefits

- Manage business priorities and protect customer interest
- Manage multi-channel order fulfillment process
- Significantly faster than traditional rescheduling





Product Allocations (PAL)

Business Needs

- Prevent single customer from buying the entire available quantity and other requests not being satisfied
- Confirm orders against future notional production capacity
- Consider transportation and other delivery constraints while confirming orders

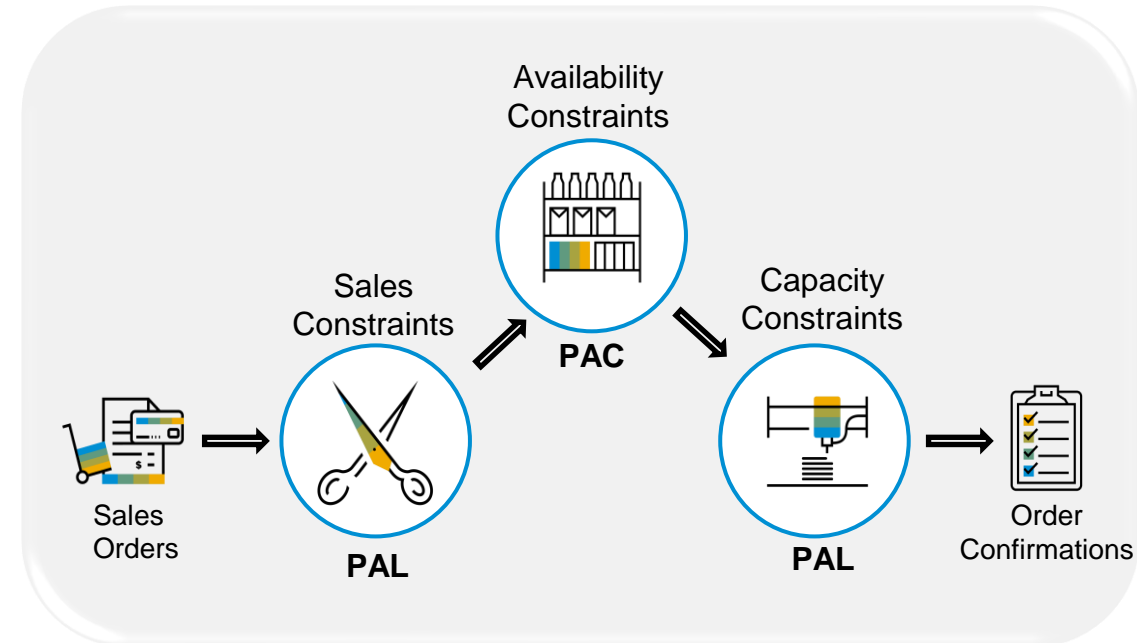


Solution Highlights

- Simple and flexible Product Allocation set-up and maintenance with time dependent assignment to material / plant
- Hierarchical / Sequential allocations (Logical 'OR' for PAL constraints)
- Simultaneous multiple Allocation checks (Logical 'AND' between PAL constraints)
- Excel download and upload for mass maintenance
- Monitor and analyze Product Allocation situation
- Capacity based Product Allocations
- Support Variant Configuration characteristics and custom characteristics
- oDATA APIs for importing / exporting allocation quantities from external systems

Business Benefits

- Manage shortage situations by maintaining sales constraints
- Commit based on capacity during stock unavailability
- Accurately confirm orders based on delivery constraints
- Protect key customers and products, avoid penalties
- Improve customer service levels





Alternative-Based Confirmations (ABC)

Business Needs

- For stock unavailability in one plant, fulfill orders from the inventory in alternative plants
- Choose the best possible substitution based on the current situation than a fixed sequence of alternatives

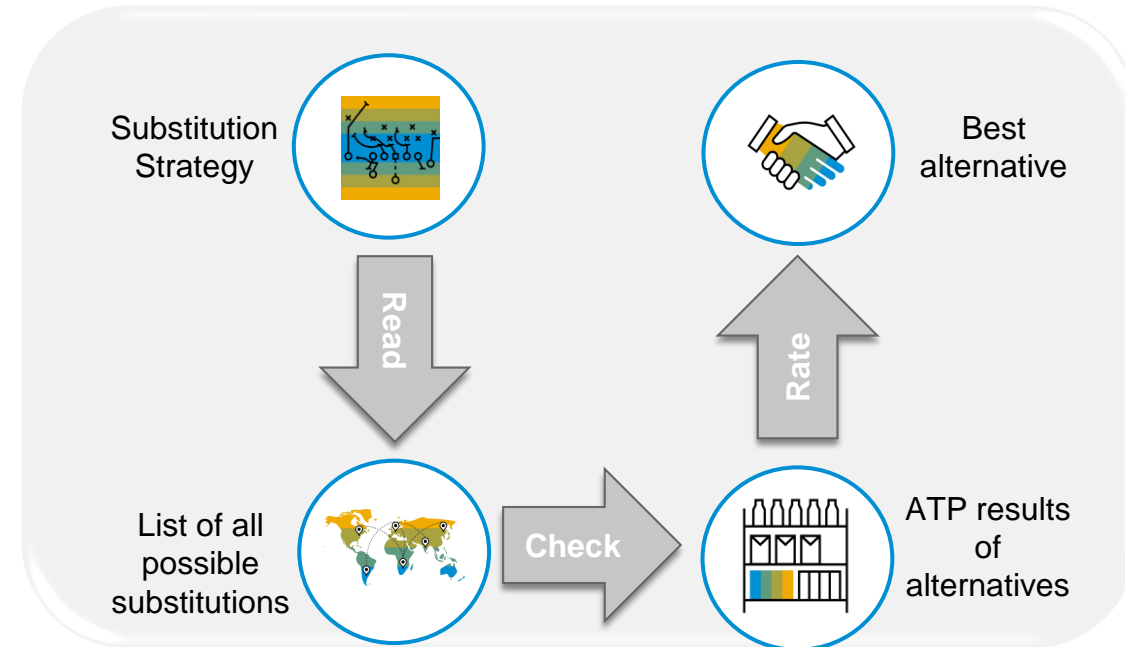


Solution Highlights

- Easy to configure Alternative Control
- Decision to trigger during Sales Order Creation/Change and/or Backorder Processing (BOP)
- Dynamic selection of alternative : **best fit** (vs **first fit**)
- Supports Product Allocations (PAL), Supply Protection (SuP)
- Alternative Determination rules: **Max-Earlier Confirmation, Full Confirmation, On-Time Confirmation**
- Partial confirmations from multiple plants with subitems
- Tie-Breaker logic for equally placed alternatives
- **ABC is only available for Sales Orders**

Business Benefits

- Improve order fill rate by intelligently selecting alternative locations.
- Reduce inventory carrying costs
- Reduce Backorders





Supply Assignment

Business Needs

- Sort the demand (as well as the supplies) based on business rules to assign the right stock to the most important demand especially in supply shortage situations
- Ensure hard commitments for demands and assign the relevant supply to the appropriate orders from the point of order promising to final delivery.
- Need to monitor the supply demand situation and modify the assigned stocks easily.

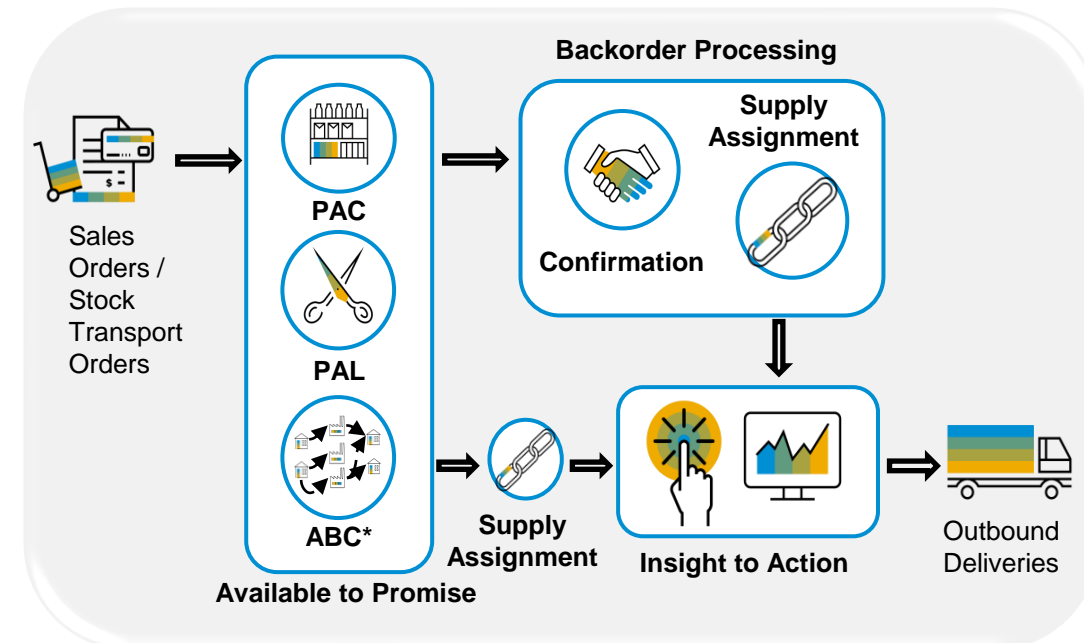


Solution Highlights

- Perform Supply Assignment Run for relevant materials in Backorder Processing (BOP) using all core functionalities of BOP Configuration, BOP Run and BOP monitor.
- Flexibility to consider future supplies within a specified horizon, rules to sort supplies, and option to retain or delete previous assignments.
- Proportional Distribution for Fair-Share distribution of stocks
- Insight to Action** tool to evaluate the assignment situation and to enable the user to take manual actions like create/change existing assignments, create outbound deliveries
- In **Supply Assignment Overview** Apps do flexible and detailed analysis of supply and demand situation for different dimensions and KPIs, in both graphical and tabular formats

Business Benefits

- Improve delivery performance for important customers
- Improve customer service levels by ensuring right stock to right demand in a supply shortage situation
- Take informed decisions by analyzing supply and demand situation for assigned orders



*ABC is only available for Sales Orders



Supply Protection

Business Needs

- During supply shortage situation certain customers or regions need minimum guarantee of supply.
- Orders from higher priority customers or channels should have better fulfillment than lower priority orders.

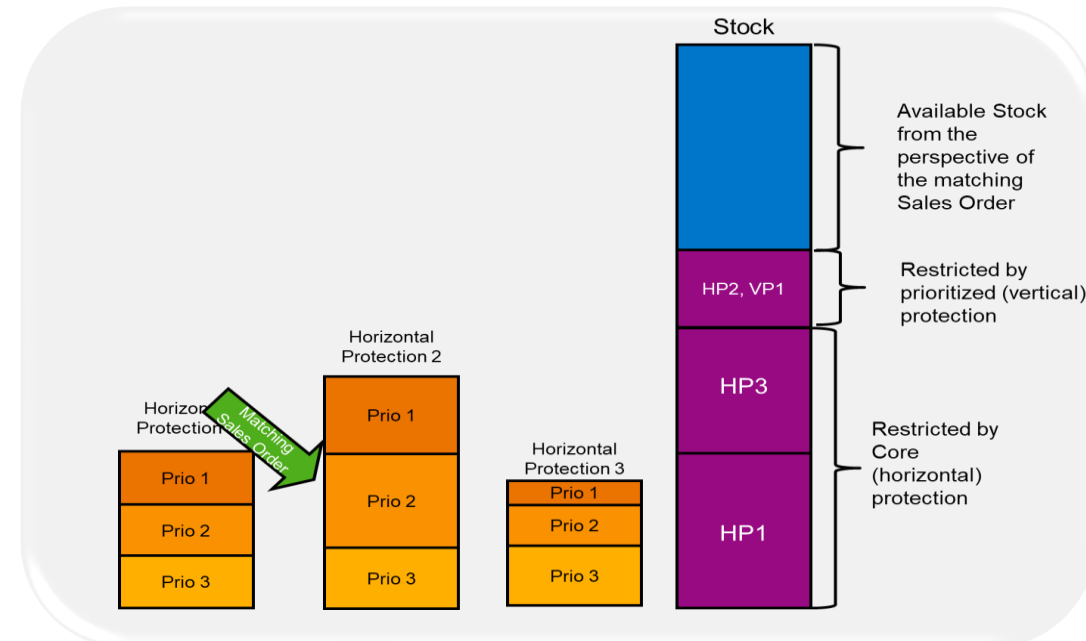


Solution Highlights

- Order fulfillment manager can protect quantities of a material in a specific plant against other competing demands using "Manage Supply Protection" App.
- Supply protection can be done as core (**horizontal**) protection where complete groups are protected against each other or as prioritized (**vertical**) protection where the protection is prioritized, and every group is only protected against the demand of a lower priority.
- Core and prioritized protection can be combined.
- Protection can be defined based on characteristics assigned via 'manage characteristics catalog.'

Business Benefits

- Protect interests of key customers / sales group
- Avoid escalations during stock-out situation
- Optimize profitability by providing better fulfillment to more lucrative orders





ATP Analytics

Business Needs

- Analyze and monitor Product Allocation data to understand the product allocation situation
- After Supply Assignment Run, analyze the Supply and Demand situation to take necessary actions.

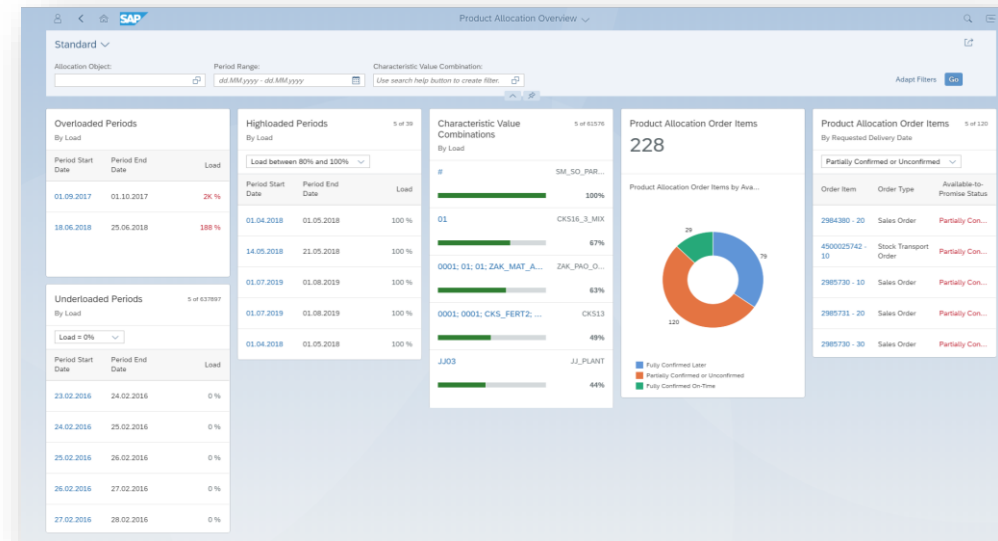


Solution Highlights

- In the **Product Allocations Overview App**.
 - Drill down and analyze the product allocation situation for product allocation objects, characteristic value combinations in different periods.
 - Drill down into order items and identify all consumed product allocation quantities and the order in which the quantities have been consumed

Business Benefits

- Better understanding and monitoring of overall and detailed Product Allocation situation





Interactive ATP

Business Needs

- Need to make last minute manual changes to confirmation quantities of orders in case of escalations from customers.
- Avoid over-confirmation situation during manual changes.
- Easy to find and manipulate orders that the Order Fulfillment Manager is responsible for.



Solution Highlights

- FIORI based interactive changes to sales order confirmations before releasing the orders to delivery
- Impact simulation of current ATP situation
- Direct navigation to Sales Order
- Display of Batch and Allocation restrictions. (Order with Product Allocations cannot be modified to avoid over confirmation situation)
- Visual representation of the stock situation of a material/plant
- Worklist refresh before releasing changes to accommodate background changes

Business Benefits

- Intuitive and fast reassignment of stocks
- Impact analysis while confirmation changes



Release for Delivery

RFDY FIT Material: Check Level
Material: DB_R4D_FIT_CHECK_LEVEL
Plant: DBFT - Karlsruhe I
Horizon: 96 h

45 40 80
Confirmed Quantity: 45 Available Quantity: 40
Unconsidered Qty: 0

SD Document	Sold-To Party	Delivery Priority	Sales document type	Document Date	Req. Mat. Avail. Dte	Shipping Dates	Confirmation	Constrained By
31259	Bossmann & Friends FIT GmbH 11112	02 - Normal Item	OR - Standard Order (OR)	19.05.2017	19.05.2017 +46 days	Wed, 05.07. Wed, 05.07. Wed, 06.07.	0 EA	
31251	Bossmann & Friends FIT GmbH 11112	01 - High	OR - Standard Order (OR)	19.05.2017	19.05.2017 +46 days	Wed, 05.07. Wed, 05.07. Wed, 06.07.	5 EA	
31250	Bossmann & Friends FIT GmbH 11112	02 - Normal Item	OR - Standard Order (OR)	19.05.2017	19.05.2017 +46 days	Wed, 05.07. Wed, 05.07. Wed, 06.07.	40 EA	
31252	Bossmann & Friends FIT GmbH 11112	02 - Normal Item	OR - Standard Order (OR)	19.05.2017	19.05.2017 +46 days	Wed, 05.07. Wed, 05.07. Wed, 06.07.	70 EA	

S/4HANA advanced ATP – Screenshots

Requirement	Material	Plant	Confirm. Strategy	Recipient	Segment Name	Request	On-Time Confirmation	Earliest Confirmation	Overall Confirmation	Processing Status	Confirm on Status
29605	000080 (0001)	CP1020	1010	Win	E-MARKT	05/29/2018	0 PC	05/29/2018	05/29/2018	✓	☐
36502	000070 (0001)	CP1020	1010	Win	REALTECH	05/29/2018	0 PC	05/29/2018	05/29/2018	✓	☐
29605	000070 (0001)	CP1020	1010	Gain	E-MARKT	05/29/2018	0 PC	05/29/2018	05/29/2018	✓	☐
36502	000060 (0001)	CP1020	1010	Redistribute	REALTECH	05/29/2018	0 PC	05/29/2018	05/29/2018	✓	☐

W AVAILABILITY CHECK RESULT

Item	Material	Plant	Confirmed Del. Date	Confirmed Quantity
10	SAUVIGNON BLANC 2010 AK_WINE_SAUUVIGNON_BLANC_2010	AK01 - Karlsruhe	24.06.2020	16 / 100 EA
20	PINOT GRIGIO 2010 AK_WINE_PINOT_GRIGIO_2010	AK01 - Karlsruhe	24.06.2020	10 / 150 EA
30	PINOT GRIGIO 2011 AK_WINE_PINOT_GRIGIO_2011	AK03 - Karlsruhe AK02 - Freiburg	24.06.2020	20 / 136 EA
40	PINOT GRIGIO 2012 AK_WINE_PINOT_GRIGIO_2012	AK03 - Karlsruhe Multiple Plants	24.06.2020	70 / 200 EA
			11.09.2020	+ 20
			11.11.2020	+ 18
			11.11.2020	108 / 200 EA
			24.06.2020	10
			24.06.2020	20
			24.06.2020	20
			11.11.2020	+ 18
			11.11.2020	38
			24.06.2020	20
			11.09.2020	+ 30
			11.09.2020	40

Review Availability Check Results

Requirement	Confirmation Strategy	Segment Name	Request	Overall Confirmation	Plant Substitution	Processing Status	Confirmation Status
2938274	000010 (0001)	DB_ABC_REQUIREMENTS	13.06.2019 (CET) 50 EA	13.06.2019 (CET) 10 EA → 50 EA	Z	✓	☐

Confirmation Details	
Date	Plant
13.06.2019 (CET)	DB01 (Achern I)
13.06.2019 (CET)	DB02 (Karlsruhe I)
Overall	10 EA → 50 EA

Alternative Based Confirmations



Backorder Processing

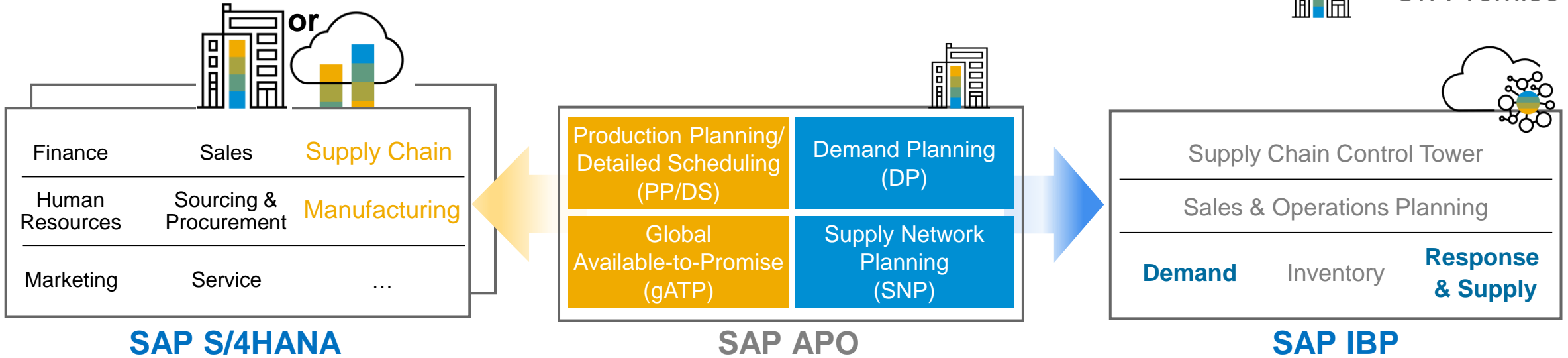
Product Allocations

SAP S/4HANA aATP Positioning



APO Succession with S/4HANA and IBP

 = Cloud
 = On Premise



Execution

Closer to execution, Orchestrating the network to find the right fulfillment

Plant-Centric Planning

Unified Manufacturing Processes – Plan to Produce in ONE System

Promise to Market

SAP S/4 HANA



- Detailed Scheduling
- Production Execution
- Order Promising

SAP IBP



- Response & Supply
- Deployment Planning
- Allocation Planning

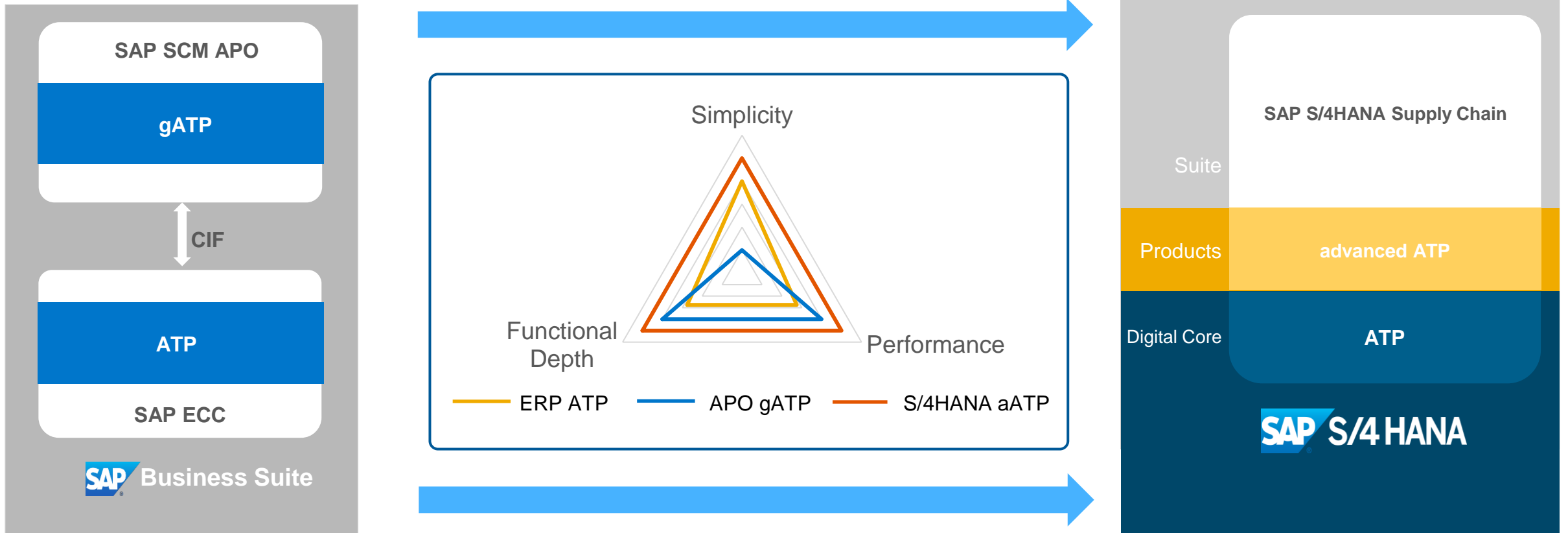
Planning

Strategic, Tactical and Operational Planning

Network-Centric Planning

Innovative & Re-architected Supply Chain Planning Processes

The SAP ATP Evolution



- **S/4HANA advanced ATP is developed natively in S/4HANA Enterprise**
- **No technical migrations available from APO gATP to S/4HANA aATP . Licenses can be converted using standard conversion policy**
- **In S/4HANA On Premise, ATP in digital core is same as the SAP ECC ATP**
- **In S/4HANA Cloud, ATP in digital core has only Product Availability Check (PAC) and Backorder Processing (BOP)**

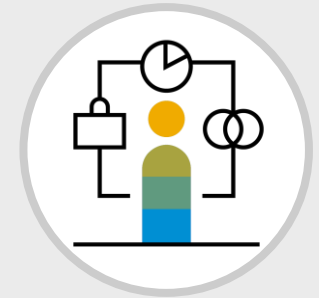
S/4HANA (basic) ATP and SAP S/4HANA advanced ATP



advanced Available to Promise (aATP)

- Mass enabled fast availability check**
- Backorder processing with intuitive requirement classification**
- Use-case-driven product allocation check
- FIORI App for Release for Delivery
- Intelligent and automated selection of best confirmation considering alternative plants and substitutable materials
- Review Availability Check Results
- Supply Assignment to ensure guaranteed delivery
- Supply Protection for key customers during short-supply
- Advanced transportation scheduling (integration with SAP TM)*
- Capable to Promise functionalities (integration with Production)*

Faster, Simpler and More Intelligent Order Commitment



Available to Promise (ATP)

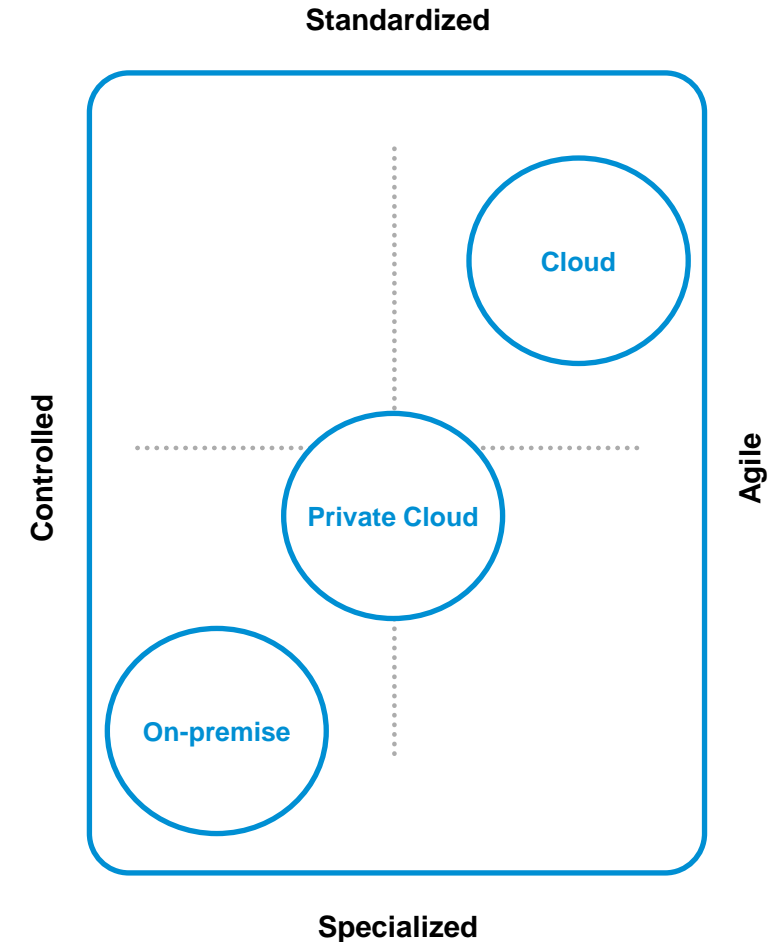
- Product availability check
- Basic allocation check
- Manual material determination
- Semi-manual plant substitution
- Material-/plant-based Backorder processing for sales orders (rescheduling)
- Simple transportation and shipment scheduling based on days (and hours)



basic availability check

SAP S/4HANA aATP available in all Deployment Options

	Business goals	Licensed via	Governed by	Innovation Cycle	Adapted through
Cloud	Maximize agility with standardized business processes, rapid innovation, fast time-to-value, lowest TCO, incredible agility 99.9% uptime guarantee	Subscription	SAP Shared	Up to four times per year	Configuration
Private Cloud	Balance specialization with agility. Key cloud benefits delivered by SAP, with support for highly-complex processes. Focus on capacity for specialization while enjoying cloud benefits. Running on hyperscalers.	License + Subscription License + IaaS cost	Customer	Annual	Configuration and code modification
On-premise	Maximize capacity for specialization. Running on customer's cloud or on-premise. Enable highly-complex or customer-specific business processes.	License + OpEx			

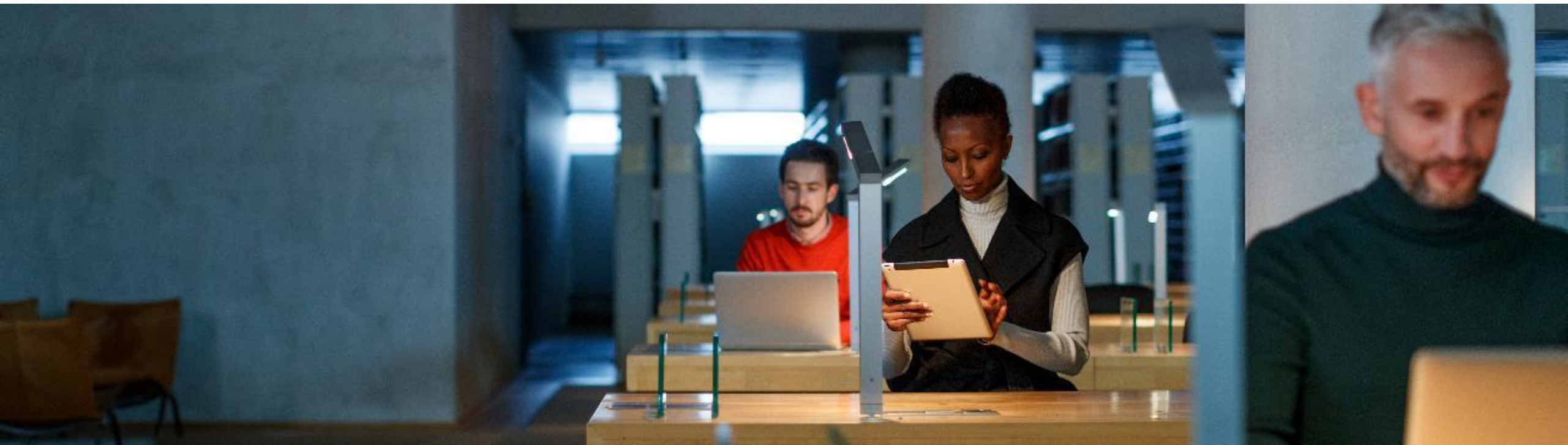


SAP S/4HANA advanced ATP operates in the digital core of SAP S/4HANA Enterprise and uses its master and transaction data.

SAP S/4HANA doesn't consider master and transaction data residing in other S/4HANA or ECC instances.

OData APIs* need to be used to access ATP information in other S/4HANA instance

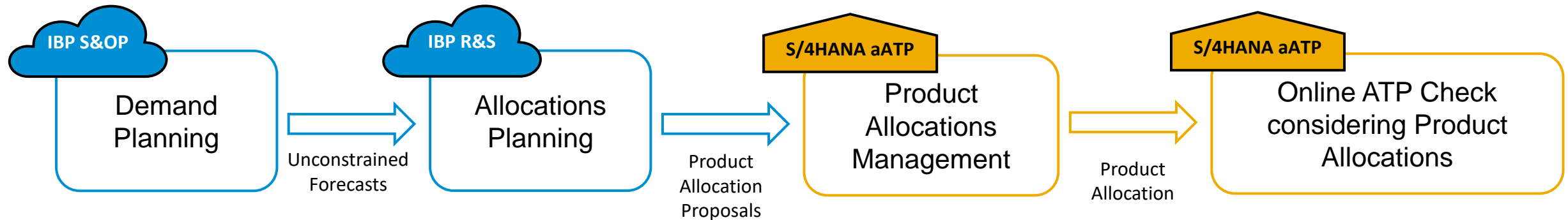
Customer Use Cases / Success Stories



Customer Adoption Highlights

- **250+** customers **licensed** in On Premise, Private Cloud and Public Cloud
- **100+** customers using aATP **productively**
- Customers from all industry segments – **Hi Tech, Consumer Products, Life Sciences, Retail, Wholesale, Fashion, Chemicals, Automotive, Mill Products and Mining , Industrial Machinery and Components, et al**
- Customer Segment : **Large, Mid and Small**
- Customer Region : **All geographies**

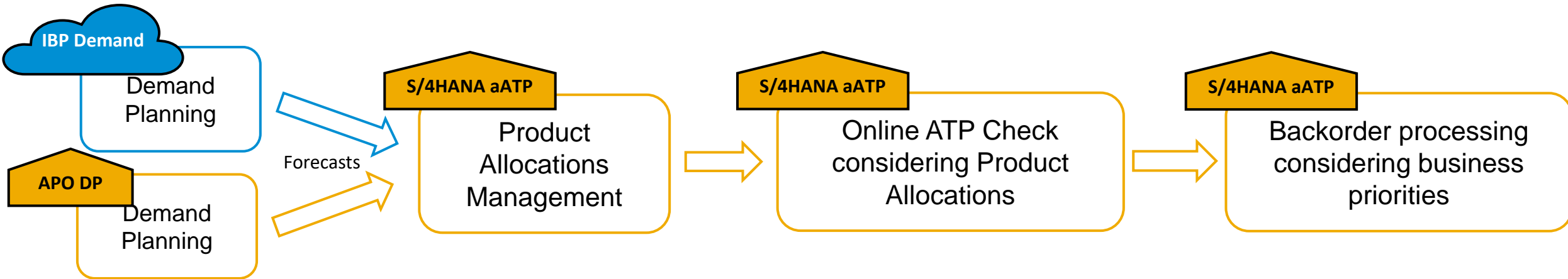
A leading **Medical Equipment Devices Manufacturer** uses an integrated scenario of **SAP IBP** and **S/4HANA advanced ATP** to effectively **Allocate Supplies to Sales Orders** improving **profitability** and **service levels**



Solution Highlights

- Statistical and Consensus Forecasting using IBP – Sales & Operation Planning
- Supply Planning using IBP- Response and Supply
- Constrained Forecast Run using IBP- Response and Supply restricting regional distribution of stocks
- Product Allocation Proposals are imported to S/4HANA aATP using oData APIs
- Product Allocation Management in S/4HANA aATP (changes are minimal)
- Sales Orders undergo Product Allocations (PAL) and Product Availability(PAC) checks during sales order creation and change.
- Nightly batch job to reschedule the orders using Backorder Processing

A large Computer Hardware and Accessories Manufacturer uses S/4HANA advanced ATP to promise orders according to set business rules and priorities.



Solution Highlights

- Transition from APO gATP to S/4HANA advanced ATP
- Forecasts from APO DP and IBP Demand are imported to S/4HANA and subsequently used as Allocations in S/4HANA
- Product Allocations are based on standard and custom fields, and uses both forward and backward consumptions
- Master data and transactional data coming from external system via EDIs
- Sales Order created in S/4HANA undergoes online ATP checks.
- Nightly BOP run considering all orders in system sorted by requested delivery date using different BOP segments
- Subsequent BOP runs are triggered on need basis

Intelligent Order Promising Roadmap



Disclaimer

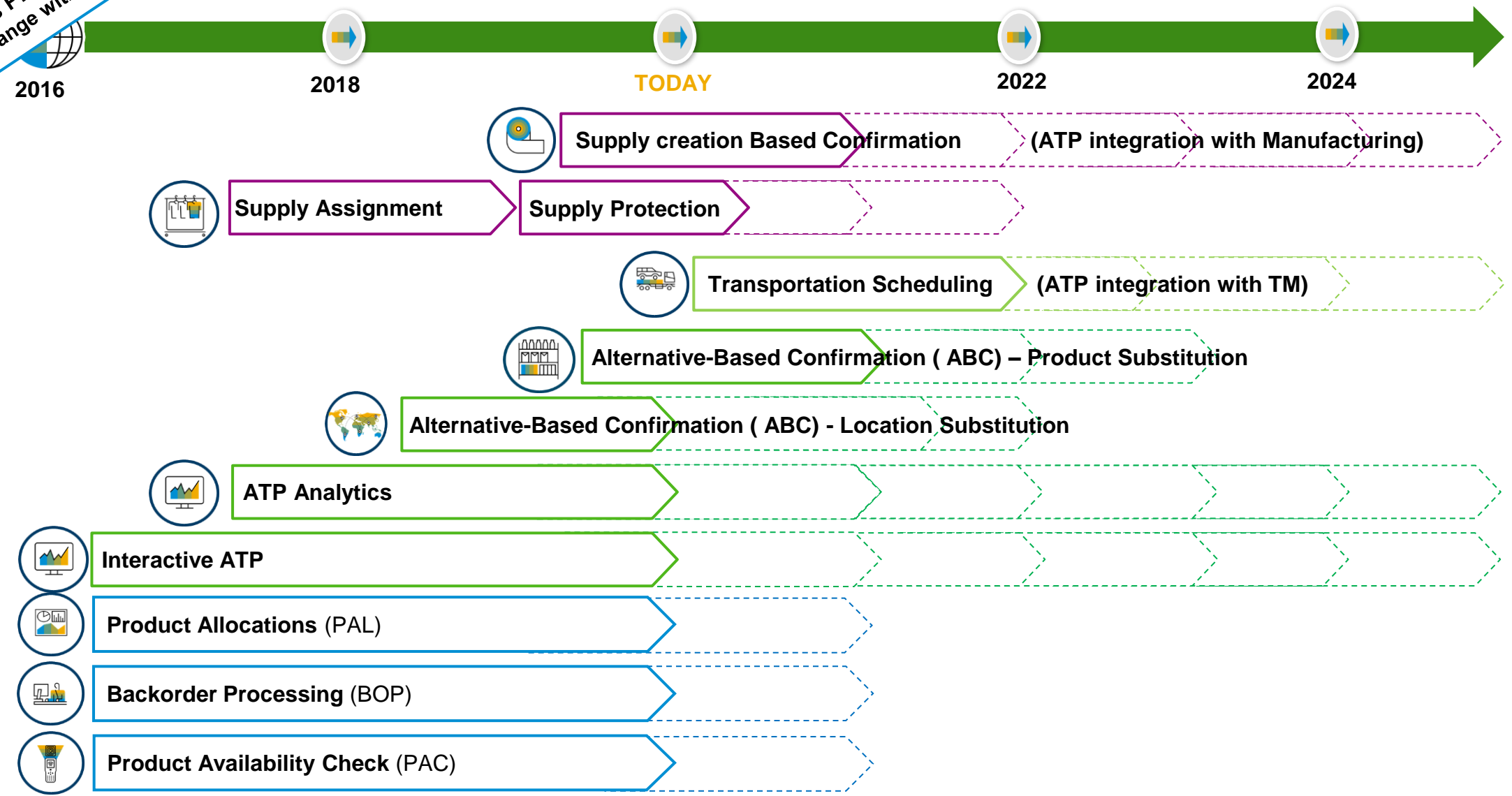
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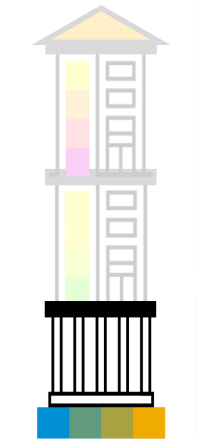
S/4HANA Advanced ATP : Key Functionality Roadmap

Labs Preview
(Subject to change without warning)





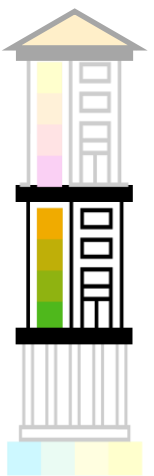
Labs Preview
(Subject to change without warning)



Foundation Functionalities

	Available	Planned	Future	Vision
Product Availability Check (PAC)	<ul style="list-style-type: none"> Mass enabled product availability check in daily bucket. Checks on Plant, Sub-Location and Batch Level. Confirmation Distribution to manage intermittent availability of supply oData APIs for Product Availability Check 	<ul style="list-style-type: none"> PAC Check in sub-daily / custom time bucket / cut-off times Flexible confirmation customization (e.g. zero confirmation after certain time horizon) Further customizable Scope of Check (ATP categories) Bow-Wave / Quarantine / Maturation processes Parameter dependent safety stock 		
Back Order Processing (BOP)	<ul style="list-style-type: none"> BOP Set Up - Requirement segmentation and classification Filter and Sorter for BOP segments BOP Results Monitor Automated exception handling with BOP fallback variants Select Option Tool for BOP segments Simulation for BOP segments 	<ul style="list-style-type: none"> Fair Share Distribution Net Change Filter (EDQA) 	<ul style="list-style-type: none"> Flexible monitoring via custom aggregations Configurable confirmation strategy 	
Product Allocations (PAL)	<ul style="list-style-type: none"> Product Allocation Set Up Product Allocation Checks during PAC and BOP Excel upload/download for mass maintenance PAL Sequence (Logical 'OR') Simultaneous multiple PAL checks (Logical 'AND') Capacity based Allocations oData APIs for Product Allocation Quick Edit for maintaining Product Allocation data Support of Variant Configuration characteristics 	<ul style="list-style-type: none"> Usability improvements Performance enhancements 		<ul style="list-style-type: none"> Support and integrate with new / future scenarios and processes
Cross Topics	<ul style="list-style-type: none"> Field catalogue to manage influencing characteristics Granular Authorization for characteristics catalogue STO Support for PAC, BOP and PAL 	<ul style="list-style-type: none"> oData API for simulative ATP check (PAC & PAL) Support of Scheduling Agreements w/o call off 		<ul style="list-style-type: none"> oData API for ATP quantity reservation Support of Scheduling Agreements with call off

Labs Preview
(Subject to change without warning)



Cross Industry Functionalities



	Available	Planned	Future	Vision
Alternative Based Confirmations (ABC)	<ul style="list-style-type: none"> ABC set-up and control. Location substitution during order creation, change and Back Order Processing. Partial plant substitution with subitems. Support Product Allocations. New substitution master data for Product Substitution 	<ul style="list-style-type: none"> Product substitution during order creation, change and Back Order Processing Enhancement of substitution master data to include locations, sub-locations, etc Additional standard and customizable. determinations to define best alternative Simultaneous product and location substitution 	<ul style="list-style-type: none"> Consolidation of locations Selection of best alternative for multiple order line items (aka: MISL) 3rd party direct shipment Characteristics substitution for configurable materials Means of transport substitution 	
Interactive ATP	<ul style="list-style-type: none"> Release for Delivery App Review Availability Check Results (RACR) 	<ul style="list-style-type: none"> Manual selection of alternatives Change of confirmations in RACR 		<ul style="list-style-type: none"> Interactive Mass Processing of Orders**
Analytics	<ul style="list-style-type: none"> Product Allocation Overview and Monitor 	<ul style="list-style-type: none"> Further explanations in RACR 		<ul style="list-style-type: none"> Availability Overview ATP Results Overview and Monitoring
Miscellaneous	<ul style="list-style-type: none"> Supply Protection Set-up and maintenance Consideration of Horizontal and Vertical supply protection during ATP check 	<ul style="list-style-type: none"> Usability enhancements to Supply Protection Consideration of transportation constraints during ATP check Transportation Shipment Scheduling using SAP TM & OVD for calendar and durations ATP integration with other S/4HANA modules (Service Order, Material Reservation) Qualtrix integration (Starting with ABC) Cross-S/4HANA ATP / central S/4HANA aATP Machine learning capabilities 		

*Functionalities would follow Quarterly release cycle of SAP. For more recent updates, please refer www.sap.com/roadmaps

** (formerly eBOPI)

S/4HANA

Advanced ATP : Current State and Roadmap*

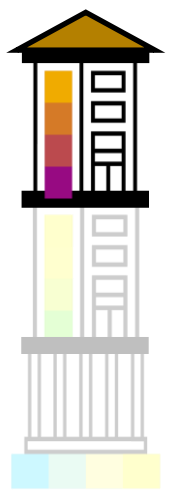
Available: As of 2020 OP Release

Planned: 2 to 8 Quarters

Future: 8 to 16 Quarters

Vision : Beyond 16 Quarters

Labs Preview
(Subject to change without warning)



Industry Specific Functionalities

Industry	Available	Planned	Future	Vision
Fashion	<ul style="list-style-type: none"> Supply Assignment Run Insight to Action to manage assignments Supply Assignment Analytics Proportional distribution during supply assignment ATP support of Segmentation** 	<ul style="list-style-type: none"> ATP Support of N:M Segmentation Granular control of Supply Assignment during BOP run 		
Mill / IM&C	<ul style="list-style-type: none"> Capacity based Allocations Considerations of Variant Configuration characteristics in Product Allocations 	<ul style="list-style-type: none"> Supply creation Based Confirmation (simple scenarios) (ATP integration with embedded PP/DS to enable Capable-to-Promise) 	<ul style="list-style-type: none"> Supply-creation based confirmation from multiple sources (complex scenarios) Multi-level ATP (production and procurement) Characteristic Substitution based ATP 	
Automotive / Hi Tech	<ul style="list-style-type: none"> Product Substitution master data for extended Service Parts Planning 	<ul style="list-style-type: none"> Product substitutions for real alternatives (logical OR) Product substitution for KITs (logical AND) 		
CP / Retail / Life Sciences	<ul style="list-style-type: none"> Consideration of batches during ATP check 	<ul style="list-style-type: none"> Distributed Order Management Consideration of Batch Characteristics [Shelf Life] Consideration of Stocks in Transit warehouses / vehicles 		

*Functionalities would follow Quarterly release cycle of SAP. For more recent updates, please refer www.sap.com/roadmaps

** Requires Fashion license

Further information ...

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Shows implementation options for SAP S/4HANA and guides you to relevant documents.

What's New
New and changed features in this release
English (5)
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Solution Road Maps
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Product Road Maps
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ATP

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Thank you.