aATP-Product Allocation

Ruthvik Chowdary
SME – S/4HANA Logistics
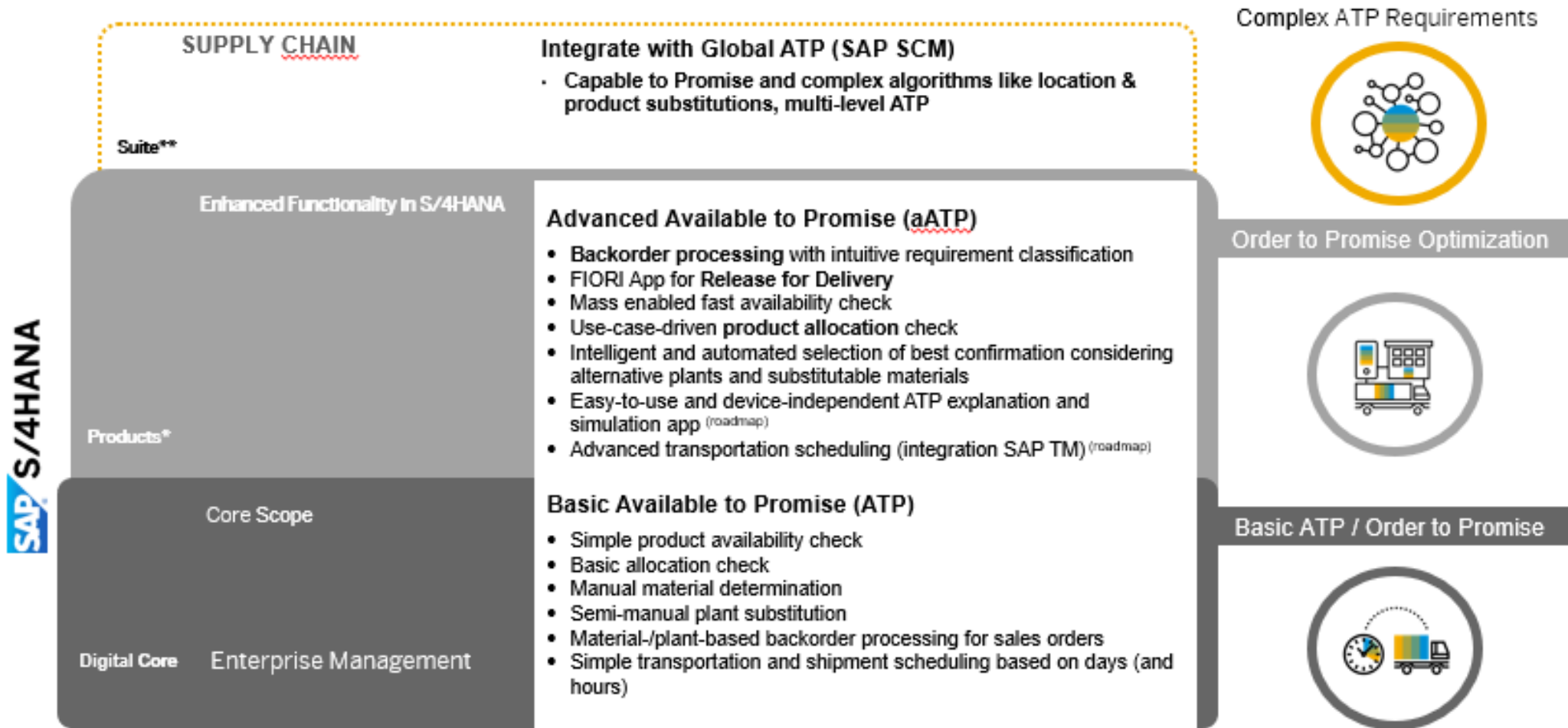
Agenda

1. What is aATP

2. Product Allocation
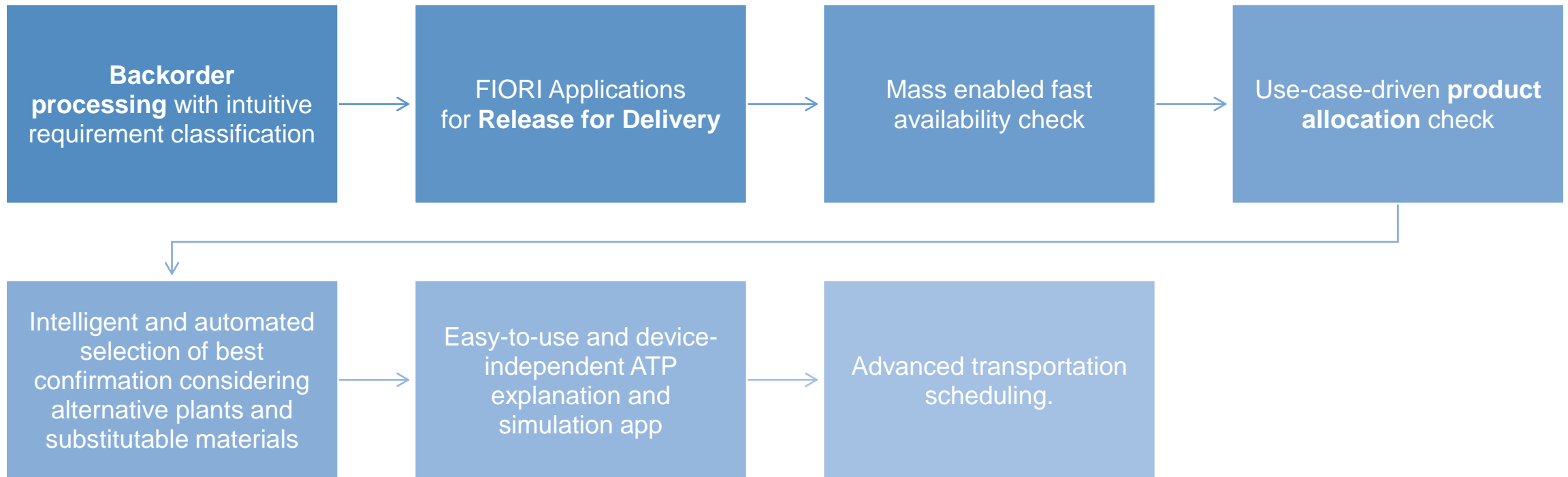
3. Demo

1

What is aATP

Available to Promise in SAP S/4HANA

SUPPLY CHAIN

Suite**

Integrate with Global ATP (SAP SCM)

- Capable to Promise and complex algorithms like location & product substitutions, multi-level ATP

Complex ATP Requirements

Enhanced Functionality in S/4HANA

Products*

Advanced Available to Promise (aATP)

- Backorder processing with intuitive requirement classification
- FIORI App for Release for Delivery
- Mass enabled fast availability check
- Use-case-driven product allocation check
- Intelligent and automated selection of best confirmation considering alternative plants and substitutable materials
- Easy-to-use and device-independent ATP explanation and simulation app (roadmap)
- Advanced transportation scheduling (integration SAP TM) (roadmap)

Order to Promise Optimization

Core Scope

Basic Available to Promise (ATP)

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

Basic ATP / Order to Promise

Digital Core Enterprise Management

SAP S/4HANA

4

What is aATP

Backorder processing with intuitive requirement classification	FIORI Applications for **Release for Delivery**	Mass enabled fast availability check	Use-case-driven **product allocation** check

Intelligent and automated selection of best confirmation considering alternative plants and substitutable materials	Easy-to-use and device-independent ATP explanation and simulation app	Advanced transportation scheduling.

advanced Available to Promise (aATP) for SAP S/4HANA
Key Innovations

Product Availability Check

- Support of Segmentation: you can include customer-specific stock segments
- APIs for Product Availability Display
- Basic Product Availability Information API

Product Allocations

- Product Allocation Sequence: you can create product allocation sequences which can be used to confirm requested quantities during availability checks for sales orders and stock transport orders.
- Flexible Field Catalogue
- APIs for maintaining Characteristic Values

Backorder Processing

- Support of Stock Transport Orders
- Supply Assignment
- Usability improvements of SAP Fiori UX
- Simplification improvements for the creation and maintenance of BOP variants have been implemented
- New SAP Fiori app for creating and scheduling jobs for executing backorder processing

Release for Delivery

- Customizable Impact Bar
- Support of Storage Locations and Batches
- Support of multiple confirmed schedule lines
- Consolidate delivery creation on sales order level

aATP- Advanced Available to Promise?

- To Activate in Configuration

Display IMG

Existing BC Sets | BC Sets for Activity | Activated BC Sets for Activity | Release Notes

Structure

- Conversion of Accounting to SAP S/4HANA
- SAP NetWeaver
- Enterprise Structure
- Cross-Application Components
  - Processes and Tools for Enterprise Applications
  - SAP S/4HANA Financial Closing cockpit
  - SAP HANA Cloud Platform Integration
  - Notification
  - SAP Jam Integration
  - European Monetary Union: Euro
  - Document Management
  - Classification System
  - Integrated Product and Process Engineering (iPPE)
  - Engineering Change Management
  - CAD Integration
  - Plant Data Collection
  - Time Sheet
  - Financial Conditions
  - Calendar Upload for Financial Services
  - General Application Functions
  - Advanced Available-to-Promise (aATP)
    - Configuration Activities for Specific Document Types
    - Application Log
    - Product Availability Check (PAC)
      - Define Business Scenario for Availability Check
      - Define Availability Check Group

Change View "Availability Check Control": Overview

New Entries

Av	Description	TotalSales	TotDlvReqs	Block QtRq	No PAC	Accumul.	RelChkPlan	Advanced ATP
01	Daily requirements	B	B	☐	☐			Inactive
02	Individ.requirements	A	A	☐	☐			Inactive
CH	Batches	A	A	☐	☐			Inactive
DR				☐	☐			Inactive
KP	No check			☐	☑			Inactive

Product Allocation Business Requirement

Advanced Available to Promise Subtopics

- aATP BOP
- aATP PAC
- aATP ABC

- Use full links

- [What's New in Advanced Available-to-Promise (aATP) Highlights 1909 | SAP Blogs](#)

- [Advanced Available-To-Promise (aATP) with Back Order Processing in HANA 1809 | SAP Blogs](#)

- [SAP S/4HANA Product Allocation Process | SAP Blogs](#)

- [Back Order Processing with aATP - YouTube](#)

Thank You

Ruthvik Chowdary

SME – S/4HANA Logistics

To keep in Touch

LinkedIn :-
https://www.linkedin.com/in/ruthvikchowdary/

Facebook:-
https://www.facebook.com/ruthvik.003/

YouTube:-
https://www.youtube.com/c/RuthvikChowdary

Twitter:- https://twitter.com/ChowdaryRuthvik

Own Website:- https://www.ruthvik.org/

SCN:-
https://people.sap.com/ruthvik.chowdary2

Discord:- https://discord.gg/BpGgJvsBN7