THE DIGITAL ENTERPRISE A Manufacturer's SAP Innovation Journey

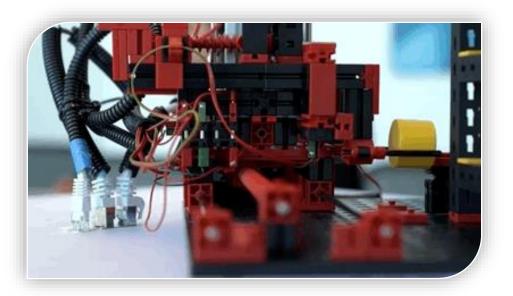
ASUG Ohio | June 2, 2023

Bernd Baier SAP Business Development Manager CNT Management Consulting Inc



Session Highlights

- An SAP Story about how a Manufacturing Company is running completely on SAP Solutions
- Show an end-to-end business process across multiple SAP Solutions, including:
 - 1. Quote-2-Plan (SAP CX/ Sales Cloud, CPQ, ...)
 - 2. Source-2-Order (SAP MM, Ariba, ..)
 - 3. Plan-2-Manufacture (SAP PP/DS, DMC, ...)
 - 4. Incident-2-Service (SAP CX/ Service Cloud, FSM, ...)



The Digital Enterprise Showcase is also available as Live Demonstration



Sponsored by:







- Introduction
- The Digital Enterprise Story
 - The Sales Story from Quote to Plan
 - The Procurement Story from Source to Order
 - The Manufacturing Story from Plan to Manufacture
 - The Service Story from Incident to Service Fulfilment
- Takeaways, Q&A



CNT Management Consulting





CNT Portfolio



SAP Business Transformation

- #rise2s4 conversion package to RISE with SAP
- #run2s4 conversion package ECC to SAP S/4HANA
- SAP S/4HANA pre-studies and roadmaps
- SAP S/4HANA greenfield implementations
- SAP S/4HANA brownfield conversions

SAP Consulting

- Functional SAP consulting
- Global business processes and templates
- End-to-end SAP implementations and rollouts
- Integration management
- SAP master data and data migration
- Program-, project-, and change management

SAP Cloud Solutions

- SAP S/4HANA Cloud and RISE with SAP PCE
- SAP Ariba / Spend and SAP Business Networks
- SAP CX, CS / Customer Experience, Service Cloud
- SAP IBP/ Integrated Business Planning
- SAP SuccessFactors and Concur
- SAP DMC/ Digital Manufacturing Cloud
- SAP BTP/ Business Technology Platform

SAP Industry Best Practices

- Industry-specific end-to-end processes
- Plug-in solutions for industrial manufacturing
- Industries: Manufacturing, Industrial Manufacturing, Regulated Industries, and various others

CNT is an SAP implementation firm covering the complete SAP spectrum

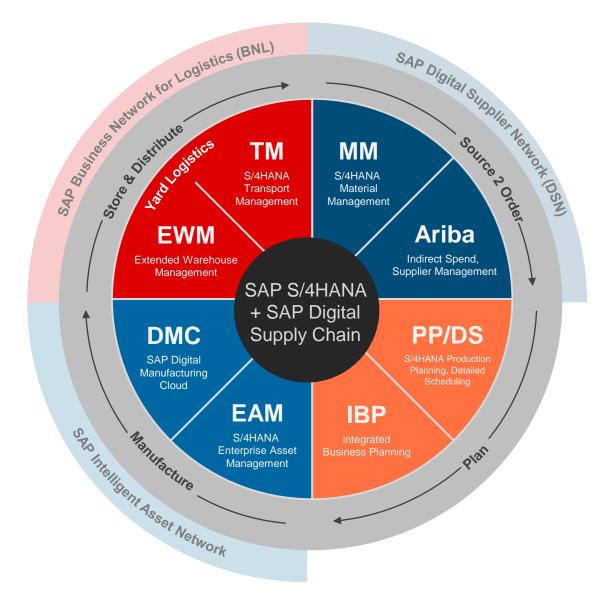


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Integrated Digital Supply Chain with and around SAP S/4HANA





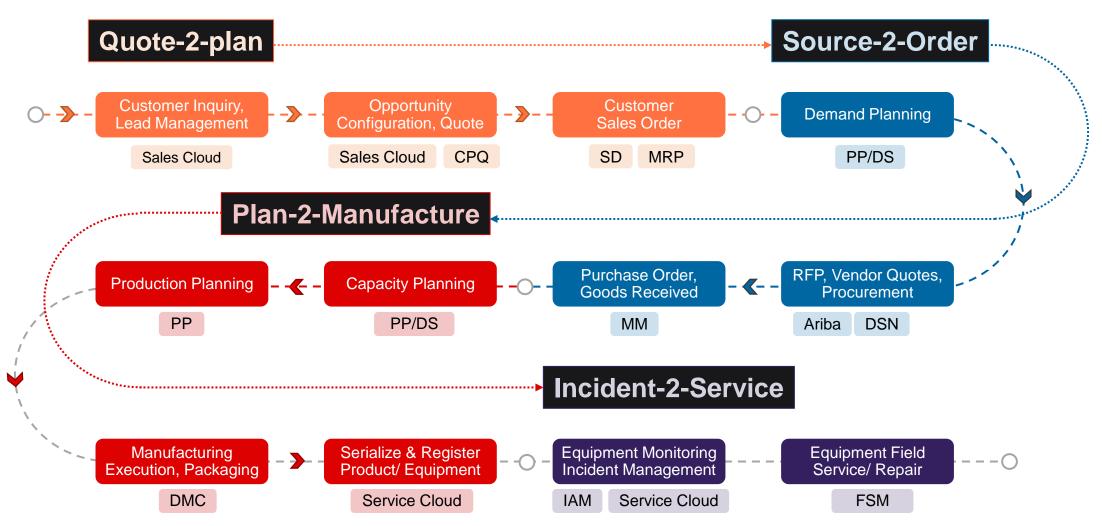
With the Digital Supply Chain, SAP integrates multiple solutions, including S/4HANA, Ariba, DMC, IBP, EWM, and the three business networks DSN, IAN, and BNL.

With the Digital Enterprise, CNT expanded the Digital Supply Chain to add more SAP components and add Quote-2-Plan for Sales, and Incident-2-Service for Services.



The Digital Enterprise Processes

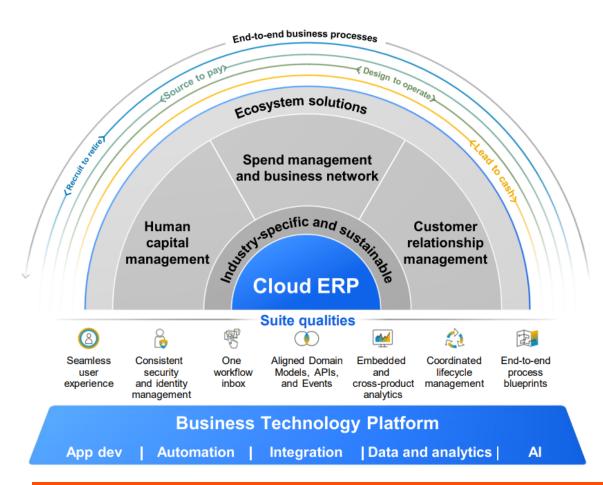






Powered by SAP Business Technology Platform







Unified Platform

- Innovation along end-to-end processes
- Embedded in SAP's LoB and industry solutions
- Seamlessly integrated services



Openness

- Interoperability with open-source and best-of-breed
- Easy integration to 3rd party apps & data
- Flexibility for multi-cloud deployment



Business Centricity

- Actionable use cases
- Semantic data access
- Pre-built content
- Ease of use

BTP is the current and future technological foundation for all SAP applications and enables 'keeping the core clean' paradigm with S/4HANA.



Model Company "CNT Industries"



Model Company: CNT Industries



- Manufacturer of solutions for intra-company logistics
- Portfolio includes **warehouse robots** and storage bays
- Driven by fully digitalized integrated processes

Runs completely on SAP





- Startup beer brewery and client of CNT Industries
- Uses new brewing techniques to improve quality
- Requires products agitated/ moved during fermentation

Seeks new warehouse robots to move products continuously and extend high-bay storage



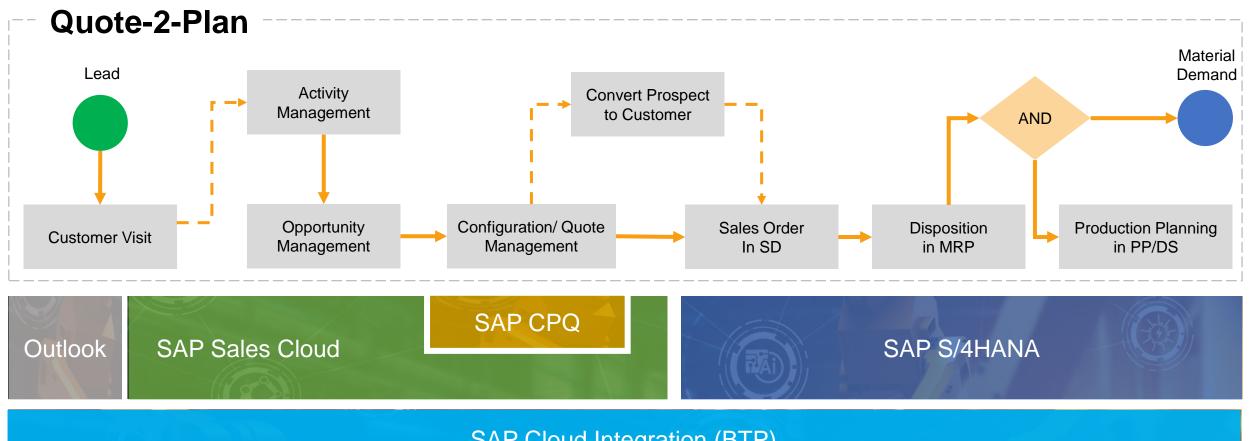


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The Sales Story – Workflow





SAP Cloud Integration (BTP)



The Sales Story – Components

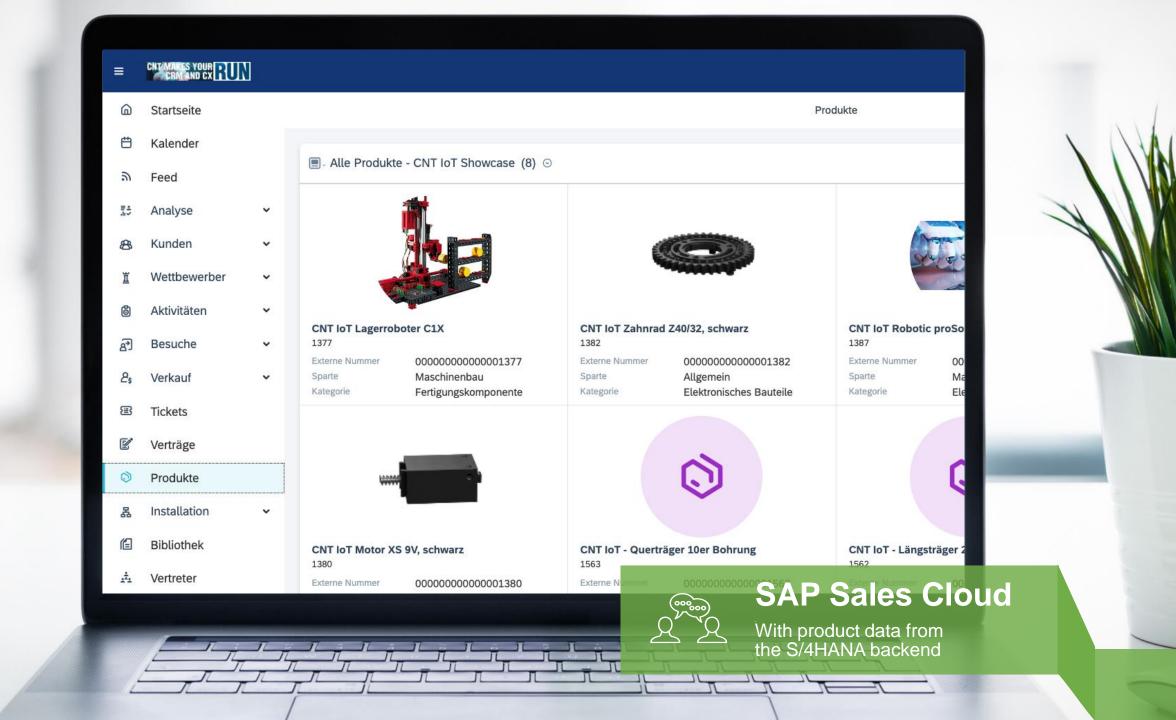


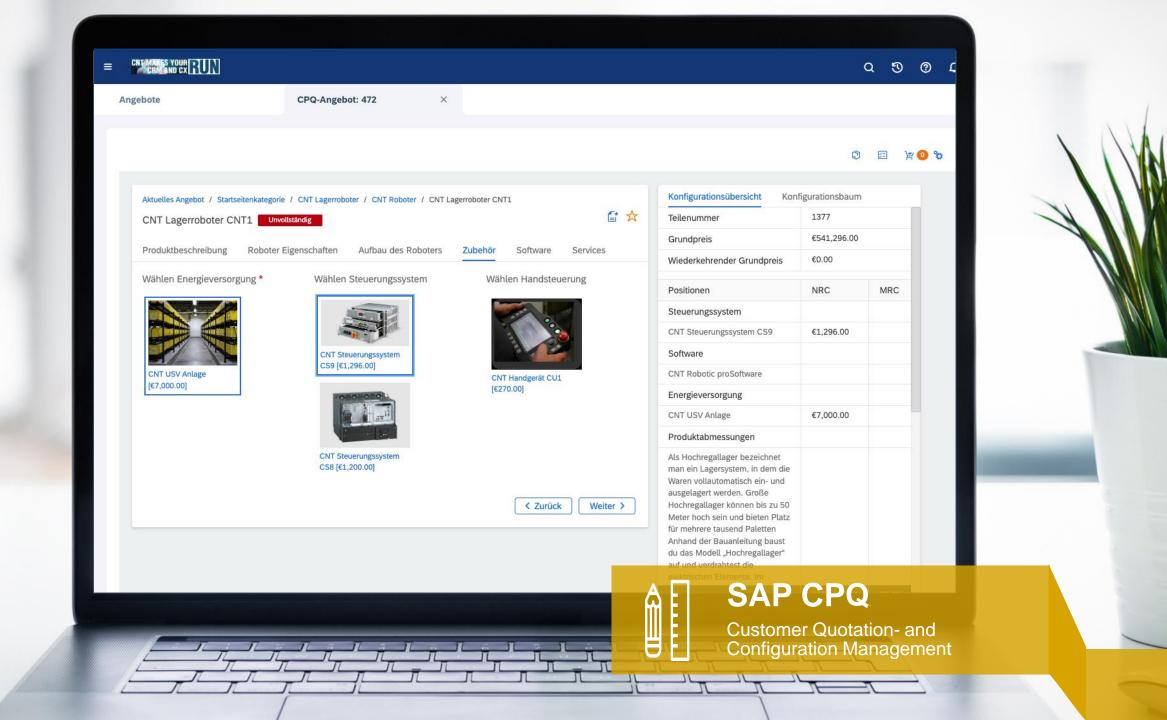
1 SAP CX – SAP Sales Cloud	2 SAP CPQ – Configure Price Quote
 Cloud-based CRM Solution End-to-End Customer Experience solution Integrated with SAP Service Cloud Integrated into SAP S/4HANA 	 Cloud-based SAP Configuration Solution Formerly Callidus Software Falls between Sales and Sales Order Integrated into SAP Sales Cloud and S/4HANA
3 S/4HANA SD – Sales Distribution	4 S/4HANA MRP – Material Requirement Planning
 Core functional module in S/4HANA Covers all selling, shipping, and billing 	 Core functional module in S/4HANA Plan material supply based on requirements
5 S/HANA PP/DS – Planning/Detailed Scheduling	6 SAP Cloud Integration
Core functional module in S/4HANA	 Connect cloud and on-premise applications with

- Functionality previously in APO
- Covers finite production planning

 Connect cloud and on-premise applications with other SAP and non-SAP cloud and on-premise applications







Meine Verkaufsübersicht < ECHT

IoT-Showcase ~

Gefiltert nach (2): Anzeigewährung, Auftraggeber

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Gültig bis

Nettowert

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Abgelaufen/Läuft heute ab

Angebot

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790	vor 2 Wochen				
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724	vor 3 Wochen				
Nicht relevant	0 EUR				

Kundenkontakte (abgekündigt)

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S/4HANA SD

Client Quotes and Sales Orders overview

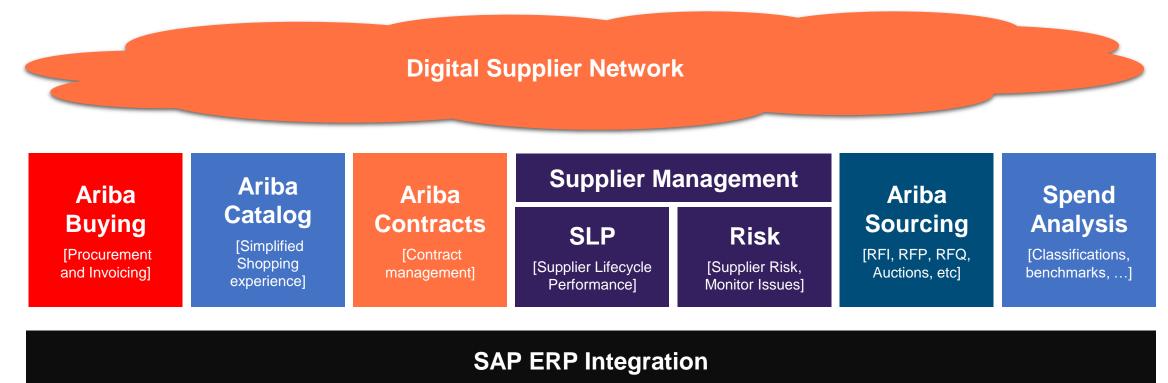


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SAP Ariba Components



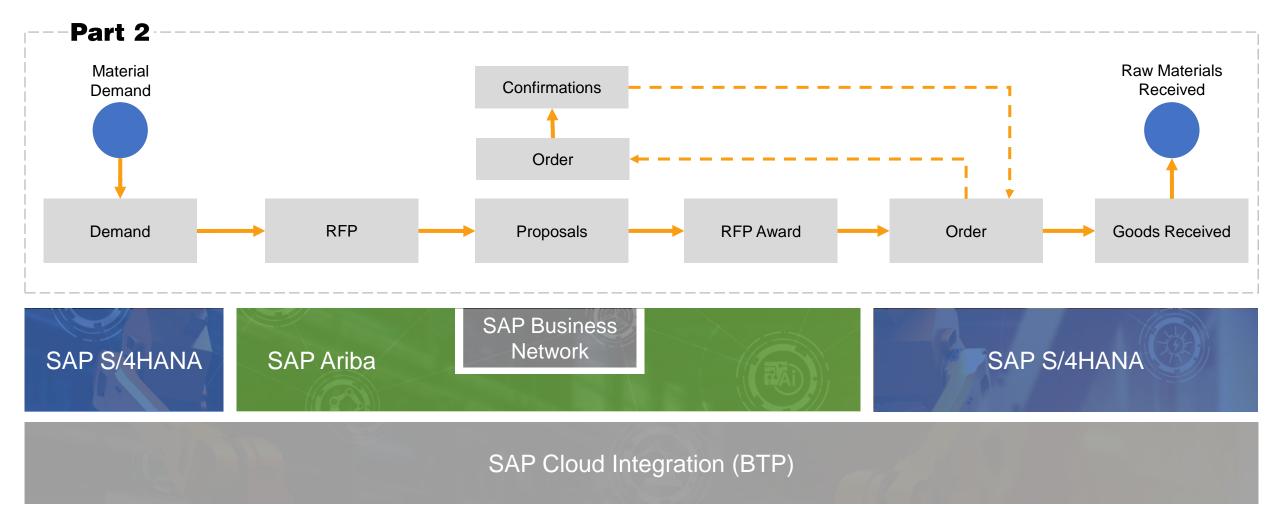


[CGI, SAP Cloud Connector, Commerce Automation, ...]

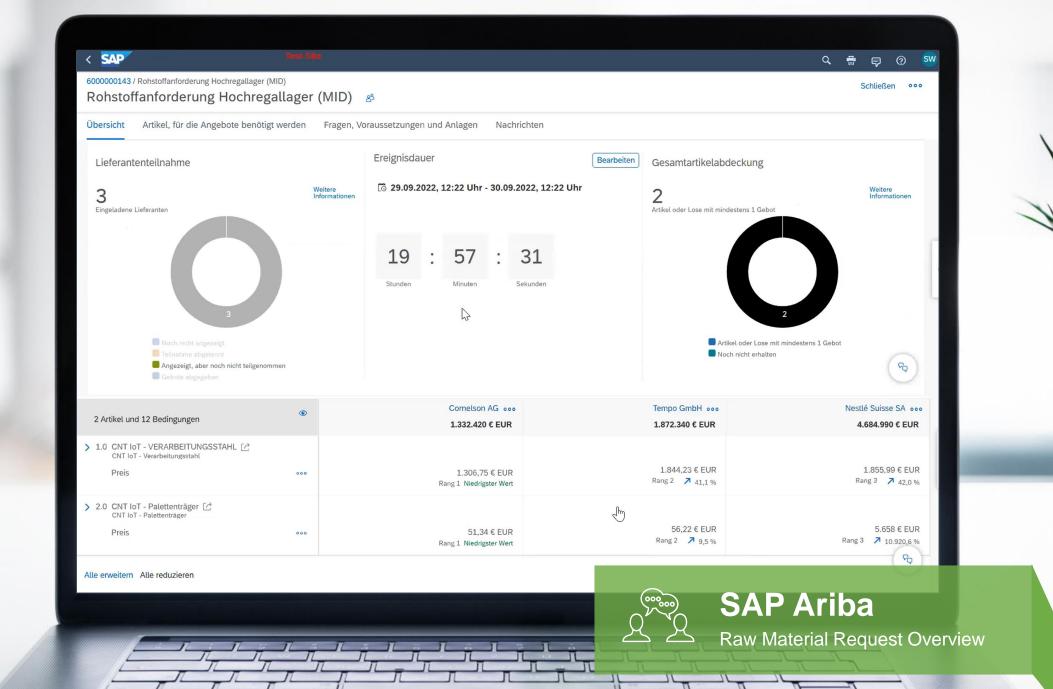


The Procurement Story – Workflow









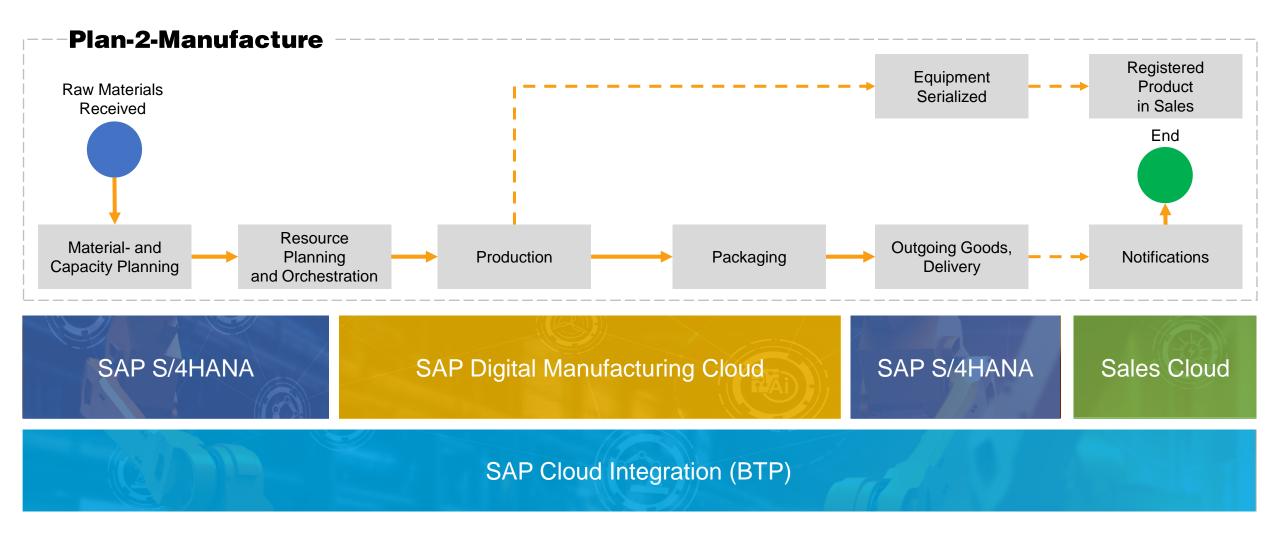


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The Manufacturing Story - Workflow







Manufacturing Story – Components



S/4HANA PP/DS – Planning/Detailed Scheduling

- Core functional module in S/4HANA
- Covers finite production planning
- Final production planning

2

3

S/4HANA PP, QM, WM/EWM, TM

 Core functional modules in S/4HANA covers Production Planning, Quality-, Warehouse- and transport management

SAP Cloud Integration

 Connect SAP cloud and on-premise applications with other cloud and on-premise applications

SAP Digital Manufacturing Cloud

- Manufacturing Execution
 - Resource Orchestration
 - Manufacturing
 - Packaging

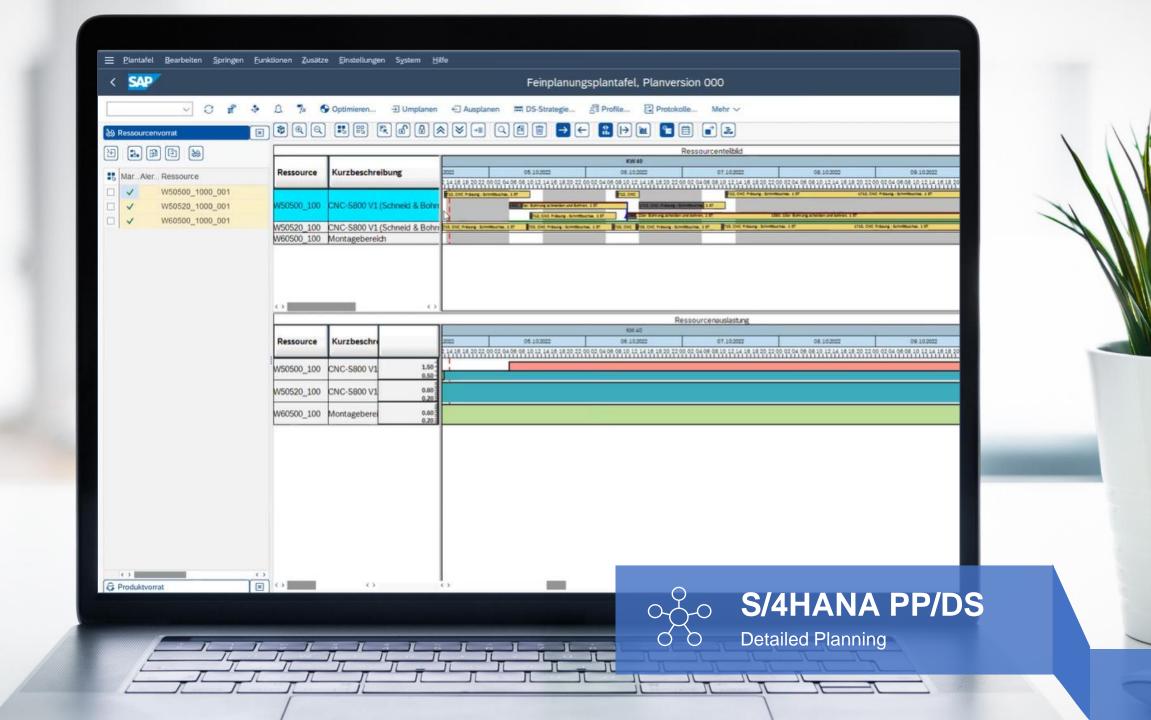
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- Quality Management
- Create Serialization
- Manufacturing Insights, OEE, etc.
- Digital Manufacturing Cloud Network (DMCn)

SAP CX – SAP Sales + Service Cloud

- Register serialized product
- Connect with SAP Service Cloud
- Integrated into SAP S/4HANA

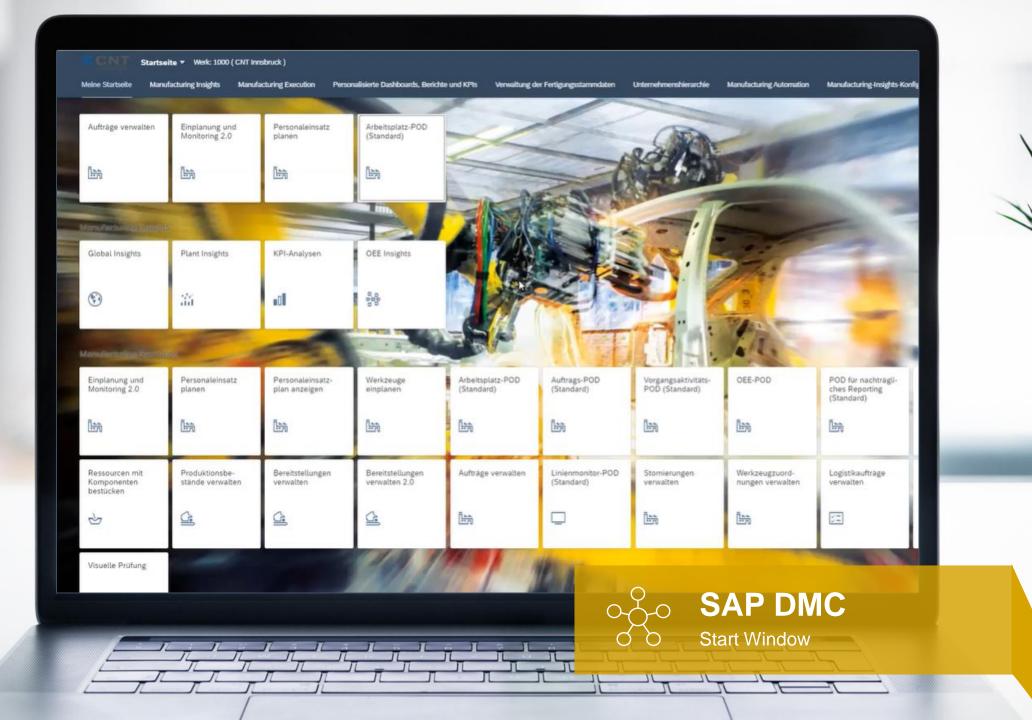


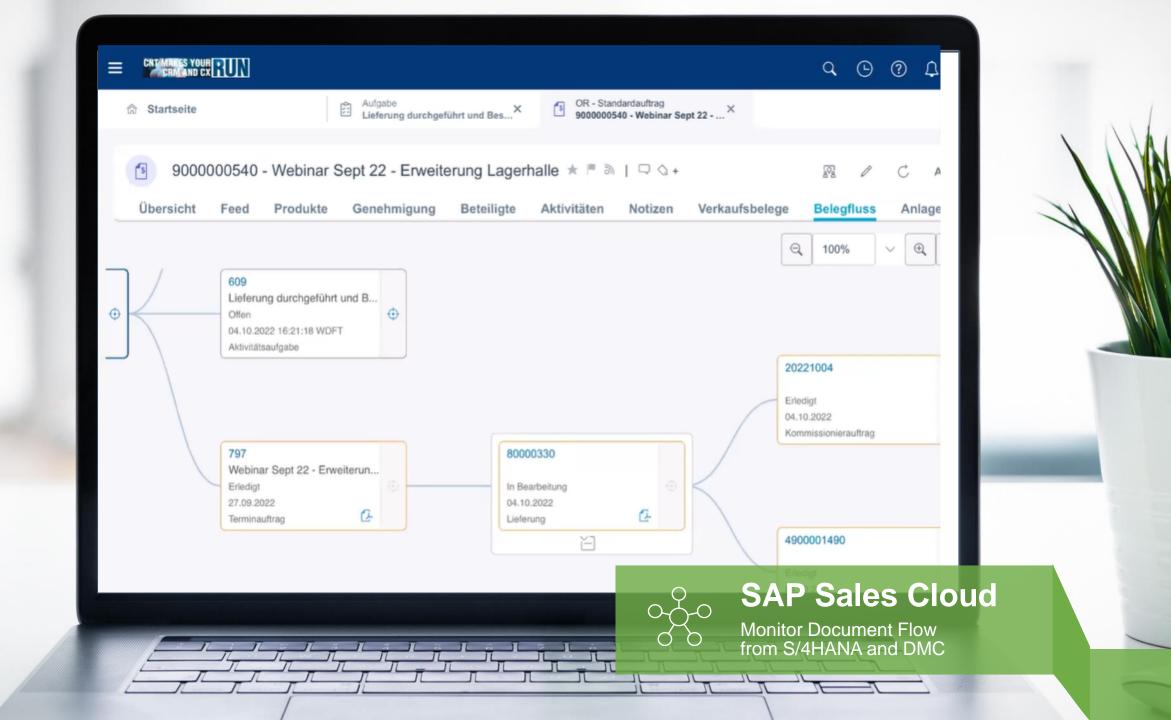


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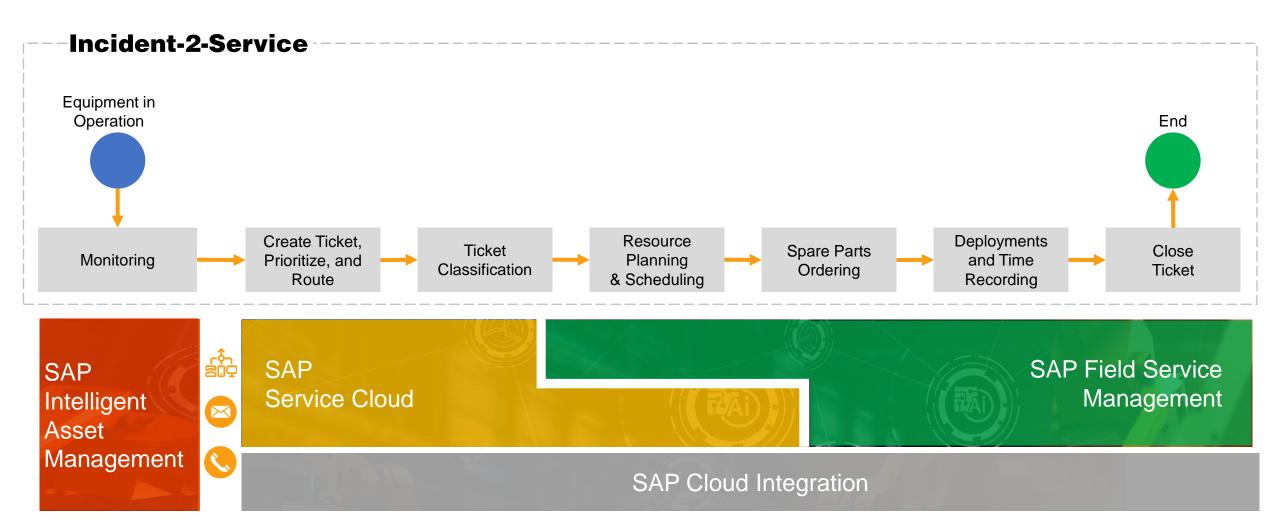


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The Service Story - Workflow







Service Story – Components



SAP Intelligent Asset Management

- Suite of Cloud Solutions for Asset Management
- SAP PM is a subset of EAM

SAP Service Cloud

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- Cloud-based service solution
- Part of SAP CX portfolio
- Deliver personalized customer service
- Increase service efficiency

SAP Field Service Management

3

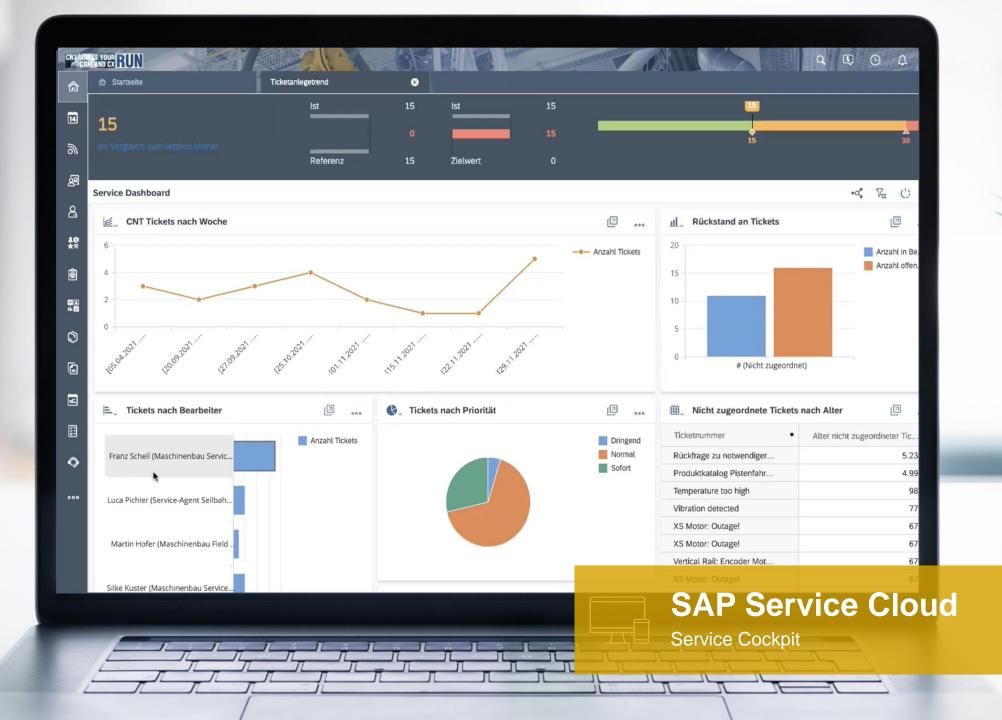
Cloud-based solution for professional deployment
 of technicians, vehicles, materials and tools

SAP Cloud Integration

• Connect SAP cloud and on-premise applications with other cloud and on-premise applications



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Self-Service für Kunden	Planung und Verteilung	Crowd Workforce	Smartforms und Feedback	Analysen und Berichte	Stammdaten	Grundlegende Services
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Takeaways



- Completeness SAP systematically expanded to the most complete ever ERP portfolio through improvements and new developments (S/4HANA, SAP CX, EWM, IBP, DMC, etc.) or acquisitions (e.g., Ariba, CPQ, FSM).
- UX Suite quality unified user interface using modern FIORI UI.
- Cloud All new solutions are cloud-based, with all benefits of SaaS solutions.
- End-to-end View eliminates silos and enables a value-chain perspective
- Business Value Getting passed ECC to S/4 migration allows for more exciting SAP projects.
- Choice of SI Choose an SAP system integration partner that understands the full SAP spectrum, is focused on quality, and is committed to delivering.

Questions?

For questions after this session, contact us at

Alexander Paulus, CNT Atlanta a.paulus@cnt-online.com [+1] (404) 824 3434

Bernd Baier, CNT Atlanta b.baier@cnt-online.com [+1] (404) 488-7109 The Digital Enterprise will be presented live in Late Summer 2023 in a webcast series.

Get on the CNT distribution list to reserve your spot!

CISUG

Thank you.



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