Intelligent Enterprise Road Map
Design to Operate

January 2019

PUBLIC
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For all recent and planned innovations, potential data protection and privacy features include simplified deletion of personal data, reporting of personal data to an identified data subject, restricted access to personal data, masking of personal data, read access logging to special categories of personal data, change logging of personal data, and consent management mechanisms.
Companies today are planning their digital journeys – transforming business models, reengineering business processes, and reimagining work.

**SAP road maps** highlight innovations that may help you plan and implement your digital journey. They span products relevant to lines of business in your industry and explain how our innovations may add value to your business.

In our road maps, you can learn about our innovations along four different timelines:

1. **Recent innovations** for our products that have been launched in the past weeks or months and can already be purchased
2. **Planned innovations** for our products that are intended to be launched in the short term or midterm
3. **Product direction**, providing a long-term perspective on high-level development plans for innovations for our solutions – inspired by your requirements
4. **Product vision**, providing a high-level and long-term business perspective on innovations for our products
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- The Intelligent Enterprise
- Design to operate

Vision and direction
- Key trends and customer needs
- Value proposition

Product innovations
- Detailed innovations
The Intelligent Enterprise framework
The foundation of a digital supply chain

The Intelligent Enterprise features 3 key components:

1. Intelligent Suite
2. Intelligent Technologies
3. Digital Platform
The Intelligent Enterprise
Key end-to-end processes

Source to pay

Total workforce management

Design to operate

Lead to cash

Intelligent Suite

Intelligent Technologies

Digital Platform

Cloud Platform

Data Management

AI
Machine Learning
Analytics
IoT

Network & Spend Management

People Engagement

Digital Core

Digital Supply Chain

Customer Experience

Design to operate

Lead to cash

Customer Experience
Digital supply chain – Design to operate
Connect digitally to perfect reality

Design

Plan

Operate

Manufacture

Deliver
Digital supply chain
From design to operate

**Design**
- Reduce time to market
- Continuously and sustainably innovate
- Deliver on customer demand

**Plan**
- Gain holistic view of demand
- Balance inventory and service levels
- Improve forecast accuracy

**Manufacture**
- Optimize manufacturing processes and minimize waste
- Improve collaboration with contractors
- Increase agility and responsiveness

**Deliver**
- Improve speed, efficiency, and sustainability
- Deliver perfect orders consistently and profitably
- Increase utilization of warehouse and transportation

**Operate**
- Manage lifecycle of physical assets efficiently and sustainably
- Predict and simulate asset behavior
- Avoid unplanned downtime
Design to operate (overview)

**Design**
- Receive customer feedback – define requirements and system concept for new/changed product.
- Create product design and maintain master data for new/changed product.
- Hand over to manufacturing and service to manage BOM and routing.

**Plan**
- Plan demand for new/changed components.
- Plan supply for new/changed components.
- Create master production schedule.

**Procure**
- Procure components to build subassemblies.
- Manage and track inbound delivery.
- Receive procured components into warehouse.

**Manufacture (subassemblies)**
- Schedule subassembly production.
- Produce subassemblies and track progress.
- Receive subassemblies into warehouse.

**Sell**
- Receive asset master data and onboard asset.
- Schedule finished product production.
- Produce finished product and track progress.
- Register serialized finished product.
- Receive finished product into warehouse.

**Manufacture (finished product)**
- Plan transport, pick, pack, and load product for delivery.
- Perform and track outbound transportation and receive proof of delivery.

**Deliver**
- Perform inspection, maintenance, and repair.
- Request product improvement.

**Operate**
- Monitor assets with IoT data, perform analysis, predict asset failure.
- Plan asset maintenance.
Design to operate (overview)

**Design**
- Receive customer feedback – define requirements and system concept for new/change product.
  - SAP S/4HANA Cloud for intelligent product design
  - SAP 3D Visual Enterprise
  - SAP Engineering Control Center
- Create product design and maintain master data for new/change product.
  - SAP S/4HANA
  - SAP 3D Visual Enterprise
  - SAP Engineering Control Center
  - SAP Asset Intelligence Network
- Hand over to manufacturing and service to manage BOM and routing.
  - SAP S/4HANA
  - SAP Engineering Control Center
  - SAP Asset Intelligence Network

**Plan**
- Plan demand for new/change components.
  - SAP Integrated Business Planning
  - SAP S/4HANA
- Plan supply for new/change components.
  - SAP Integrated Business Planning
  - SAP S/4HANA
- Create master production schedule.
  - SAP S/4HANA

**Produce**
- Procure components to build subassemblies.
  - SAP S/4HANA
- Manage and track inbound delivery.
  - SAP S/4HANA
- Receive procured components into warehouse.
  - SAP S/4HANA
- Schedule subassembly production.
  - SAP S/4HANA
- Produce subassemblies and track progress.
  - SAP S/4HANA
- Receive subassemblies into warehouse.
  - SAP S/4HANA

**Manufacture (subassemblies)**

**Sell**
- Receive customer sales order, (Assemble to Order)
  - SAP S/4HANA
- Schedule finished product production.
  - SAP S/4HANA
- Produce finished product and track progress.
  - SAP S/4HANA
- Register serialized finished product.
  - SAP S/4HANA
- Receive finished product into warehouse.
  - SAP S/4HANA

**Manufacture (finished product)**

**Deliver**
- Plan transport, pick, pack, and load product, for delivery.
  - SAP S/4HANA
- Perform and track outbound transportation and receive proof of delivery.
  - SAP S/4HANA
  - SAP Global Track and Trace

**Operate**
- Receive asset master data and onboard asset.
  - SAP S/4HANA
  - SAP Asset Intelligence Network
- Monitor assets with IoT data, perform analysis, predict asset failure.
  - SAP S/4HANA
  - SAP Predictive Maintenance and Service
  - SAP Predictive Engineering Insights
- Plan asset maintenance.
  - SAP S/4HANA
  - SAP Asset Strategy and Performance Management
  - SAP Predictive Maintenance and Service
- Perform inspection, maintenance and repair.
  - SAP S/4HANA
  - SAP Asset Manager
  - SAP Predictive Maintenance and Service
  - SAP Predictive Engineering Insights
- Request product improvement.
  - SAP Asset Intelligence Network
  - SAP S/4HANA

**Decommission asset.**

* Represent product families; see subsequent slide for detailed material list.

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Digital supply chain – Design
Business value for R&D/engineering

Innovate digital products and services faster
Enable new business practices by managing product and asset intelligence across networks

Institute design excellence
Drive product development based on requirements with an integrated systems engineering approach

Compliant product lifecycle management
Improve collaboration and integrate product development to be first to market with innovative, sustainable and compliant products

Increase profitability and visibility
Loop back failure and operational analysis from service to engineering for design improvement and lower product cost

8%
increase in meeting revenue goals with clearly documented and validated new product requirements
SAP performance benchmarking

17%
decrease in time to market where product development projects are managed from concept to launch
SAP performance benchmarking
SAP S/4HANA Cloud for intelligent product design
Accelerate product innovation with instant collaboration, requirement-driven product development, and actionable live insights across the extended enterprise

- Collaborate on actual product data including documents, materials, bills of materials (BoM), and specifications with internal and external partners

- Achieve transparency and efficiency in collaboration with robust workflows that ensures all relevant stakeholders are appropriately informed and have access to right product data

- Achieve full traceability and transparency by linking requirements to product and business data

- Accomplish multidiscipline collaboration and embrace a systems engineering approach for modern-day smart product development

- Derive better insights from downstream processes and product usage
SAP Engineering Control Center

Combine mechanical and electrical/electronic design data on a single platform and enable cross-discipline collaboration

- Accelerate product development by integrating diverse CAD authoring tools on one platform
- Support multidisciplinary product development by integrating mechanical, electrical/electronic, and software structures into one product definition
- Synchronize product metadata, structures, access, and documentation across the enterprise to encourage data reuse
- Provide the foundation for realizing the digital twin by capturing the multidiscipline design data early on in the product development process
Design (PLM) capabilities in SAP S/4HANA

Accelerate design by integrating product lifecycle management in a single, real-time environment

Validate and control modern-day complex products structures, including the definition and management of hardware and software compatibility

Differentiate and improve its reliability by collaborating with customers and incorporating real-time operational feedback into product development processes

Create individualized products by defining and reusing variant product structures across the supply chain
Digital supply chain – Plan

Business value for supply chain

State-of-the-art business processes
Enable new end-to-end business processes, models, and revenue streams

Synchronized planning processes
Eliminate planning silos through connected and integrated planning processes

End-to-end visibility
Provide visibility on strategic, tactical and operational levels across internal and external data

Faster planning cycles
React faster to changes in the business through complete integration across the supply chain

40%
shorter lead times with flexible rules-driven supply-demand matching
SAP performance benchmarking

12%
fewer days in inventory with dynamic, frequently updated forecasts
SAP performance benchmarking
SAP Integrated Business Planning for sales and operations

- Create the optimal business plan to drive revenue growth and increase market share
- Effectively balance demand and supply and attain financial targets
- Increase speed and agility of planning and drive most profitable responses
- Enable cross-functional process orchestration and collaboration
### SAP Integrated Business Planning for demand

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>1.</td>
<td>Develop more accurate midterm statistical forecasts</td>
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<tr>
<td>2.</td>
<td>React faster to short-term demand changes with pattern recognition–based algorithms</td>
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<tr>
<td>3.</td>
<td>Drive more accurate deployment of product based on short-term demand</td>
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<tr>
<td>4.</td>
<td>Enable planning flexibility and accuracy through segmentation</td>
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<tr>
<td>5.</td>
<td>Collaborate to ensure the most accurate forecast</td>
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</tbody>
</table>
SAP Integrated Business Planning for inventory

- Improve customer-service levels
- Maximize the efficiency of inventory and working capital
- Reduce production and distribution costs
- Standardize the inventory target-setting process at each tier within the supply chain to feed operational plans
- Support for demand-driven MRP strategic inventory positioning and buffer sizing (steps 1 and 2)
SAP Integrated Business Planning for response and supply

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Support for tactical (rough cut) supply planning, as well as operational supply planning</td>
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<tr>
<td>Scenario planning/what-if analysis of actual or hypothetical changes to demand or supply</td>
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<tr>
<td>Fast matching of supply and demand to respond to operational changes; pegging and gating-factor analysis</td>
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<tr>
<td>Constrained optimization and priority rules-driven algorithms</td>
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<tr>
<td>Unconstrained demand propagation and heuristics options</td>
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<tr>
<td>Generation and provision of allocations to ATP, and rescheduling of sales orders</td>
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<tr>
<td>Production and distribution (deployment) use cases</td>
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</table>
SAP S/4HANA as the digital foundation

Seamless integration between planning and execution (MRP, PPDS) (SAP S/4HANA Manufacturing for planning and scheduling)

End-to-end process enablement (plan to deliver, order to cash)

Support for omnichannel fulfillment (SAP S/4HANA for advanced available to promise)

Integration of critical master data (products, customers, locations, resources, …) with global supply chain model

Integration of transactional and historical data to support performance management and real-time analytics

Support for demand-driven MRP dynamic buffer adjustment, demand-driven planning, and collaborative execution (SAP S/4HANA for extended planning)
Digital supply chain – Manufacture
Business value for manufacturing

State-of-the-art business processes
Leverage new technologies to identify and enable business processes with highly flexible UIs

Connected manufacturing
Eliminate manufacturing silos through a single data model with connected, integrated processes

Top-floor to shop-floor visibility
Gain complete end-to-end visibility on strategic, tactical, and operational levels

Faster, more efficient execution
Improve throughput, increase quality, and reduce waste

Advanced analytics
Leverage configurable KPIs to identify process bottlenecks and improve performance efficiency

8%
increase in plan adherence where delivery dates are integrated with material availability and real-time manufacturing conditions
SAP performance benchmarking

28%
decrease in days in inventory where manufacturing processes are controlled through pull-based production schedule
SAP performance benchmarking
SAP Digital Manufacturing Cloud for execution
Machine-to-machine automation…to optimize end-to-end product, process, and resource management

- Implement top-floor to shop-floor scenarios to achieve rapid return on investment through out-of-the-box integration to SAP solutions
- Utilize intuitive user interfaces (UI) for production operators and transform to paperless production, lowering cost and increasing productivity
- Enable resource orchestration by dispatching and sequencing operations to reflect the real world in the short term to compress the manufacturing lifecycle
- Monitor the entire manufacturing process to optimize resources and execution, reacting quickly to unexpected events utilizing the built-in intelligence
- Use collaborative integration with Ariba Network to build digital inventory, optimize provisioning, and improve time to market
Global visibility and analytics for key performance indicators across a single plant or global operations

Performance of root cause analysis at any level – global, plant or individual work center to assess for systematic failures

Individualized dashboards, KPIs, and thresholds to customize the solution for personal use or for the entire organization

Management and viewing of harmonized data acquired from disparate sources for better visibility into your plant operations

Full integration to combined business and operational data from SAP ERP, SAP S/4HANA, and SAP Manufacturing Suite for improved decisions

SAP Digital Manufacturing Cloud for insights
Intelligent visibility…for simplified and cost-effective analysis across global plant operations
SAP S/4HANA Manufacturing for production engineering and operations

End-to-end supply chain integration...seamlessly integrating and connecting engineering and manufacturing processes to meet production schedule requirements

- Enable enhanced manufacturability collaboration throughout the global enterprise leveraging latest design master data (digital twin) for consumption within production
- Optimize engineering to manufacturing BOMs and manage routings and operations with 3D visuals, work instructions, and data collection parameters to gain process efficiency
- Manage and analyze the impact of change to minimize production disruption from revised routings, work instructions, and production orders
- Streamline manufacturing to build package creation, planning, and shop-floor operations for global production environments to reduce cycle time
- Meet delivery expectations despite updates to existing production orders triggered by engineering changes, quality issues, or product configuration changes

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Digital supply chain – Deliver

Business value for logistics

Balancing customer service and delivery costs
Enable efficient logistics and order fulfillment processes to increase speed and reduce cost and emissions

Warehouse management
Optimize labor, storage, and fulfillment costs

Transportation management
Reduce costs and carbon footprint and improve service, efficiency, and sustainability

Logistics networks
Collaborate with logistics partners and improve fulfillment through visibility and IoT connectivity

93% increase of domestic on-time delivery
SAP performance benchmarking
SAP Global Track and Trace

Deliver on your promise to customers by tracking the status and fulfillment of processes and goods in transit across your global inbound, manufacturing, and fulfillment chain.

- Provide real-time insights to relevant stakeholders to meet their business and compliance needs.
- Capture business events across the extended business network environment by connecting to the IoT.
- Ensure tracking of processes, materials, products, and assets with scalable performance and throughput.
- Streamline business partner collaboration by easy on- and offboarding.

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SAP S/4HANA Supply Chain for extended warehouse management

Enhance your storage and inventory management processes – and support goods movement by all modes of transportation

- Accelerate fulfillment by optimizing inbound and outbound processing
- Deliver shipments on-time by coordinating picking, packing, staging, and loading operations
- Automate warehouses by integrating material-handling equipment and data-collection devices
- Reduce shipping times by cross-docking and increase service by value-added services and returns handling
SAP S/4HANA Supply Chain for transportation management

Streamline and integrate your transportation management processes

- Reduce costs by increasing asset utilization, freight consolidation, and routing optimization

- Streamline the end-to-end process through holistic, multimode transportation management

- Create end-to-end transportation visibility and improve service levels by creating full freight transparency

- Support real-time, data-driven decision-making for quicker business decisions and faster insights
Digital supply chain – Operate
Business value for asset management

State-of-the-art business processes
Leverage new technologies to enable new asset management business processes with highly flexible UIs

Real-time insights
Provide end-to-end visibility on strategic, tactical, and operational levels

Connected assets
Bring together information from operational and business systems using IoT for scalable transparency

Prediction and simulation
Drive smarter decisions, improve reliability, and reduce outages and emissions

Collaboration throughout the asset lifecycle
Share asset information and collaborate on a cloud-based business network with integrated processes

17% increase in return on assets where asset management systems are fully integrated

79% decrease in accident frequency with monitoring of strong safety measures for people and assets
SAP S/4HANA Asset Management
Maintenance and service management

Plan maintenance activities with the right person providing the appropriate tools and resources

Schedule proactive preventive or condition-based maintenance tasks

Leverage integrated documentation for job execution and safety for a holistic view of asset status
SAP Asset Intelligence Network
Collect and track equipment information in a central repository

Enable secure asset information collaboration across your business network

Collaborate with manufacturers, operators, and service suppliers across the network on asset information

Provide one network channel for electronic handover of technical asset and maintenance data to OEMs, service providers, and procurement vendors

Improve data reliability, reduce master data maintenance, and maintain higher asset availability
SAP Asset Strategy and Performance Management

Measure and improve the performance of your assets and enhance maintenance strategies

Segment assets based on risk, criticality, impact, and environmental factors to determine best maintenance strategies at lowest cost and risk

Adopt reliability-centered maintenance processes, considering failure modes, effect, and root causes

Manage performance to optimize return on assets across lifecycles; monitor, review, and improve maintenance plans and budgets

Reduce bottlenecks, improve decision-making, and prevent incidents using a holistic view of asset types and maintenance strategies
SAP Predictive Maintenance and Service and SAP Predictive Engineering Insights

- Optimize the availability of your assets by using predictive maintenance and service capabilities and the Internet of Things to take corrective actions early
- Collect and analyze sensor data from physical assets to predict operational failure
- Initiate preventive countermeasures that trigger service or maintenance orders
- Optimize asset performance with a closed-loop maintenance and service process
- Use simulation-based digital twins of industrial assets for asset health prediction and optimization supporting ANSYS twin models
SAP Asset Manager

Online and offline access to context-rich visualizations and actionable insights to enable simple and timely execution of end-to-end enterprise asset management (EAM) processes

- Eliminate paperwork while reducing downtime and maintenance backlog
- Extend and improve asset life and reliability by shortening work cycles
- Turn capital spending into operational investments using cloud deployment
- Manage existing work and asset data whether you’re online, offline, or occasionally connected
## Intelligent Enterprise – Design-to-operate scenario road map

### Scenario road map overview

<table>
<thead>
<tr>
<th>Recent innovations</th>
<th>Planned Q1/2019&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Planned Q2/2019&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Future direction&lt;sup&gt;1&lt;/sup&gt;</th>
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<tbody>
<tr>
<td><strong>Design</strong></td>
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<tr>
<td>▪ Model publication and firmware announcements from SAP PLM to SAP Asset Intelligence Network</td>
<td>▪ PLM: Multilevel bill of material maintenance – Integrated maintenance from HL product structure from SAP Enterprise Architecture Designer to detailed BoM level</td>
<td>▪ Test planning and result tracking</td>
<td>▪ Intelligent product design: Leveraging different content sources to embed customer feedback into product requirements and completing the ‘V’ model through test management and ability to integrate with simulation tools</td>
</tr>
<tr>
<td>▪ Closed-loop engineering: SAP Asset Intelligence Network improvement requests displayed in manufacturer’s live product cockpit as input for product requirements and systems engineering</td>
<td>▪ PLM/manufacturing integration: Handover product structure and engineering bill of materials to manufacturing bill of materials</td>
<td>▪ Intelligent product design: Handing over of sensor-relevant data from systems engineering for reuse in following process steps</td>
<td>▪ SAP Engineering Control Center on SAP Cloud Platform: Integration with CAD authoring tools provided on SAP Cloud Platform</td>
</tr>
<tr>
<td>▪ SAP S/4HANA Cloud for intelligent product design – Collaboration with SAP 3D Visual Enterprise, bill of material collaboration</td>
<td>▪ Representation of sensor attributes in early development phases</td>
<td>▪ Advanced forecast consumption</td>
<td>▪ Multiple activities in planned orders</td>
</tr>
<tr>
<td><strong>Plan</strong></td>
<td></td>
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</tr>
<tr>
<td>▪ Analytics: Navigation from SAP Integrated Business Planning to external on-premise SAP systems</td>
<td>▪ Exception management: Custom alert monitor based on new visual design and contextual navigation from an alert to SAP S/4HANA stock requirements list</td>
<td>▪ Assembly scrap</td>
<td>▪ Near-real-time integration from SAP S/4HANA to SAP Integrated Business Planning</td>
</tr>
<tr>
<td>▪ SAP Integrated Business Planning add-on in SAP S/4HANA as data source</td>
<td>▪ Order-based planning: Enable a separate integration source for each order-based planning area</td>
<td>▪ Financial integration content with SAP Business Planning and Consolidation optimized for SAP S/4HANA</td>
<td>▪ Subcontracting support</td>
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<td><strong>Design</strong></td>
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<td>▪ Characteristics-based planning</td>
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<td>▪ SAP Engineering Control Center on SAP Cloud Platform: Integration with CAD authoring tools provided on SAP Cloud Platform</td>
<td>▪ Near-real-time integration from SAP S/4HANA to SAP Integrated Business Planning</td>
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Intelligent Enterprise – Design-to-operate scenario road map
Scenario road map overview

**Recent innovations**

**Manufacture**
- Serial number integration for produced parts to SAP Asset Intelligence Network
- Resource orchestration: Labor assignment to work centers based on time intervals

**Deliver**
- SAP Extended Warehouse Management embedded in SAP S/4HANA*
- SAP Transportation Management embedded in SAP S/4HANA**

**Planned Q1/2019**

**Manufacture**
- Automatic dispatching of operations to work centers based on rules
- Simplified machine onboarding and production process definition

**Deliver**
- Enhancements of SAP Fiori app (pack outbound deliveries)
- Support dynamic bin (flexible storage size)

**Planned Q2/2019**

**Manufacture**
- Integration enhancements to SAP S/4HANA as well as SAP EWM
- Support of hybrid deployment scenarios for combined cloud and on-premise operations
- Visualization of maintenance status to reflect planned downtimes in resource orchestration

**Deliver**
- Enhancements of SAP Fiori app (pack outbound deliveries)
- Support dynamic bin (flexible storage size)

**Future direction**

**Manufacture**
- Integration of capacity demand information from SAP S/4HANA for labor planning
- Support of cloud Big Data storage in harmonized data layer

**Deliver**
- Enhanced integration of SAP Transportation Management, SAP Extended Warehouse Management, and SAP Global Track and Trace
- Enhanced SAP Manufacturing Execution integration for goods receipt
- New integration with mobile devices

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*SAP S/4HANA Supply Chain for extended warehouse management
**SAP S/4HANA Supply Chain for transportation management

1 This is the current state of planning and may be changed by SAP at any time without notice.
## Intelligent Enterprise – Design-to-operate scenario road map

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<td><strong>Operate</strong></td>
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<tr>
<td>▪ Harmonized data model, UI, and processes for SAP Predictive Maintenance and Service, SAP Asset Strategy and Performance Management, SAP Asset Intelligence Network, and SAP Digital Manufacturing Cloud</td>
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<td>▪ Model publication and firmware announcements from SAP PLM to SAP Asset Intelligence Network</td>
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<tr>
<td>▪ Support value packages to allow OEMs selling digital content</td>
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<tr>
<td>▪ Initial Integration of SAP Asset Manager with asset central foundation</td>
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<tr>
<td><strong>Design to operate overall</strong></td>
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<tr>
<td>▪ Master data harmonization: Asset central adoption for equipment master data in SAP Intelligent Asset Management and SAP Digital Manufacturing Cloud</td>
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<tr>
<td><strong>Operate</strong></td>
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<td>▪ Sharing of indicator charts in SAP Predictive Maintenance and Service over the customer portal in SAP Asset Intelligent Network</td>
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<tr>
<td>▪ Extensibility through custom analysis tools and machine-learning algorithms in SAP Predictive Maintenance and Services</td>
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<tr>
<td>▪ Usage of ANSYS digital twin models for asset health prediction and optimization in SAP Predictive Engineering Insights</td>
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<tr>
<td><strong>Design to operate overall</strong></td>
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<tr>
<td>▪ User experience harmonization: One SAP Fiori launchpad for SAP Intelligent Asset Management</td>
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<tr>
<td><strong>Operate</strong></td>
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<tr>
<td>▪ SAP Intelligent Asset Management: Initial baselining capabilities</td>
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<tr>
<td>▪ Enhanced fingerprint management and analytics on fingerprints</td>
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<td>▪ Indicator forecasting and visualization of forecasted values in 2D charts</td>
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<td>▪ Simulation-as-a-service for condition monitoring scenarios (what-if simulations) in SAP Predictive Engineering Insights</td>
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<td>▪ Advanced integration of SAP Asset Manager with asset central foundation</td>
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<td><strong>Design to operate overall</strong></td>
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<td>▪ Master data harmonization: Incremental adoption of asset central capabilities in design-to-operate applications</td>
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<td><strong>Operate</strong></td>
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<td>▪ Automatic sharing of content through SAP Asset Intelligence Network based on sharing templates</td>
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<td>▪ Maintenance prioritization using forecasted equipment health indicators</td>
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<td>▪ Work order and notification prioritization using risk matrix</td>
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<td>▪ Improved asset management for maintenance of shop floor through enhanced integration of SAP Intelligent Asset Management and SAP Digital Manufacturing</td>
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<td>▪ User experience harmonization: Common SAP Fiori launchpad</td>
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<td>▪ Data layer harmonization</td>
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<td>▪ Tracking of inbound material flow to production</td>
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<td>▪ Tracking of assemble to order process</td>
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¹ This is the current state of planning and may be changed by SAP at any time without notice.
SAP Transformation Navigator
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SAP Transformation Navigator provides you with clear guidance to chart the Intelligent Enterprise:

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Thank you.