

SAP S/4HANA Cloud Road Map

Detailed View for the IT Audience

February 2021

PUBLIC



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About SAP road maps

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

In order to provide you with an always up-to-date, real-time road map, we have created **the new SAP Road Map Explorer tool**: https://roadmaps.sap.com/welcome.

Whereas this static version of the road map is only updated in regular intervals, the new tool allows you to flexibly browse all innovations across SAP's entire portfolio and will eventually fully replace the static road map documents.

To provide you with a seamless experience, we will also continue to deliver this static road map until it can be fully replaced by the road map views derived from the new tool.

About this SAP S/4HANA Cloud road map

SAP S/4HANA road maps provide insights into the near-term investments across intelligent ERP that may help you plan and implement your digital journey. This road map document is intended for an IT audience, requiring a granular view on upcoming innovations. For a view that is more focused on business outcomes, please see the interactive road map at https://roadmaps.sap.com/welcome.

This road map covers three main perspectives:

- 1. Line of business (LoB), providing insights into cross-industry investments supporting specific LoBs in your organization.
- 2. Industry-enabling investments, providing insights into future investments for a specific industry. These investments should always be used in combination with the LoB investments to assemble a full overview of the investments for your organization. For a full overview of SAP's portfolio in a specific industry, please consult the industry product road maps on www.sap.com/roadmaps.
- 3. Time horizon, providing detailed investments for the current and next three releases.

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The Intelligent Enterprise

Product overview for SAP S/4HANA Cloud

Product innovations – Line of business

- Asset management
- Finance
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- R&D and engineering
- Sales
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- Sourcing and procurement
- Supply chain

Product innovations – Solutions for specific industries

- Oil and gas
- Professional services
- Public sector

Product innovations – Cross-topics

- Integration
- Technology
- Globalization

The Intelligent Enterprise starts with Intelligent ERP

Reasons to choose SAP S/4HANA for Intelligent ERP in the Intelligent Enterprise:

- We are a trusted partner to help you navigate any change and provide the flexibility you need.
- We support our customers' transformation from every line of business and every industry.
- With Intelligent ERP as the backbone of your business, you can unlock new opportunities for innovation and growth.
- We assist your move to the cloud by giving you complete, consistent choice.
- 5 We empower you to keep your promise to your customers.

1 unified system landscape

with a common user experience across the organization's seven legal entities Customer: Alcohol Siberian Group (learn more)

>90%

reduction in the duration of report execution, from 6 hours to less than 30 minutes *Customer:* Vistaprint, Cimpress (learn more)

Tripled

revenue and almost doubled earnings before interest and taxes

Customer: MacMahon Holdings (learn more)

10 weeks

to complete the implementation Customer: Nagarro ES (learn more)

500.000

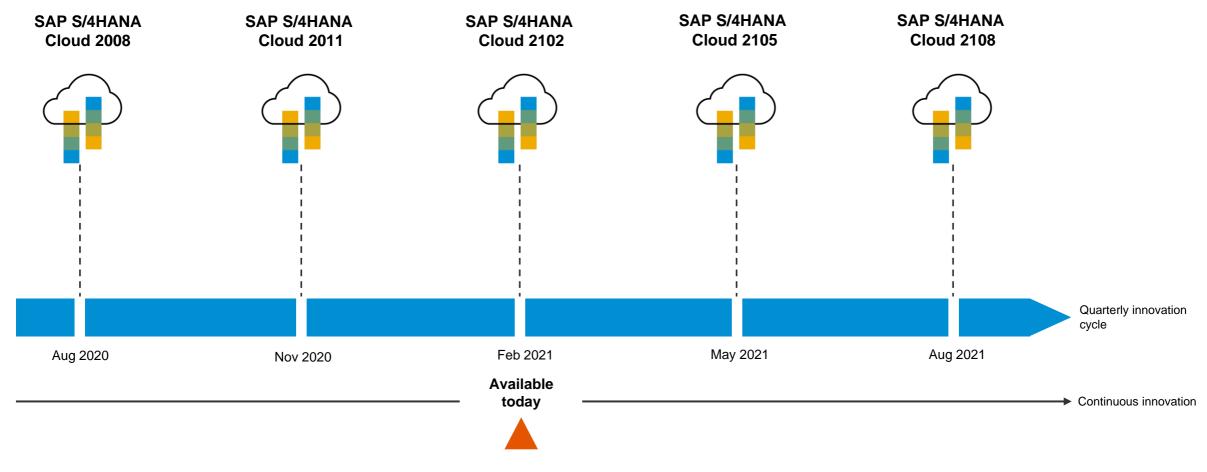
daily transactions processed seamlessly (up from 20,000)

Customer: PayPal Giving Fund (learn more)

SAP S/4HANA enables Intelligent ERP by supporting end-to-end intelligent processes across all lines of business, specifically for your industry.

SAP S/4HANA Cloud

Schedule*



^{*}This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Asset management

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Maintenance Demand Processing

Machine learning-based suggestions for damage code in notifications to maintenance technician

Maintenance Planning and Scheduling

OData API for maintenance task list (CRUD)

Maintenance Execution

Ability to record the performed maintenance job

Maintenance Execution

Management of maintenance work order planning (cloud)

Maintenance Planning and Scheduling

Long-texts in maintenance notifications

Machine learning algorithms in maintenance management

Enable external collaboration with service providers and subcontractors

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Asset management – Environment, health, and safety

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021²

Planned Q4/2021²

Environment Management

Management of material data

Manage environmental calculations, aggregations, and tasks

Manage collection and sampling of environmental data

Monitor and analyze environmental emissionsrelevant data

EHS Incident Management

Initiation of change requests based on incident tasks

Environment Management

Permit management

Analytical core data services (CDS) views for transactional data

Support for indirect greenhouse gas emissions management

Management of Change

Standardized management of change processes

Analysis of change requests and activities

Environment Management

Task due date-based scheduling and role-based tasks

Renovation of data-monitoring apps

Management of Change

Extensibility enablement for the management of change requests and activities

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Legal Content Management Contract and L

Enhance the log of legal transactions to show deleted legal documents

Enable extensibility for the Request Legal Contract app

PDF format support for generate binary file from a virtual document

Contract and Lease Management

Embedded analytics provides a cashflow dashboard

New contract management app

Planned Q3/2021²

Legal Content Management

Automatic classification of legal documents based on certain criteria

Contract and lease management dashboard available for cloud analytics

Planned Q4/2021²

Portfolio and Location Management

SAP Intelligent Real Estate

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance – Accounting and financial close

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Corporate Close

Automated equity pickup

Financial Accounting

Additional revenue recognition methods for service documents

Reporting and process flexibility updates for revenue recognition in project-based sales and services

Automate revenue recognition for third-party order management and billing

Corporate Close

Support for the "compound" type in total data validation rules (cloud)

Financial Accounting

Drill back from central finance to cloud source systems

Inventory prices for parallel accounting

Support revenue recognition for further bill-ofmaterial scenarios

Down payments and further process updates in project-based scenarios

Revenue recognition for ad hoc billing plans in service management

Joint Venture Accounting

Support industry-specific allocations

Corporate Close

Tighter accounting – integration with group reporting

Monitor configuration flexibility

Entity Close

Intercompany matching and reconciliation – machine learning–based document matching (Cloud)

Financial Accounting

Improve decision-making through universal journal-based revenue management

Revenue recognition for product and subscription bundles

Support for manual revenue adjustments from the revenue accountant

Financial Reporting

Impairment and reclassification of receivables

¹ Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on SAP Help Portal. 2 This is the current state of planning and may be changed by SAP at any time without notice.

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SAP S/4HANA Cloud – Finance – Billing and revenue innovation management

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Convergent Invoicing

Integration with SAP Subscription Billing for invoicing and revenue accounting

Integration with SAP Subscription Billing for billing forecasts

Costs of consumption consideration in controlling and profitability analysis

Provide subscription and usage information to cash and liquidity management

Increased flexibility in tax determination and handling

Duplicate checks for consumption items and billable items

Invoicing for the utilities industry in the cloud

German turnover tax act support

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance – Cost management and profitability analysis

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Profitability Analysis

Simulation cockpit for integrated financial planning

Flexible assignment of accounting principles to ledgers

Predictive accounting for service contracts

Overhead Cost Management

Assign project costs to multiple assets under construction

Product Costing

Increase transparency by providing insight to production scrap in real time

Cost splitting for actual costing

Profitability Analysis

Parallel valuation with local and group accounting principles

Actual costing with multiple accounting principles

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance – Enterprise risk and compliance

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

International Trade Management

Display of international trade compliance status in SD sales documents

Enhancement of trade compliance checks in sales documents

Additional fields in Intrastat declarations for dispatches in the Netherlands

International Trade Management

Improved handling of blocked trade compliance documents

Additional filter for country in international trade classification apps

Trade compliance legal control checks for sales scheduling agreements

Screening checks for sales scheduling agreements

Trade compliance embargo checks for sales scheduling agreements

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance – Financial operations

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021² Planned Q4/2021²

Accounts Payable

Flexible payment schedules to support automated payment runs

Accounts Receivable

Legal adaptations for Brexit

Ability to customize UI layout

Ability to consume exposed APIs for the account statement

Improve security of credit payments by strong authentication

Enablement of fraud detection systems

Contract Accounting

SAP Fiori apps for dunning and collections management in contract accounting

Accounts Receivable

Simplify digital payment initiation through improved checkout capabilities

Ability to switch to a hybrid solution during credit-card payments

Ability to consume exposed APIs for a matchingpayment-with-invoice process

Request and display correspondences using the cloud for customer payments

Contract Accounting

Contract-based revenue recognition for subscription billing and contract accounting and invoicing

Creation of an installment plan as an additional invoicing function

Accounts Payable

Additional features for the management of recurring supplier invoices

Accounts Receivable

Basic KPIs for digital payments
Intelligent lockbox processing

Accounts Receivable

Automatic update of payment cards

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance – Treasury management (1/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Cash and Liquidity Management

Obtain insights into liquidity analysis by posting date and local currency

Financial Risk Management

Integration of counterparty limits in trading platform integration application

Overview of balance sheet FX risk based on snapshots

Cash and Liquidity Management

Facilitate bank statement processing by using bank account management settings

Debt and Investment Management

Connectivity to SAP Treasury and Risk Management through additional interfaces

Buying and selling money market funds through integration with trading platforms

Planned Q3/2021²

Cash and Liquidity Management

Credit line dashboard

Addition of funds and grants functionality for the public sector

Debt and Investment Management

Additional differentiation criteria for position management

Financial Risk Management

Execute intercompany FX trades through the I-TEX Intragroup Trading System from 360T

Planned Q4/2021²

Cash and Liquidity Management

Increase efficiency by supporting preparing the foreign bank account report

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Finance – Treasury management (2/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Payments and Bank Communications

Detect duplicate execution of payments coming from subsidiaries

Improved account statement processing in payment flow of a central payment factory

Payments and Bank Communications

Optimization of SLAs with participating subsidiaries in a central payment factory (cloud)

Grouping of multiple payments coming from connected subsidiary systems

Centralized handling of checks initiated in connected subsidiary systems (cloud)

Block automated processing of payments toward defined countries, banks, or certain currencies

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Manufacturing (1/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Demand-Driven Replenishment

Projected on-hand alerts based on the on-hand buffer status within the decoupled lead time

Provide flexible constraints for material groups and production lines

Kanban

Kanban control cycle analysis

Customer-specific stock transfer kanban replenishment processes

Material Requirements Planning

Intraday supply and production in alternative plants, plus work center groups in MRP apps

Kanban

Kanban control cycles analysis with details of the last container status change

Demand prediction for supplier collaboration in a demand-driven environment

Planned Q3/2021²

Material Requirements Planning

Demand-Driven Replenishment

Enable supplier collaboration by integrating MRP with SAP Ariba solutions

Additional fields in the planned order – free text

Planned Q4/2021²

Demand-Driven Replenishment

Flexible net demand and projected stock calculations

Material Requirements Planning

New scenario for (semi-)automated, forward-looking capacity adjustments

Deliver flexible integration by OData API for production orders

Enablement of time-dependent stock levels

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Manufacturing (2/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Production Execution

Improvements to high-volume confirmation process

Production Execution

Additional functional extensibility for production and process orders

Added functional extensibility for production- and process-order confirmation

Production Scheduling

Interactive planning in Gantt – comprehensive insights about production schedules and work progress

Production Scheduling

New "capacity mass maintenance" app – implementation of capacity master data changes in a mass manner

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on SAP Help Portal. 2This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Manufacturing – Quality management

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Quality Planning

Enable copy and assign functionalities for dependent characteristic specifications

Quality Inspection

Printout of inspection results for inspection lots

Quality Planning

Additional enhancements to functional scope of quality management

Quality Planning

Enhancements to functional scope of quality management

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Research and development

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Advanced Variant Configuration

Advanced variant configuration – enhanced integration into ETO scenarios

Advanced variant configuration – further syntax elements

Enterprise Product Management

Access bill-of-material apps on tablets

Advanced Variant Configuration

Classification – public interfaces for characteristics data

Enterprise Product Management

Outbound communication for bills of material

Integrated Product Development

Efficient bill-of-materials management with multilevel maintenance support

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Research and development – Enterprise portfolio and project management Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Project Financials Control

Scheduling of actual overhead calculation for projects

Include work packages using the Project Planning app

Harmonized OData API for project structures

Project Logistics Control

Copy enterprise project demands and settlement rules

Trigger procurement for enterprise project demands automatically

Trigger procurement process out of projects with estimated costs and item limits

Link with a project intelligence network

Sales Order Management and Processing

More-complex fixed-priced project billing scenarios for enterprise projects

Project Financials Control

Budget transfer capabilities for enterprise projects

Time Sheet

Ability for service performers to book their time on non-project related tasks

Project Financials Control

Detailed descriptions for enterprise projects

Settlement to multiple assets under construction (AuCs)

Project Financials Control

New revenue reporting options for enterprise projects with the new SAP Fiori app

Display of assigned work order costs in project cost report

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Research and development – Product compliance

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Dangerous Goods Management

Enhanced apps for managing packaged and unpackaged dangerous goods for products

Product Marketability and Chemical Compliance

Continuous content delivery for phrases

Safety Data Sheet and Label Management

Regulatory content update

New SAP Fiori apps to maintain data for sections 3, 7, 8 and 15 of the safety data sheets

Delivery of embedded phrases

Dangerous Goods Management

Regulatory content update 2105

Integration of dangerous goods check in procurement

Empower dangerous-goods experts through enhanced unpackaged and packaged dangerous-goods apps

Safety Data Sheet and Label Management

Work view for SDS maintenance

Integration of safety-data sheet check in procurement

Management of regulatory graphics

Embedded content phrases

New SAP Fiori apps to maintain data for safety data sheets (SDS), sections 9 and 10

Transportation Management

Dangerous goods checks in transportation demand and freight-order processing

Product Marketability and Chemical Compliance

Integration of product-marketability check in procurement

Integration of a supplier check for product compliance relevant products in purchase-order processing

¹ Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on SAP Help Portal. 2 This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sales (1/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Claims, Returns, and Refund Management

Enhance OData API with profit center and texts in accelerated returns management

Show the purchase order in the document flow of a returns order in the SAP Fiori app

Price Management

Synchronous API to retrieve sales prices

Sales Billing

Flexible billing document posting

Integration with subscription billing for invoicing of recurring and usage charges

Flexible aggregation of data on customer invoices for project-based services

Price Management

Save costs by easier identification of pricerelevant attribute values in the exported spreadsheet (cloud)

Sales Billing

Filtering of the billing due list by creator and creation date

Automatic transfer of attachments from preliminary billing documents to billing documents

Ability to re-evaluate billing documents after retroactive price changes and post adjustments

Price Management

Save costs by tracking price changes in sales efficiently in workflows (cloud)

Planned Q3/2021²

Save costs and simplify pricing configuration by reducing the number of condition types (cloud)

OData APIs for pricing configuration entities (read) (cloud)

Configure role-based access to price and cost details in sales and billing documents (cloud)

Sales Billing

Additional scenarios for invoicing with batch splits

Planned Q4/2021²

Price Management

Define a customer-specific calculation of priceelement scale base values

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sales (2/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021²

Planned Q4/2021²

Royalties Settlement for Sales

Manage and settle royalties for sales (cloud)

Sales Contract Management

Approval workflows for sales orders without charge (cloud)

Sales Order Management and Processing

SOAP API for sales order simulation – support "create with reference" functions

Automatic sales order creation from unstructured data

Fast editing of sales orders using the SAP Fiori app "Manage Sales Orders"

Flexible numbering of sales and delivery documents with CPF

Consistent delivery block settings for milestone billing of sales kits

Sales Order Management and Processing

Approval workflows for debit memo requests (cloud)

Introduce new variant of sales kits (price on header, logistics on item)

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Service

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Service Contract Management

Augment analytic capabilities for service contract management

Configurable products in service contracts

Solution Order Management

Inclusion of subscriptions in solution orders for consumption-based business

Service Contract Management

Ad hoc billing plan in service contracts

Solution Order Management

Configurable products for service-contract items in solution orders

Planned Q3/2021²

Planned Q4/2021²

Service Contract Management

Service contract management – credit checks for service contracts

Determine future sales volume and margins of service contracts

Service Order Management

Logistic integration of service orders

Planned costs in service orders

Credit management in service orders

Enhance service fulfillment with predictive and machine learning features

Solution Order Management

Integration of professional service projects into solution orders

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sourcing and procurement (1/5)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021²

Planned Q4/2021²

Central Invoice Management

Scheduling of jobs for central invoice management

Central Purchase Contract Processing

Output of central contract through output channels print and mail

Blocking of line items and distribution lines in central contracts

Payment terms, incoterms, shipping instructions in central contracts

Material unknown line item type in central contracts and central contract hierarchy

Central Purchasing

Enhancements in the app for central management of purchase requisitions

Central Purchase Contract Processing

Output of central purchase orders through output channels print and mail

Display of overall contract consumption in central contract header

Central Purchase Contract Processing

Calculation of target value in central contract

Output of central contract through output channel EDI

Approval facet in central contract and centrally managed purchase orders and requisitions

Central Purchasing

Support of non-SAP connected systems in central purchasing

Search central contracts based on material and material group

Central Purchasing Analytics

Price variance history for central purchasing contracts

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sourcing and procurement (2/5)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021² Planned Q4/2021²

Central Requisitioning

Update of central purchase requisition after change in a connected system

Spend Reporting

Dashboards in SAP Analytics Cloud for supplier evaluation

Invoice Processing

Taxation for different countries in a single supplier invoice

Central Requisitioning

Material reservations from central purchase requisitions

Purchase order price type in central purchase requisitions

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sourcing and procurement (3/5)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021²

Planned Q4/2021²

Purchase Order Collaboration

Discount management replacement of cXMLs by SOAP services

Ability to include the contract ID in the enhanced limit purchase order from SAP S/4HANA Cloud to Ariba Network

Purchase Order Processing

Enhance purchase order confirmation

Classification of attachments to purchase orders

Account assignment and schedule line information in My Inbox

Field control BADI for standard fields in purchase orders

Enablement of self-service configuration user interface (SSCUI) to define shipping instructions

Scheduling of price updates in business documents

Purchasing Rebate Management

Display of journal entry information on a settlement document (cloud)

Purchase Order Collaboration

Support of confirmation for enhanced limits for services and materials

Source Assignment

Product sourcing integration with SAP S/4HANA for enterprise contract management

Purchase Contract Management

Multilevel item hierarchy in purchase contracts

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sourcing and procurement (4/5)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021²

Planned Q4/2021²

Requirements Processing

Supplier search that includes value-added taxes and display of e-mail addresses

Workflow for purchase requisitions – exclusion of requesters from approver lists

Inquiry in PR workflow

Ability to choose and maintain display currency for purchase requisitions

Approval details in purchase requisition apps

Enablement of a factory calendar for deadline notifications

Ability to provide actual consumption values for limit items in purchase requisitions

Publish business events for purchase requisitions

Requirements Processing

Display approval preview within the purchase requisition fact sheet

Publish purchase requisition API in OData

Requirements Processing

Support of limit items in self-service purchase requisitions

Integration of lean services in a work order (cloud)

Requirements Processing

Copying of self-service requisitions in the Manage Purchase Requisition Professional app

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Sourcing and procurement (5/5)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Resource-Related Intercompany Billing

Entry of financial transaction type in apps for logistics invoice verification

Material management integration – tax fulfillment date

Self-Service Requisitioning

Support for lean services with limits

Intelligent robotics process automation within procurement

Strategic Sourcing

Support for lean-service items in RFQs to source with a sourcing solution

Supplier Evaluation

Parts per million in supplier evaluations

Self-Service Requisitioning

Editing of rejected purchase requisitions

Self-Service Requisitioning

Inclusion of tax code, tax determination date, and tax country in local and central purchase requisitions

Strategic Sourcing

Supplier integration using SAP Master Data Integration

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Supply chain

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021²

Planned Q4/2021²

Just-In-Time Processing

Schedule handling-unit creation from package groups to customer sequenced JIT calls (cloud)

Manage JIT delivery confirmations from customers (cloud)

Ability to filter for due settlement dates (cloud)

Goods Movement

Support for serial numbers in the goods receipt process

Batch Management

Enable flexible product hierarchy for batch determination

Goods Movement

Support for serial numbers in the goods movement process

Goods Movement

Additional functionality for subcontracting in goods movement processing

New application for managing reservations

Physical Inventory

Further support for serial numbers in the goods movement process

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Supply chain – Order promising

Product road map overview – Key innovations

Recent innovations¹

Advanced Available to Promise

Optimized availability of products for specific requirements by the ATP-check method for supply protection

New backward consumption strategy for product allocation – consumption of earliest periods first

Sales Order Management and Processing

Consideration of time constraints when substituting products

Planned Q2/2021²

Advanced Available to Promise

Review Availability Check Result app: Detailed explanation of basic method results

Consideration of conversion factors when substituting products

Sales Order Management and Processing

Ability to choose an alternative, with options calculated through alternative determination within a review availability

Substitution of plants based on a custom set of plants maintained in substitution master data

Planned Q3/2021²

Advanced Available to Promise

Increase flexibility when activating alternativebased confirmation

Business add-in for product allocation – Time series and check parameter changes before allocation checks

Activation of product allocation on the productlocation level considering the material availability date for validities

Ability to do availability checks for scheduling agreements without release

Planned Q4/2021²

Advanced Available to Promise

General support of variant configuration characteristics of numerical type within advanced available-to-promise (aATP)

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Supply chain – Delivery and transportation (1/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Delivery Management

New SAP Fiori app to manage output items for deliveries

Additional functionality in the OData API for customer returns deliveries

Create outbound deliveries with reference to scheduling agreements via OData API

Delivery Management

Enable new product hierarchy in delivery processing

Delivery Management

SOAP API for inbound or outbound proof of delivery

New app to schedule output for deliveries

New action for picking all items in Pick Outbound Delivery app

Dynamic dates in scheduling apps for goods movements for deliveries

Dynamic dates in scheduling apps for inbound delivery creation

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Supply chain – Delivery and transportation (2/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Transportation Management

Inbound and outbound process based on advanced shipping and receiving

Manual planning through the cockpit

Enable an indicator for a full truckload or less-than-full truckload

Manual consolidation of transportation demands to truck loads

Support for a shipping manifest

Support for the Incoterms 2010 regulations

Optimized shipment-date determination

Integration with product compliance

Integration with handling unit management

Transportation Management

Carrier subcontracting through SAP Logistics Business Network

Enable transportation management for moves within the company or group

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Supply chain – Warehousing

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Warehouse Management

Handling units in the cloud - SSC user interface

New fields in the API for warehouse storage bins

Enable the API for warehouse outbound delivery orders to retrieve serial numbers

API for posting updates for warehouse inbound deliveries

Use of packing instructions in the Post Goods Movement app

Warehouse Management

Additional flexibility to define the warehouse layout

Enablement of further options in the cloud replenishment process

Additional features in physical inventory processing

Additional handling unit management capabilities

Warehouse internal inspection

Additional configuration options for warehouse tasks

Serial number handling with stock-based serial numbers

Strategies to determine destination or source storage bins in put-away and stock removal

Basic cross-docking functionality to bypass regular put-away processes

Warehouse Management

Wave management to control warehouse activities

Enable attachment services for handling units

Field logistics cross-docking

App for posting unplanned goods issues based on the stock list in cloud warehousing

Mobile warehousing via the RF framework

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Oil and gas

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Logistics Planning and Execution

Support of forward and return logistics for rentals and supplier-owned items

Provision of messaging and notifications when processing returns at base locations

Support for new maintenance order types and settings

Process receipts for incoming items

Logistics Planning and Execution

Ability to maintain hold information in the maintenance order

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on SAP Help Portal. 2This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Professional services

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Fixed Price Billing

Partial write-offs and postponements in project billing

Resource-Related Intercompany Billing

Manage intercompany business processes

Time and Material and WIP Clearance Bills

Bill preparation based on the billing due date

Fixed Price Billing

Enabling down payments in project billing for project-based services

Time and Material and WIP Clearance Bills

Bringing back formerly written-off items in project billing

Mass creation of billing-document requests in project billing

Planned Q3/2021²

Customer and Internal Project Management

Ability to copy work packages

Periodic Billing Processes

Enablement of contract type periodic service in project billing

Time and Material and WIP Clearance Bills

Enablement of contract type usage-based billing in project billing

Planned Q4/2021²

Time and Material and WIP Clearance Bills

Notes handling across the process in project billing

Approval workflow for project billing requests

¹ Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on SAP Help Portal. 2 This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Public sector (1/2)

Product road map overview – Key innovations

Recent innovations¹

Grant Posting Control, Overhead, and Cost Sharing

Management of grant cost-sharing rules

Grant Reporting

Reduce effort to control grant spending

Planned Q2/20212

Budget and Financial Closing and Reporting for U.S. State and Local

Integration of treasury and risk management with public-sector management

Enablement of payroll postings using the agency fund

Time recording integrated with public-sector management

Provide flexibility for exception handling during budget availability checking

Planned Q3/2021²

Planned Q4/2021²

Budget and Financial Closing and Reporting for U.S. State and Local

Ability to deliver a chart of account for U.S. state and local governments in a starter system

Interest apportionment using average daily-balance calculations

Integration of earmarked funds for leasing contracts

Workflow approval processing for earmarked funds documents

Concur commitment integration for the public sector

Budget Maintenance for U.S. State and Local

Worker integration with time recording

Public sector budget release management

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Public sector (2/2)

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Grants Billing and Receivables

Ability to run resource-related billing for grants

Grant Posting Control, Overhead, and Cost Sharing

Automatic splitting of account assignments for budget consumption

Ability to calculate overhead based on specific grants and sponsor rules

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Integration

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/20212

Planned Q3/2021² Planned Q4/2021²

Interface Monitoring and Error Handling

Pull technical error information from middleware into SAP Application Interface Framework – inbound case (cloud)

Preprocessing for outbound web services and proxies for SAP Application Interface Framework (cloud)

Interface Monitoring and Error Handling

Use of a standard read access log in SAP Application Interface Framework (cloud)

Lean service support for integrating SAP Ariba
Contracts with central contracts in SAP S/4HANA

Interface Monitoring and Error Handling

Monitor based on the SAP Fiori user experience (UX) monitor – technical view (cloud)

Interface Monitoring and Error Handling

SAP Fiori UX monitor – Mass change (cloud)

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud – Technology

Product road map overview – Key innovations

Recent innovations¹

Planned Q2/2021²

Planned Q3/2021²

Planned Q4/2021²

Business Application Entry Point

Availability of links on the launchpad with spaces and pages

Machine Learning Scenario Management

ISLM: Improvements in training (cloud)

Business Application Entry Point

Use of the tile action menu when personalizing launchpad pages

Administrator ability to define the sort order of spaces in the space menu bar

Different tile sizes available on the launchpad with spaces and pages

Master Data Management

Increased scope in managing data-quality rules

Support for long texts in mass maintenance and mass processing

Business Application Entry Point

Integration with SAP Product Switch service

Technology

Adopt migration objects used in the SAP Fiori app "Migrate Your Data"

¹Feature highlights for SAP S/4HANA Cloud 2011. See Feature Scope Description for full scope on <u>SAP Help Portal</u>. ²This is the current state of planning and may be changed by SAP at any time without notice.

SAP S/4HANA Cloud

Local versions and languages

Recent Innovations

Planned Q2/2021

Planned Q3/2021

Planned Q4/2021

Localization Enhancement

- Australia
- Austria
- Belgium
- Brazil
- Canada
- China
- Czechia
- Denmark
- Finland
- France

- India
- Indonesia
- Ireland
- Italy
- Japan
- Luxembourg
- Malaysia
- Mexico
- The Netherlands

- New Zealand
- Norway
- Philippines
- Poland
 - Portugal
 - Romania
 - Russia
 - Saudi Arabia
 - Singapore
 - Slovakia
- Hong Kong, China
 South Africa
- Hungary
 - Spain
 - - Sweden
 - Switzerland

South Korea

- Taiwan, China
- Thailand
- Turkey
- United Arab Emirates
- United Kingdom

Localization Enhancement

- Australia
- Austria
- Belgium
- Brazil
- Canada
- China
- Czechia
- Denmark
- Finland
- France
- Hong Kong, China
 South Africa
- Hungary
- India
- Indonesia
- Ireland
- Italy
- Japan
- Luxemboura
- Malaysia
- Mexico
- The Netherlands

- Norway
 - Philippines

New Zealand

- Poland
- Portugal
- Romania
 - Russia
 - Saudi Arabia
 - Singapore
 - Slovakia

 - South Korea
 - Spain
 - Sweden

 - Switzerland Taiwan, China
 - Thailand
 - Turkey
 - United Arab Emirates
 - United Kingdom

Localization Enhancement

New Zealand

Norway

Poland

Portugal

Romania

Saudi Arabia

Singapore

South Korea

Switzerland

Taiwan, China

United Kingdom

United Arab Emirates

Slovakia

Spain

Sweden

Thailand

Turkey

Russia

Philippines

- Australia
- Austria
- Belgium
- Brazil Canada
- China
- Czechia
- Denmark
- Finland
- France
- Hong Kong, China
 South Africa
- Hungary
- India
- Indonesia
- Ireland
- Italy
- Japan
- Luxembourg Malaysia
- Mexico
- The Netherlands

Localization Enhancement

- Australia
- Finland
- India
- Italy
- New Zealand
- Portugal
- Romania
- South Korea
- The Philippines

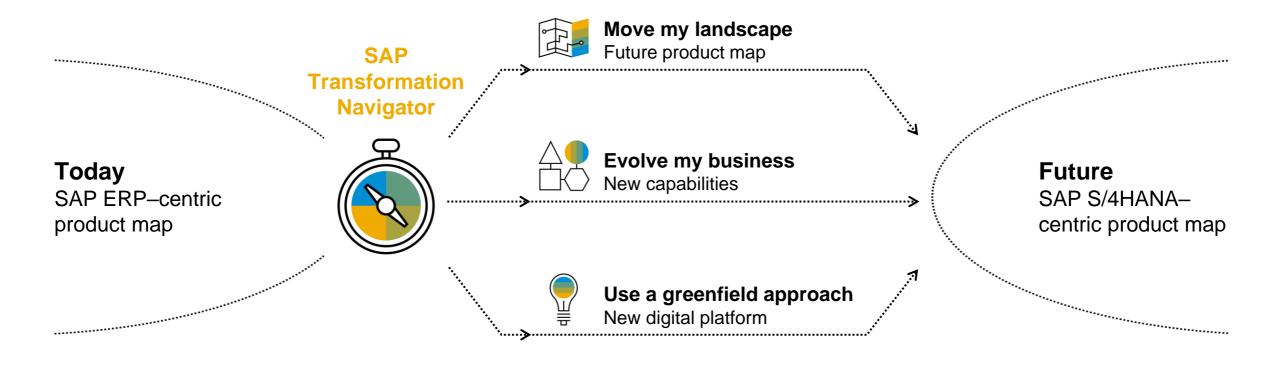
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Thank you.

