



## **Bill of Materials for S/4HANA Enterprise Management**

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# 7018652 SAP S/4HANA Enterprise Management for Professional use

# 7018538 SAP S/4HANA Enterprise Management for ERP customers

## 1 FINANCE

### 1.1 Accounting and Financial Close

#### **Description**

Simplify corporate accounting and financial close while enabling the improvement of accuracy and compliance with solutions from SAP. Record financial accounting data for multiple companies, currencies, charts of accounts, accounting principles, and industry requirements. Close books, create financial statements, and manage reports at the entity and corporate levels according to IFRS as well as local legal regulations; even make soft closes to produce interim reports when necessary.

#### **Key Capabilities**

- Asset Accounting
- Compliance Reporting
- Closing Operations
- Financial Reporting
- General Ledger
- Inventory Accounting
- Revenue and Cost Accounting

### 1.2 Financial Operations

#### **Description**

Solutions for finance operations from SAP leverages innovative technology, enabling rapid response to fluctuating market dynamics. Focusing on processing outgoing and incoming invoices finance operations are critical to a companies' commercial success. With real-time insights, anywhere access, managers can be enabled to act quickly - avoiding negative impact on receivables and make informed decision on payables execution.

#### **Key Capabilities**

- Accounts Payable
- Accounts Receivable
- Cash Management
- Electronic Billing and Payment
- Settlement Management
- International Trade Management

### 1.3 Financial Planning and Analysis

#### **Description**

Management accounting solutions from SAP are designed to provide the financial insight needed to proactively plan for and manage business performance and growth. This includes powerful tools which may be utilized to produce high-quality management reports and accounts, and to integrate management accounting into operations to deepen financial insight. Collect, assign, and analyze costs by project, order, cost center, or business process; to accurately evaluate the profitability of markets, channels, products, and segments.

### **Key Capabilities**

- Overhead Cost Management
- Product Costing
- Profitability Analysis

## **1.4 Public Sector Financials**

(Funds Management and Grants Management for Grantee)

### **Description**

Simplify public sector accounting, and integrate and streamline operational processes in finance and budgeting. Record financial and budgetary accounting data for multiple organizations, currencies, and accounting principles. Close books and budgets, create financial and budget statements, and manage reports according to local legal regulations as well as IPSAS. Streamline grants billing and collections processes and sponsor management and reporting.

### **Key Capabilities Funds Management:**

- Budget Maintenance (S/4 OP)
- Budget Execution (S/4 OP)
- Budget and Financial Closing and Reporting (S/4 OP)

### **Key Capabilities Grants Management for Grantee:**

- Billing and Posting Control (S/4 OP)
- Budget Management (S/4 OP)
- Closeout (S/4 OP)
- Financial Shared Services Management (S/4 OP)
- Grants Billing and Receivables (S/4 OP)
- Project Reporting (S/4 OP)
- Sponsor Management (S/4 OP)

## **2 HUMAN RESOURCES**

### **2.1 Time Recording**

#### **Description**

Enables the availability of key HR master data, which can connect to a Core HCM system in the cloud or on-premise. The system provides time recording capabilities to support billing and invoicing, as well as non-project-related tasks to include administration, training, travel and others. Users capture time assignments to deliver on workforce-payment and external-billing requirements.

#### **Key Capabilities**

- Employee Connectivity
- Time Sheet

## 3 SOURCING & PROCUREMENT

### 3.1 Supplier Management

#### **Description**

Designed to enable the management of external sourcing processes by allowing the efficient integration of core business management applications to cloud-based supplier management solutions from SAP (to avoid doubt, external processes and cloud based supplier management solutions are not part of S/4HANA Enterprise Management).

#### **Key Capabilities**

- Classification and Segmentation
- Supplier Evaluation

### 3.2 Operational Procurement

#### **Description**

Designed to improve procurement processes with a cohesive, unified solution. SAP software for operational procurement can help facilitate all of the following: combine procurement functionality with other core processes, accelerate and automate procurement processes with or without business network integration, ensure compliance, and decrease costs. As a result, gain insight into spend performance; identify opportunities for savings, and streamline spend analysis, source-to-contract, and procure-to-pay processes.

#### **Key Capabilities**

- Purchase Order Collaboration
- Purchase Order Processing
- Requirements Processing
- Service Purchasing and Recording
- Self-Service Requisitioning

### 3.3 Invoice Management

#### **Description**

Enables simplification of processes for collecting and checking invoices, verifying them against preconfigured business rules, and handling exceptions with SAP solutions for invoice and payables management. Automates data extraction and streamlines invoice management, helping to eliminate data entry errors and duplicate invoices. Enables the recording and management of accounts payable data, support standard payment methods, and adaption of payment formats to country-specific rules and regulations.

#### **Key Capabilities**

- Invoice Processing
- Invoice Collaboration

### 3.4 Sourcing and Contract Management

#### **Description**

Allows users to move from a disjointed, heterogeneous environment to a holistic and homogeneous platform with the ability to integrate to procurement networks that can help optimize sourcing and contract management. SAP software provides a comprehensive platform that ties sourcing and contract processes tightly together with the ability to extend their capabilities, to enable the development of a standardized contract-authoring process that meets broad requirements and business needs, and the establishment and use of a contract repository.

**Key Capabilities**

- Source Assignment
- Procurement Contract Management

**3.5. Procurement Analytics**

**Description**

Delivers up-to-the-minute insights with real-time purchasing reporting and procurement analytics. SAP software provides real-time insights into supplier spend, evaluations and scores, and contracts. It allows the use of embedded analytics in transactional processing, enabling the monitoring of critical business situations through real-time key performance indicators.

**Key Capabilities**

- Spend Visibility
- Real-Time Reporting and Monitoring

## 4 SUPPLY CHAIN

**4.1 Inventory**

**Description**

Improves logistics processes with streamlined material flow and transparency across all in- and outbound logistics operations. Integrates barcode and RFID technology in outbound processes for improved product availability and handling. Enhances customer service with reduced delivery errors, fewer stock-outs, and accelerated fulfillment. Raises operational efficiency by linking goods receipt processes to invoice management solutions. Creates transparency of shipping and receiving returnable packaging materials to and from business partners in real-time.

**Key Capabilities**

- Goods Issue
- Goods Receipt
- Inventory Analytics
- Returnable Packaging Logistics

**4.2 Warehousing**

**Description**

Enables companies to deliver the right products to the right place, on time, with integrated logistics execution processes. Automates warehouse operations to improve asset usage, increase throughput, and support on-time, accurate order fulfillment. Increases warehouse operations transparency with streamlined material flows and enhanced customer communication and collaboration.

**Key Capabilities**

- Warehouse Management

**4.3 Transportation**

**Description**

Helps to ship the right products without delay and deliver them to the right place at the right time, with modernized inbound and outbound shipping processes. Integrated logistics execution processes improve

shipping quality. Reduced logistics costs through stakeholder communication and transparency across basic transportation processes.

### **Key Capabilities**

- Shipping

## **4.4 Order Promising**

### **Description**

Facilitates order commitments based on actual stock information to enhance customer satisfaction. Provides order promising commitment dates and quantities during order creation and change processes, considering material availability. Provides delivery commitments for promised orders.

### **Key Capabilities**

- Available to Promise

# 5 MANUFACTURING

## 5.1 Production Planning

### **Description**

Helps to coordinate manufacturing operations with production planning and simulation solutions from SAP that integrate core processes and support language and localization requirements. Enables the adjustment of plans and schedules at desired frequencies with real-time information from the enterprise, suppliers, and the plant floor. Facilitates the management of material requirements, logistics, and receipts for proper material handling, work in process, and inventory. Allows the release of production schedules to the shop floor as production orders.

### **Key Capabilities**

- Material Requirements Planning

## 5.2 Production Operations

### **Description**

Enables control of production, such as make-to-stock, make-to-order, and repetitive processes. Integrates core processes and support language and localization requirements. Can be used to boost manufacturing throughput and first-pass yields, reduce work in process, and get more predictable, shorter cycles. Facilitates automated data collection to build and maintain as-built records, manage exceptions, and address nonconformance with embedded quality and compliance controls.

### **Key Capabilities**

- External Processing
- Production Execution
- Subcontracting
- Just-in-time Inbound Processing
- Just-in-time Outbound Processing
- Kanban
- Production Control
- Repetitive Manufacturing

### 5.3 Quality Management

#### **Description**

Permits the run of enterprise-wide, closed-loop quality management processes - from quality planning to quality operations for continuing process improvement. Quality management software can help manufacturing organizations:

- Equip quality managers with needed visibility
- Improve operations continuously and produce high-quality goods at low cost
- Drive down operating costs and limit poor product quality
- Meet customer and stakeholder expectations

#### **Key Capabilities**

- Quality Engineering
- Quality Improvement
- Quality Inspection

### 5.4 Manufacturing Insights

#### **Description**

Provides out-of-the-box analytics for key manufacturing figures, amounts, and product specifications. Enables companies to measure operations performance and react quickly with operational adjustments. Closes the loop between global enterprise strategy and execution at local plants using manufacturing analytics. Real-time alerts based on production bottlenecks, such as time or component delays, reduce shortfalls.

#### **Key Capabilities**

- Manufacturing Analytics

## 6 SALES

### 6.1 Order and Contract Management

#### **Description**

Helps improve revenue and cash flow by enabling the managing of the order-to-cash process across all touch points, channels, and functions. Supports integration of order and contract management functionality with core business processes while accommodating language and localization requirements. Utilize to get multichannel, role-based access to accurate, real-time information on products, pricing, customers, and contracts to help achieve day's sales outstanding and other key performance indicators.

#### **Key Capabilities**

- Sales Master Data Management
- Sales Contract Management
- Sales Order Management and Processing
- Sales Billing
- Claims, Returns and Refund Management
- Sales Monitoring and Analytics
- Sales Rebates Management

## 7 ASSET MANAGEMENT

### 7.1 Maintenance Management

#### **Description**

Maintenance and quality management solutions leverage a holistic approach including closed-loop quality planning, execution, improvement, and collaboration that integrate core processes and tightly assimilate advanced, quality planning across multiple applications. Include material management, plant maintenance and quality management functionality to plan and achieve a holistic strategy for maintenance and quality management.

#### **Key Capabilities**

- Maintenance Planning and Scheduling
- Maintenance Execution

## 8 R&D and ENGINEERING

### 8.1 Project Control

#### **Description**

Product and project management solutions allow the integration of a variety of simultaneous activities when implementing projects that utilize the integrated core processes and support language and localization requirements. Enables insight into product and project cost, time, scope, and quality performance. Tools in the solutions can be used to manage human resources and financial performance, as well as each project phase, from initiation to closure. Helps minimize project delays and prevent business interruptions.

#### **Key Capabilities**

- Project Financials Control
- Project Logistics Control

### 8.2 Product Engineering

#### **Description**

Product and project management solutions allow the coordination of manufacturing operations that utilize the integrated core processes and support language and localization requirements. Enables the adjustment of plans and schedules at desired frequencies with real-time information from the enterprise, suppliers, and the plant floor. Can be used to manage material requirements, logistics, and receipts for proper material handling, work in process, and inventory, as well as to release production schedules to the shop floor as production orders.

#### **Key Capabilities**

- Production BOM Management
- Recipe/Routing Management
- Variant Configuration
- Inspection Planning
- Product Development Foundation

## 9. REVENUE



## 9.1 Multichannel Billing

### **Description**

Helps to simplify invoicing by integrating sophisticated B2B offerings into one quote – one contract – one invoice.

### **Key Capabilities**

- Solution Billing

# 10. SERVICE

## 10.1 Service Master Data & Agreement Management

### **Description**

Helps to structure, plan and set up all service relevant master data information in order to run service businesses in a most effective way. The information covers internal information, such as customer or product data, including hierarchical structures of technical objects as well as external relevant information, such as service contracts incl. service level management or warranties management.

### **Key Capabilities**

- Warranty Management

## 10.2 Service Operations & Processes

### **Description**

Supports running harmonized end-to-end core service processes. Enables the full operative scope of service activities from service activity planning to service execution up to service confirmation and settlement. Covers various service scenarios, from rather lean service request management to complaint and returns management up to in-house repair as well as supporting and initiating field service focused process.

### **Key Capabilities**

- Service Request Management
- Service Order Management
- Service Fulfilment
- Service Billing & Settlement
- Multi-Channel Customer Engagement

# 7018653 SAP S/4HANA Enterprise Management for Productivity use

## 1 HUMAN RESOURCES

### 1.1 Time Recording

#### **Description**

Enables the availability of key HR master data, which can connect to a Core HCM system in the cloud or on-premise. The system provides time recording capabilities to support billing and invoicing, as well as non-project-related tasks to include administration, training, travel and others. Users capture time assignments to deliver on workforce-payment and external-billing requirements.

#### **Key Capability**

- Time Sheet

## 2 SOURCING & PROCUREMENT

### 2.1 Operational Procurement

#### **Description**

Designed to improve procurement processes with a cohesive, unified solution. SAP software for operational procurement can help facilitate all of the following: combine procurement functionality with other core processes, accelerate and automate procurement processes with or without business network integration, ensure compliance, and decrease costs. As a result, gain insight into spend performance; identify opportunities for savings, and streamline spend analysis, source-to-contract, and procure-to-pay processes.

#### **Key Capabilities**

- Self-Service Requisitioning

## 3 SUPPLY CHAIN

### 3.1 Inventory

#### **Description**

Improves logistics processes with streamlined material flow and transparency across all in- and outbound logistics operations. Integrates barcode and RFID technology in outbound processes for improved product availability and handling. Enhances customer service with reduced delivery errors, fewer stock-outs, and accelerated fulfillment. Raises operational efficiency by linking goods receipt processes to invoice management solutions. Creates transparency of shipping and receiving returnable packaging materials to and from business partners in real-time.

#### **Key Capabilities**

- Goods Issue
- Goods Receipt

### 3.2 Warehousing

#### **Description**

Enables companies to deliver the right products to the right place, on time, with integrated logistics execution processes. Automates warehouse operations to improve asset usage, increase throughput, and support on-time, accurate order fulfillment. Increases warehouse operations transparency with streamlined material flows and enhanced customer communication and collaboration.

#### **Key Capabilities**

- Warehouse Management

### 3.3 Transportation

#### **Description**

Helps to ship the right products without delay and deliver them to the right place at the right time, with modernized inbound and outbound shipping processes. Integrated logistics execution processes improve shipping quality. Reduced logistics costs through stakeholder communication and transparency across basic transportation processes.

#### **Key Capabilities**

- Shipping

### 3.4 Order Promising

#### **Description**

Facilitates order commitments based on actual stock information to enhance customer satisfaction. Provides order promising commitment dates and quantities during order creation and change processes, considering material availability. Provides delivery commitments for promised orders.

#### **Key Capabilities**

- Available to Promise

## 4 MANUFACTURING

### 4.1 Production Planning

#### **Description**

Helps to coordinate manufacturing operations with production planning and simulation solutions from SAP that integrate core processes and support language and localization requirements. Enables the adjustment of plans and schedules at desired frequencies with real-time information from the enterprise, suppliers, and the plant floor. Facilitates the management of material requirements, logistics, and receipts for proper material handling, work in process, and inventory. Allows the release of production schedules to the shop floor as production orders.

#### **Key Capabilities**

- Material Requirements Planning

### 4.2 Production Operations

#### **Description**

Enables control of production, such as make-to-stock, make-to-order, and repetitive processes. Integrates core processes and support language and localization requirements. Can be used to boost manufacturing throughput and first-pass yields, reduce work in process, and get more predictable, shorter cycles. Facilitates automated data collection to build and maintain as-built records, manage exceptions, and address nonconformance with embedded quality and compliance controls.

**Key Capabilities**

- Production Control
- Production Execution

## 5 ASSET MANAGEMENT

### 5.1 Maintenance Management

**Description**

Maintenance and quality management solutions leverage a holistic approach including closed-loop quality planning, execution, improvement, and collaboration that integrate core processes and tightly assimilate advanced, quality planning across multiple applications. Include material management, plant maintenance and quality management functionality to plan and achieve a holistic strategy for maintenance and quality management.

**Key Capabilities**

- Maintenance Execution

# 7018654 SAP S/4HANA Enterprise Management for Functional use

# 7019722 SAP S/4HANA Enterprise Management for Functional use

## 1 HUMAN RESOURCES

### 1.1 Time Recording

#### **Description**

Enables the availability of key HR master data, which can connect to a Core HCM system in the cloud or on-premise. The system provides time recording capabilities to support billing and invoicing, as well as non-project-related tasks to include administration, training, travel and others. Users capture time assignments to deliver on workforce-payment and external-billing requirements.

#### **Key Capabilities**

- Time Sheet

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### **Key Capabilities**

- Warehouse Management

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#### **Description**

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### **Key Capabilities**

- Shipping

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#### **Description**

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### **Key Capabilities**

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## **4 MANUFACTURING**

### **4.1 Production Planning**

#### **Description**

Helps to coordinate manufacturing operations with production planning and simulation solutions from SAP that integrate core processes and support language and localization requirements. Enables the adjustment of plans and schedules at desired frequencies with real-time information from the enterprise, suppliers, and the plant floor. Facilitates the management of material requirements, logistics, and receipts for proper material handling, work in process, and inventory. Allows the release of production schedules to the shop floor as production orders.

### **Key Capabilities**

- Material Requirements Planning

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Enables control of production, such as make-to-stock, make-to-order, and repetitive processes. Integrates core processes and support language and localization requirements. Can be used to boost manufacturing throughput and first-pass yields, reduce work in process, and get more predictable, shorter cycles. Facilitates automated data collection to build and maintain as-built records, manage exceptions, and address nonconformance with embedded quality and compliance controls.

#### **Key Capabilities**

- External Processing
- Production Execution
- Subcontracting
- Just-in-time Inbound Processing
- Just-in-time Outbound Processing
- Kanban
- Production Control
- Repetitive Manufacturing

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#### **Description**

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#### **Key Capabilities**

- Sales Order Management and Processing

## 6 ASSET MANAGEMENT

### 6.1 Maintenance Management

#### **Description**

Maintenance and quality management solutions leverage a holistic approach including closed-loop quality planning, execution, improvement, and collaboration that integrate core processes and tightly assimilate advanced, quality planning across multiple applications. Include material management, plant maintenance and quality management functionality to plan and achieve a holistic strategy for maintenance and quality management.

#### **Key Capabilities**

- Maintenance Planning and Scheduling
- Maintenance Execution

## 7 R&D and ENGINEERING

### 7.1 Project Control

#### **Description**

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#### **Key Capabilities**

- Project Financials Control
- Project Logistics Control

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#### **Description**

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#### **Key Capabilities**

- Production BOM Management
- Recipe/Routing Management
- Variant Configuration
- Inspection Planning
- Product Development Foundation



## 9. SERVICE

### 9.1 Service Master Data & Agreement Management

#### **Description**

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- Warranty Management

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#### **Description**

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- Service Billing & Settlement
- Multi-Channel Customer Engagement

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