Delta Scope – SAP Enhancement Package 8 for SAP ERP 6.0

August 2018
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Motivation for Enhancement Package 8

SAP ERP 6.0 Enhancement Package 8 is the latest enhancement package for SAP ERP. It delivers valuable innovations to our installed base ERP customers and lays the foundation for their conversion to SAP S/4HANA.

This slide deck covers the functionality delivered with support packages 1 to 10 of Enhancement Package 8 for SAP ERP 6.0. Support Package 10 was released in April 2018.
Motivation for Enhancement Package 8

- Commitment to our customers’ investments
- Innovations without disruption to SAP Business Suite customers on any database
- Fulfillment of extended maintenance commitment (SAP guarantees maintenance until 2025)
- Consolidation of sixteen support packages for SAP ERP 6.0 Enhancement Package 7
- Retrofit of Fashion Management solution
- New JAVA 8 enablement
- Helps customers to comply with EU’s Global Data Protection Regulations (GDPR)
EhP8: Key Innovations
Key Innovations for LoBs & Cross Application Components
SAP ERP 6.0 Enhancement Package 8

Asset Management
- Geographical Enablement Framework
- Information Center with Technical Object List
- Order Types for Confirming Unplanned Jobs
- Copying Order Operations and Components
- Workflow: Deactivation of Technical Objects
- Enterprise Search in the Input Help
- Visual Enterprise Asset Planner
- Enhancements for Materials in the Order

Finance
- Commodity Management
- Convergent Invoicing
- Contract Accounting
- Debt and Investment Management
- Financial Accounting

Manufacturing
- FMEA – risk analysis
- FMEA – moderator view

R&D/Engineering
- Dangerous Goods Management
- Product development
- Product Lifecycle Management
- Functional and usability enhancements
- Handover to manufacturing
- Product Safety Management
- Continuous improvements (usability, user interface)
- Specification Workbench

Sales and Distribution
- Return order creation in Advanced Returns Management
- Continuous improvements

Sourcing and Procurement
- Incoterms

Cross-Application Components
- Data Protection
  - Deletion of personal data
  - Information retrieval framework
  - Data controller rule framework
- Material Segmentation
- Merge of Components

Human Capital Management
- Workforce Reporting
- Payroll
- Organizational Management
- Employee master data
- Time management

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EhP8: Innovations for Industries

**Banking**
- Reserve for Bad Debts: Collective Risk Provisioning
- Loans Management for Banking
- Deposits Management

**Defense and Security**
- Defense forces and public security – deployed server enhancements

**Healthcare**
- Patient Management

**Higher Education**
- Fiori App “My Exams” for the student role
- “My requests” app, admissions portal, form designer
- Core Data Services Models
- Statistical Reporting Enhancements for Germany
- Optimization of data model
- Continuous improvements

**Insurance**
- SAP Fiori App “Approve Claim Payments”
- SAP Fiori App “Workload Management – Team Calendar”
- Foreign currency management
- Continuous improvements

**Media**
- Billing in Contract Accounts and Receivables
- Master Data Objects Provider and Contract
- Integration with Revenue Accounting

**Oil and Gas**
- Hydrocarbon supply chain optimization
- Upstream operations management (forecasting)
- SAP Fiori Apps e.g. Calculate Forecast; View Forecast Results; Approve and Publish Forecast; Gather Forecast Data; Manage Forecast Projects

**Public Sector**
- Tax and Revenue Management
- Collaborative Liabilities
- Debt Management
- Integration SAP Convergent Charging with SAP Convergent Invoicing
- Continuous improvements

**Retail**
- Retail merchandise management
- Harmonized processes for Wholesale
- Production Control Workbench
- Combined orders
- Enhanced fashion manufacturing and wholesale
- Omni channel promotion pricing
- Reactive PO monitor
- EAN Recycling
- SAP Fiori App “Transfer Products”
- Continuous improvements
- Retail Site Master Improvements

**Utilities**
- Meter-data-management related enhancements
- Simplified master data synchronization
- Continuous improvements for:
  - Meter reading
  - Technical objects
  - Billing and invoicing
  - Tax-exemption calculation
  - Reversal history of deleted meter reading documents
- Profile Value Data
- ENTRANSF
- Multiple Item Weighing

**Waste and Environmental Services**
- Subcontracting with valuable and non-valuable materials and with materials that have index prices
- Fill logic of field values for the waste disposal order cockpit (EWAWDOPC)
- Enhanced operation log for waste and recycling
- Material splitting of inbound deliveries at multiple item weighing
- Confirmation of empty drives

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EhP8: LoB Innovations
Cross Application
## Cross Application: Merge of Components

### Detailed Overview EhP8 Innovations

#### Simplification of Component Structure

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<thead>
<tr>
<th>Former Software Component</th>
<th>Merged to Software Component</th>
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<tbody>
<tr>
<td>EA-APPL</td>
<td>SAP_APPL</td>
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<tr>
<td>EA-APPL-GLO</td>
<td>SAP_FIN / SAP_APPL / EA-PS</td>
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<tr>
<td>EA-FI / EA-FIN</td>
<td>SAP_FIN</td>
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<tr>
<td>EA-GLTRADE-GLO</td>
<td>EA-GLTRADE</td>
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<td>EA-PS-GLO</td>
<td>EA-PS</td>
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<tr>
<td>EAFASH</td>
<td>EA-RETAIL</td>
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<tr>
<td>C-CEE</td>
<td>SAP_APPL / SAP_FIN</td>
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</tbody>
</table>

Available as of SP0

More information: [SAP Help Portal](https://help.sap.com), [SAP Note 2171334](https://service.sap.com/notes/2171334)
Cross Application: General Data Protection Regulation in EhP8
Detailed Overview EhP8 Innovations

EhP8 delivers functionality that helps customers to comply with GDPR data privacy regulations (effective May 25, 2018)

Scope:

These functions enable you to use the SAP Information Lifecycle Management (ILM) component to support the deletion of personal data and to control the deletion and blocking of business partner master data. Personal data collected in business partner master data can be blocked as soon as business activities for which this data is needed are completed and the residence time for this data has elapsed; after this time, only users who are assigned additional authorizations can access this data.

Key Benefit:

Simplify the processes for blocking and deleting personal data through the use of SAP Information Lifecycle Management (ILM)
# Cross Application: Blocking and Deletion of Personal Data

## Detailed Overview (1/2)

### LoBs - New functionality with EhP8

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<th>SAP Help Portal</th>
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<tbody>
<tr>
<td>Real Estate Management</td>
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<td>Recycling Administration (SD)</td>
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<td>Global Trade (LO-GT)</td>
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<td>Batch Management (LO-BM)</td>
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<td>Quality Management (QM)</td>
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<td>Handling Unit Management (LO-HU)</td>
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Cross Application: Blocking and Deletion & Tools
Detailed Overview (2/2)

## Industries and Cross Application – New functionality with EhP8

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<tr>
<td>Fashion Management</td>
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<tr>
<td>Fashion Management (LO-FSH)</td>
<td>SP4</td>
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<tr>
<td>SEM Banking</td>
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<td>Automotive</td>
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<td>Aerospace and Defense</td>
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<td>Mill Products</td>
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<td>Retail</td>
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<td>High Tech</td>
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<td>Lean Staffing (IS-PRS-LS) in Professional Services</td>
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<td>SAP Help Portal</td>
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<td>Audit Management (CA-AUD)</td>
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## Tools for Data Protection

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<td><strong>Information Retrieval Framework:</strong></td>
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<td>SAP Help Portal</td>
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<tr>
<td>Cross-application search for personal data</td>
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<tr>
<td><strong>Data Controller Rule Framework:</strong></td>
<td>SP7</td>
<td>SAP Help Portal</td>
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<tr>
<td>Storage of personal data</td>
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Material Segmentation Across Logistics
Detailed Overview EhP8 Innovations

Innovation: Material Segmentation in Vendor Consignment Process; Material Segmentation in Planning Strategies

Scope:
• Material Segmentation in Planning Strategies that represent the business procedures for the planning of production quantities and production dates
• Material Segmentation in Vendor Consignment allows order goods from external vendors as vendor consignments

Key Benefit:
• Logically segment materials based on certain attributes

Availability
SP2

More information
SAP Help Portal
SAP Help Portal
LoB Asset Management
Asset Management: Geographical Enablement Framework
Detailed Overview EhP8 Innovations

Innovation: SAP Geographical Enablement Framework, extension for SAP EAM (for enhancement package 8)

Scope
- Integration of SAP EAM business objects (pieces of equipment, functional locations, maintenance orders, and maintenance notifications) with the SAP Geographical Enablement Framework displaying EAM objects, which have geospatial data, on a map.
- Search for EAM objects in the Geo Editor and Geo Explorer, using SAP NetWeaver Enterprise Search.
- See basic attributes of the displayed objects when you select them on the map.
- Create, modify, and remove geospatial information of the geo-enabled EAM objects from the Geo Editor.

Key Benefits
- A map functions as a communication platform displaying EAM objects that might even have been overseen from different departments.
- Users gain more insights from their business data because different information can be represented on one map. This approach makes the correlation of objects more visible empowering users to make better decisions.
- An intuitive and map-based navigation increase efficiency. Objects can be identified easier on the map compared to the classic approach of using a list view. A user can select a single object on the map for further processing.

Availability
SP4

More information
SAP Innovation Discovery
Asset Management: Plant Maintenance
Detailed Overview EhP8 Innovations (1/3)

**Information Center with Technical Object List (POWL)**

**Scope:**
- New and individually configurable worklist for processing technical objects
- Display the most essential information in a table and process pieces of equipment and functional locations individually, change their status, as well as carry out mass data changes

**Key Benefit:**
- Individually configurable worklist for technical objects

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**Order Types for Confirming Unplanned Jobs (Web UI)**

**Scope:**
- Enable the use of SAP NetWeaver Enterprise Search in the input help for selected fields
- Search using keywords and categories
- Refine search by using filters
- Navigate directly to the objects listed in the result list.

**Key Benefit:**
- Safe and comprehensive real-time access to company data and information

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**Innovation: Enterprise Search in the Input Help (Web UI)**

**Scope:**
- Enable the use of SAP NetWeaver Enterprise Search in the input help for selected fields
- Search using keywords and categories
- Refine search by using filters
- Navigate directly to the objects listed in the result list.

**Key Benefit:**
- Safe and comprehensive real-time access to company data and information

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Asset Management: Plant Maintenance
Detailed Overview EhP8 Innovations (2/3)

Innovation: EAM: Copying Order Operations and Components

Scope:
- Copy operations and suboperations
- Copy assigned components
- Reassign components from one order operation to another

Key Benefit:
- Help ensure data consistency and reduce input time through the ability to copy operations and suboperations
- Save input time when assigning several similar components to operations
- Flexibly reassign components

Availability: SP10
More information: SAP Help Portal

Innovation: Enhancements for Materials in the Order (Web UI)

Scope:
- Maintain orders on the SAP Web UI for Plant Maintenance
- Enable materials to be copied as well as displayed
- Change the requirements date of individual materials

Key Benefit:
- Easier assignment of materials with similar data
- Easier scheduling of required data quantity

Availability: SP2
More information: SAP Help Portal
Asset Management: Plant Maintenance
Detailed Overview EhP8 Innovations (3/3)

Innovation: Visual enterprise asset planner

Scope
▪ Restructure the design structure, which results from the CAD, to match the asset structure and create viewables for the asset.
▪ Download multiple SAP 3D Visual Enterprise source files or .RH files as source structure, functional location hierarchy or equipment structure as a target structure
▪ Create visual links for the technical objects
▪ Source can also be a manufacturing BOM with visual representation generated from Visual Manufacturing Planner, if no appropriate representation of a part is available in design structure.

Key Benefits
▪ Restructure 3D engineering data as a prerequisite to creating service instructions
▪ Restructure 3D engineering data to map existing technical objects and technical object structures
▪ Link a newly created visualization to the asset structure
▪ Link a newly created visualization to a piece of equipment

Workflow: Deactivation of Technical Objects

Scope:
▪ Maintenance plan
▪ Equipment task list
▪ Functional location task list
▪ Equipment bill of material
▪ Functional location bill of material
▪ Notification list of incomplete items
▪ List of incomplete maintenance orders

Key Benefit:
▪ Increase planner efficiency through automated business processes
▪ Make decisions based on the decision options defined in the back-end system and trigger the corresponding follow-up activities
▪ Reduce obsolete master data
▪ Assure data consistency when deactivating a technical object

Availability
SP1
More information
SAP Innovation Discovery

Availability
SP9
More information
SAP Help Portal
LoB Finance
LoB Finance: Commodity Management
Detailed Overview EhP8 Innovations (1/7)

Innovation: Commodity analytics: mark-to-market (MTM) snapshot reporting for soft commodities

**Scope**
Reporting of MTM valuations based on state of the business transactions at specific times (the "snapshots"), such as at end of day. MTM calculation available for soft commodities that are priced based on commodity futures with additional basis, differentials, and premium pricing components in:
- Logistics transactions in sales and purchasing, taking into account the complete lifecycle from contract creation to final delivery and invoicing
- Stock
- Financial transactions with derivative category "commodity futures"

**Key Benefits**
- Addresses the reporting needs of companies buying, selling, or trading soft commodities that get priced based on commodity futures with additional basis, differentials, and premium-pricing components
- Supports overview reporting (management KPIs) as well as detailed drill-down capabilities on contract, material, plant, and pricing components
- Makes end-of-day MTM values available shortly after market close (see end-of-day innovation)
- Enables you to check your MTM anytime end-of-day and compare day over day

**Availability**
SP2

**More information**
[ SAP Innovation Discovery ]
**LoB Finance: Commodity Management**

**Detailed Overview EhP8 Innovations (2/7)**

**Innovation: Commodity analytics: mark-to-market accounting**

**Scope**

Extension of mark-to-market (MTM) valuations with an accounting transaction that enables you to post mark-to-market values to your accounts. You can post the documents and offset the posted documents when they are no longer needed.

Availability of MTM calculations for:

- Physicals contracts in sales and purchasing, taking into account the complete lifecycle from contract creation to final delivery and invoicing
- Stock
- Financial transactions, such as derivatives used for hedging purposes

**Key Benefits**

- MTM valuation that addresses the reporting needs of companies buying, selling, or trading soft commodities that are priced based on exchange-traded futures with additional basis, differentials, and premium pricing components
- Easy-to-use transaction for posting the end-of-day MTM valuations at period end, plus flexible grouping of valuations for settlements
- Reversal of postings in the follow-on period
- Integration of process steps in the financial closing cockpit (optional)

**Availability**

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**More information**

- [SAP Innovation Discovery](#)
Innovation: Commodity analytics: profit-and-loss reporting with attribution for soft commodities

Scope
- Provides an overview of the profits and losses from mark-to-market (MTM) valuations of logistic and derivative transactions and material stock for commodities
- Enables users to reproduce the impact of market-price movements on profit-and-loss values achieved and how the prices agreed upon with business counterparts influence the outcome of the trades against the market
- With attribution, aims to explain the changes in the MTM values between two points in time, caused by market-price movements or by changes within logistic and derivative transactions
- Is based on and enhances the existing MTM reporting for soft and agricultural commodities

Key Benefits
- Delivers reliable P&L and risk analysis in a timely and consistent manner – for each trader’s portfolio and for the overall company
- Takes into account all activities in the trading end-to-end business process, such as deal changes, logistics scheduling, and execution, as well as changes in the market
- Provides detailed insights and an explanation of changes on the profit-and-loss of commodity trades – and shows where actions need to be taken

Availability
- SP4

More information
- SAP Innovation Discovery
Innovation: Commodity management – delivery allocation to pricing lots

**Scope**
- Allocate or re-allocate delivery quantity to one or multiple pricing lots – for both purchase inbound and sales outbound deliveries
- Automatic allocation of delivery quantity to pricing lot using FIFO rule
- Billing and invoice verification that takes into account delivery allocation for price calculations
- Risk-position management that takes allocations into account

**Key Benefits**
- Automatic FIFO-based allocation and easy-to-use manual allocation for improved end-user productivity
- Fully supported and streamlined system-based provisional and differential billing and invoice verification, allowing for automatic processing of invoices in the background or manual processing in less time and with better quality

**Availability**
- SP1

More information: [SAP Innovation Discovery](#)

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**Price fixations in order**

**Allocation**

**Invoices**
Innovation: Commodity management analytics – end-of-day processing

Scope
Introduces real-time versioning of the relevant physical contract date, which allows for the creation of data snapshots at any point in time, such as at defined end-of-day cutoff times; enables ad-hoc end-of-day reporting through the real-time valuation of included physical deals with the latest market data
• Real-time versioning of relevant data upon any change in the contract lifecycle
• Definition of end-of-day time per organizational unit
• Ability to define and prepare end-of-day snapshots for physical and financial transactions
• Ability to check and monitor end-of-day processing jobs
• End-of-day reporting and day-over-day comparison (see related innovation “Commodity management – position reporting”)

Key Benefits
• Flexible setup and monitoring of day-closing activities
• End-of-day reports available shortly after end-of-day time, with the number of end-of-day batch jobs reduced to a minimum; (please see the related innovations for commodity analytics, recent and planned)
• Ability to apply corrections to end-of-day reports, such as to market data, in near real time

Availability
SP1

More information
SAP Innovation Discovery
LoB Finance: Commodity Management
Detailed Overview EhP8 Innovations (6/7)

Innovation: Commodity management analytics – position reporting for soft or agricultural commodities

Scope
Introduces a new risk profile (110) to commodity position reporting that is optimized for traders in the agricultural sector who see fixed prices as a risk and use futures and basis for pricing
- Reporting future and basis risks
- Structuring these risks by the pricing statuses of the physical transactions
- Determining spread risks between the delivery month and the pricing month for physical transactions with the pricing status "no future established" (NFE)
- Reporting the risks in the units of measure of different dimensions
- Supporting the CPE-based market-price rule for material stock exposures
- End-of-day reporting
- Day-over-day comparison

Key Benefits
- Addresses the reporting needs of companies buying, selling, or trading soft commodities that get priced based on exchange-traded futures with additional basis, differentials, and premium pricing components
- Supports overview reporting (management KPIs) as well as detailed drill down on contract and pricing components
- Makes end-of-day positions available a short time after market close (see end-of-day innovation)
- Enables you to check your positions anytime, end-of-day and compare day over day

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Innovation: Commodity pricing – basis, differentials, and premiums

**Scope**
- Commodity trading companies use the concept of basis pricing to account for differences in local market conditions when exchanging traded quotations (such as futures). These differences are also known as (location) differentials or premiums. This innovation introduces the basis pricing capabilities to the commodity management solution, including a flexible and extensible concept for defining various types of price differentials; differential pricing fully integrated in the commodity pricing engine (CPE) allowing users to link the main commodity price (typically the future-based commodity market price) with the differential price; and price setting for futures and differentials at the same time or independently.

- A related innovation, commodity analytics, offers position reporting for soft or agricultural commodities with a position report that differentiates between future and basis price components.

**Key Benefits**
- Easy definition and maintenance of a huge set of differential types and locations as well as the internal or market differential price
- Automatic determination of the market norm differential based on deal locations, commodity, quality, and incoterms

**Availability**
- SP1

**More information**
- SAP Innovation Discovery

**Key Product Features**
- Enter basis market data
- Flexible derivation of the basis market data based on document attributes by using the CPE condition technique
- Basis in the commodity position reporting
Finance: Convergent Invoicing (1/2)
Detailed Overview EhP8 Innovations

Innovation: Enhanced correction processing

Scope:
Ability to analyze and fix potential invoicing issues prior to invoicing

Key Benefits:
- User ability to create "DEBIT" or "CREDIT" notes

Availability: SP4
More information: SAP Innovation Discovery
## Innovation: IFRS 15 compliance – migration and operational load from SAP Hybris Billing

**Scope**
Enrichment of existing operational contracts (provider contracts) in the SAP Hybris Billing solution with data relevant to revenue accounting and with migration into the SAP Revenue Accounting and Reporting application for transition to the IFRS 15 accounting standard.

**Key Benefits**
- Load existing operational contracts into SAP Revenue Accounting and Reporting for compliance with the new IFRS 15 accounting standard.

**Availability**
SP2

**More information**
[SAP Innovation Discovery](#)

## Innovation: Revenue recognition and accruals in SAP Hybris Billing

**Scope**
- Support for unbilled revenue accruals and associated processes
- Ability to record expenses and revenues in the periods in which they occur, and thus meet legal requirements to do so
- Functionality for unbilled evaluations, down to the contract level and on a daily basis, in order to offer unbilled revenue figures and to provide management reporting.

**Key Benefits**
- Compliance with legal and regulatory requirements such as IFRS.

**Availability**
SP4

**More information**
[SAP Innovation Discovery](#)
Finance: Contract Accounting (1/3)
Detailed Overview EhP8 Innovations

Contract Accounts Receivable and Payable
Innovation: Convergent Invoicing, CI Debit/Credit Request

Scope:
• Revert a released billing request and its billable items
• Delete released or reversed bill requests
• Choose how main attributes of the billable items to be created are determined

Key Benefits:
• Flexible input options when triggering creation of a credit memo or debit memo by creating a billing request for an invoicing document
• View total amount of all released or non-released billing requests for each invoicing document item or billable item to be corrected

Contract Accounts Receivable and Payable
Innovation: Manage Cash Desk as Cash Register

Scope:
• Connect the cash desk to a cash register solution in Contract Accounts Receivable and Payable (FI-CA).

Contract Accounts Receivable and Payable
Innovation: Convergent Invoicing, CI Local Currency Conversion, CI Event for BIT and CIT Upload, CI Event for Billing Plans, CI External Reference

Scope:
• Transfer billable items containing amounts in a foreign currency that have an external exchange rate that is different to the exchange rate stored in the system
• Enhance the upload of billable items or consumption items from an external file
• Change the content of customer-specific fields in the billing plan header, implement checks for these fields, and trigger these checks at specific events
• Specify a reference for processes in Convergent Invoicing

Enhancements for the Parallel Billing of Payment Cards

Scope:
• The following enhancements for the parallel billing of payment card data (transaction FPCS) are now available in Contract Accounts Receivable and Payable:
  • Classification of non-billable items as containing errors without further processing
  • Automatic return posting of non-billable payments
  • Posting of charges that are levied by credit card institutes for successfully billed payments Exclusion of payments from processing
Finance: Contract Accounting (2/3)
Detailed Overview EhP8 Innovations

Contract Accounts Receivable and Payable
Innovation: Tax Determination on the Basis of the Recipient of Service, Billing Plans, Resubmission of Documents, Credit Processing, and Approval and Release of Receivables Adjustments by Workflow

Scope:
- Take prospective attributes of the recipient of service into account in the utilization of the provider contracts for tax determination
- Schedule the invoicing of regular payments with billing plans
- Provides a reminder function for reference objects (for example account, business partner, document) including a resubmission date and optional text.
- Perform a return of payment on account to clarification for a credit and/or select and process several credits simultaneously in credit clarification.
- Keep receivables adjustments in a status that has to be confirmed and upon creation of a receivables adjustment an approval workflow will be automatically started
- Approval Workflow for Installment Plans
- Contract in Installment Plan Histories
- Central Dunning Lock of Business Partner
- SEPA: Display of Active Mandate in Bank Details
- Clarification Accounts with Clarification Processing
- Enhancements with Requests
- Reversal in Requested Special Period
- Approval Workflow for Receivables Adjustments
- Ol List
- Create Debit/Credit Memo

Contract Accounts Receivable and Payable
Innovation: Convergent Invoicing

Scope:
- Local currency conversion
- Debit or credit memo request
- Events for the upload of billable items and consumption items
- Events for the billing plan
- External reference

Key Benefits:
- Invoicing process that will work with foreign currency amounts, which are included in "billable items," to calculate the correct amount in local currency
- Flexible input option to create a debit or credit memo request
- During the upload of billable items or consumption items, availability of new events to execute customer-specific checks
- Availability of new events for the billing plans to execute a customer-specific calculation of the billing plan amount
- External references, such as reference ID links between documents and processes
Finance: Contract Accounting (3/3)
Detailed Overview EhP8 Innovations

Innovation: Nondeductible input taxes

Scope
Nondeductible input taxes to be covered in FI-CA so that it is possible to post incoming invoices with nondeductible input taxes

Key Benefits
Ability to post nondeductible input taxes in collections and disbursements

Ability to balance the deductible input tax against the output tax, with the businessperson paying tax on only the added value of sales or purchases and with the nondeductible input tax excluded

• Output tax: tax paid to the government
• Input tax: tax paid to vendors
• Nondeductible input tax: tax that is already paid to a vendor that cannot be balanced against an output tax

Availability
SP2

More information
SAP Innovation Discovery
Finance: Debt and Investment Management
Detailed Overview EhP8 Innovations

Innovation: Money Market Enhancement

**Scope**
Product category 550 (interest-rate instrument)
- Scaled interest condition
- Accrued interest condition
- Parallel interest condition group

Product category 580 (current account-style instrument)
- Scaled interest condition
- Parallel interest condition group

New transaction category 300 for investments and borrowing
- Asset and liability position switch

**Key Benefits**
Flexibility regarding interest conditions and related cash-flow calculation:
- Scaled interest calculation
- Accrued interest calculation
- Parallel interest condition group
- Asset and liability position switch

**Availability**
SP1

**More information**
SAP Innovation Discovery
SAP Help Portal

Innovation: Treasury and risk management – transaction management localization for Hungary

**Scope**
Comply with Hungarian bank and insurance sectors that require a country-specific solution for off-balance postings for some types of transactions, in accordance with the following regulations:
- 250/2000. (XII.24.)
- Hungarian government decree: 21.§, paragraphs (1), (2), and (3)

**Key Benefits**
- Ability to make off-balance postings for treasury and risk management in Hungary

**Availability**
SP4

**More information**
SAP Innovation Discovery
Finance: Treasury and Risk Management (1/3)
Detailed Overview EhP8 Innovations

Innovation: Treasury and risk management – hedge management (preparation for IFRS 9)

Scope
- Create a hedging area to represent a company’s hedging policy
- Enhance transaction management and exposure management with additional fields
- Determine a net open exposure report

Key Benefits
- Introduce new operative processes in compliance with International Financial Reporting Standard 9 (IFRS 9)
- Prepare for IFRS 9 using hedge management functionalities that will allow for future automation of the process and compliance with IFRS 9

Availability
SP3

More information
SAP Innovation Discovery

Innovation: Treasury and risk management – hedge management and accounting for foreign exchange risks

Scope
Hedge management and accounting for foreign exchange (FX) risks
- Hedge management cockpit
- Versioning for hedging area
- Target quota definition for hedging area
- Hedge accounting definition for hedging area
- Snapshot mechanism for exposure data
- Automated designation process for FX forward contracts
- Period-end close activities for hedge accounting for FX forward contracts
- Reporting transactions supporting hedge accounting for FX forward contracts (TPM12, TPM13, and TPM20)

Key Benefits
- Support for customer compliance with IFRS 9 Phase III – hedge accounting
- First step into the automation of the hedge accounting process

Availability
SP6

More information
SAP Innovation Discovery
Innovation: Treasury and risk management – hedge management and accounting for FX risks with options

**Scope**
Full foreign exchange (FX) management process automation:
- Identification and snapshots of exposures
- Hedge management and decision support
- Capture of financial transactions
- Automated designation into hedging relationships
- IFRS 9 Phase III accounting support for FX forwards and the option types "plain vanilla" and "zero-cost collar"
- Credit-value adjustment (CVA) add-on method
- Full fair-value calculation using swap rates

**Key Benefits**
Foreign currency risk management and accounting:
- Full and comprehensive process support for managing foreign currency risks
- Management of foreign currency risks arising from different exposures, such as forecasted transactions or firm commitments

**Availability**
SP7

**More information**
SAP Innovation Discovery
Finance: Treasury and Risk Management (3/3)
Detailed Overview EhP8 Innovations

Innovation: Financial Instrument: Bank Guarantee

Scope
New financial instrument Bank Guarantee within SAP Treasury and Risk Management.
- Bank Guarantee Lifecycle Management
- Accounting
- Correspondence
- BAPIs
- Integration with Credit Risk Analyzer
- Reports

Key Benefits
- Product category in trade finance is enabled in position management and accounting
- Correspondence process is enabled for the product category in trade finance
- Within the product category Bank Guarantee, you can activate the integration with Credit Risk Analyzer

Availability
SP2

More information
SAP Help Portal

Innovation: Transaction Management, Additional Fields

Scope
Additional fields:
- Profit Center
- Cost Center
- WBS Element
- Business Area

Key Benefits
- Enhanced administration and customizing

Availability
SP2

More information
SAP Help Portal
Finance: Financial Accounting
Detailed Overview EhP8 Innovations

Innovation: Financial Accounting Enhancements

**Scope**
- Enhancements for Tax on Sales/Purchases and VAT;
- Collective Call of External Tax System
- Enhancements for Automatic Payment Transactions for Customers and Suppliers;
- Enhancements to Online Payments and Payments with Repetitive Code
- Enhancements for SAP Bank Communication Management;
- Cross-Component Check of IBAN Usage
- Activation of Payment Release List per Company Code
- Time Stamp for Change Documents in Real Estate Management

**Key Benefits**
- Large amount of enhancements for handling tax systems, payment transactions etc.

**Availability**
- SP1

**More information**
- SAP Help Portal
Finance: Group Close with SEM-BCS
Detailed Overview EhP8 Innovations

Innovation: Group Close – Check Digit

**Scope:**
- Calculate check digits for transaction data at the level of detail of the organizational unit at three different posting levels (reported financial data, standardizing entries, consolidation entries) and persist them in the system.
- Enable the product category in trade finance in position management and accounting
- Enable correspondence process for the product category in trade finance.

**Key Benefit:**
- Facilitate and accelerate the check process for consolidated financial statements

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Finance: Treasury and Risk Management:
Detailed Overview EhP8 Innovations (6/7)

Innovations for SAP Banking:
Bank Customer Accounts; Collateral Management

Scope:
- Utilize the release procedure (principle of dual control) for account master data
- Collateral Management: Calculations functions have been enhanced

Key Benefits:
- Reduce risk of error or misuse when account data is created/changed
- Identify collective collateral agreements automatically and compute prior charges differently from other collateral agreements.
- Restrict prior charges when distributing the highest lending limit (HLL) of collateral objects to collective collateral agreements

Innovation: Accounting: Creation of Financial Statements for Rental and Leasing Contracts

Scope:
- Valuate rental and leasing contracts according to different accounting principles in particular, according to the leasing standards IFRS16 and US GAAP (as at 2016).

Key Benefits:
- Define parameters for the valuation according to different accounting principles
- Calculate and post the value of right-of-use assets and leasing liabilities based on defined conditions
- Utilize runtime to post non-activate-able costs linearized and to expense

Bank Customer Accounts (IS-B-BCA)

Scope:
- Process the financial statement preparation for current accounts in parallel

Key Benefits:
- Reduce time significantly in the runtime of the financial statement preparation
- Optimize time required for end-of-day processing

Innovation for Public Sector: Collection Strategy; Debt Set Management; Asset Income Register; Enhancements for Budgeting and Availability Control

Scope:
- Derive collection strategy
- Manage debt sets
- Describe debtors financial situation
- Mass approval for:
  - Pre-posted budget entry documents
  - Trace Logs
  - Waiting Queues for exclusive AVC locks
- Display derived FM account assignments
- Activate derivation traces for availability control

Key Benefit:
- Large amount of enhancements for the Public Sector Management
Trade Repository Reporting via External Provider

**Scope:**
Send financial transaction data to an external provider. The external provider, VirtusaPolaris, will then transform the data to the trade repository.

**Key Benefits:**
You can save your selections in different variants according to your needs, e.g. a variant for all active financial transactions with an end of term after the current date.

**Availability**
SP3

More information
SAP Help Portal
Human Resources: Workforce Reporting (1/4)
Detailed Overview EhP8 Innovations

Innovation: Enhancements to the Ukrainian wage type reporter

**Scope**
- XML generation
- Additional field selections and heading fields based on DAQ
- Additional heading fields (redefined)

**Key Benefits**
- Ability to receive generation-output data in an electronic (XML) format
- Option for extension of the report with additional sources through DAQ-based fields
- Ability to add additional data (free format) in the common part of the report (header)

**Availability**
- SP2

**More information**
- SAP Innovation Discovery
Human Resources: Workforce Reporting (2/4)
Detailed Overview EhP8 Innovations

Innovation: Human capital management report-management system – optimized processes

Scope
- Optimized process for the report management system in human capital management:
- Simplified data gathering based on automatic monitoring of personal assignments
- Redefinition of the report process with actions appropriate to business-centric tasks
- Optimized report reconciliation through a “checks” framework that improves report error handling – offered by the payroll control center

Key Benefits
- Dramatic reduction in time to gather data for reporting and the reporting process, end to end
- Reduced manual activity for business users
- Optimized error handling through a role-based approach introduced by the payroll control center
- Full control of personal assignments in relation to the statutory report
- Monitoring organization assignment of employees to reporting areas and ability to make relevant changes retroactively when necessary

Availability
- SP5

More information
- SAP Innovation Discovery
Innovation: Human capital management report-management system for legal reports

Scope
- A complex software solution that enables you to manage the complete legal reporting process and to prepare high-quality legal reports more quickly and efficiently
- Realization of Russian Pension Fund correction reporting requirement RSV-1, based on the report management system (RMS)

Key Benefits
Advances in the report management system enable users to:
- Manage reporting processes using calendar definitions
- Control the consistency of legal reporting data using the customizable “business checks” functionality
- Prepare, check, and download results for the different types of legal reporting – in a single transaction
- Prepare legal reporting based on previously submitted forms
- Store all submitted legal forms and retrieve them in the state in which they were submitted (versioning)
- Define authorizations for different actions in the legal-reporting process so that users can see only the data that they need and are authorized to see
- Add custom reports to RMS processing
- Execute operations on the legal reports and customize the list of supported operations

RSV correction reporting in RMS has following advances:
- Automatically creates a correction form
- Automatically generates the starting balance in a new period, which reflects the totals retrieved from the previous period
- Stores information about batches (including name of XML file and position of an employee’s information in it)

Availability
SP3

More information
SAP Innovation
Discovery
Human Resources: Workforce Reporting (4/4)
Detailed Overview EhP8 Innovations

Innovation: Human capital management solution for the public sector in Russia

Scope
Use the Russian country version of payroll for public sector organizations, with the ability to perform activities that satisfy business and legal requirements in the Russian public sector as a result of the following features:
- Russian info types that are specific to the public sector
- Payroll calculations
- Reporting for the public sector in Russia

Key Benefits
- Control of budget compliance in master data, payroll calculation, and payroll posting
- Rankings and access to classified information with corresponding additional payments
- Average rate calculations and the ability to differentiate payments by KBK (budget code classification)
- Net payments and separate bank transfers by KBK

Availability
SP1

More information
SAP Innovation Discovery

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Human Resources: Payroll
Detailed Overview EhP8 Innovations

Innovation: SAP Payroll control center add-on

Scope
- Optimized payroll process with the new, role-based payroll control center that allows business users to analyze payroll results and directly take action, based on findings
- Redefinition of the end-to-end payroll process in which business users need to focus only on exception handling or processing
- Predefined checks and diagnostics that run in real time, based on declustered data, and that push results to various business-user roles
- Optimized payroll reconciliation via a “checks” framework that improves payroll error handling – offered by the control center

Key Benefits
- Dramatic reduction in time to complete the payroll process end to end
- Improved business user satisfaction
- Optimized error handling

Availability
SP1
More information
SAP Innovation Discovery

Innovation: Vacation reserves calculation for Ukraine

Scope
- Payroll changes: new payroll functions, wage types, customizing, and more
- Reporting extension: support for new payroll data in the Ukrainian wage type reporter

Key Benefits
- Ability to calculate reserves for vacation amounts and for social contributions of vacation amounts while calculating payroll, using the standard payroll schema
- FI posting customization for amounts of reserves and payments from reserves
- Ability to reflect the movement of reserve amounts in a special reporting tool

Availability
SP2
More information
SAP Innovation Discovery
Human Resources
Detailed Overview EhP8 Innovations (1/3)

Innovations: Support organizational growth and employee engagement with a single, centralized system for global and local workforce management and payroll processes; HR Renewal

Scope:
- HR Core Processes
  - Employee Master data
  - Organizational Management
  - Payroll
  - Time Management
User Experience
- Employee Self Service
- Manager Self Service
- HR Professional
Mobile Strategy
- Employee Fiori Apps
- Manager Fiori Apps
- Cross Fiori Apps for Managers and Employees

Key Benefits:
- Real time process insight
- Faster correction activities
- New payroll user experience
- Further country content
- Continuous enhancements and development throughout customer connection
- Permanent access and new design paradigm

EhP8 delivers an increasing number of Fioris
Human Resources: Organizational Management
Detailed Overview EhP8 Innovations (2/3)

Organizational Management

**Scope:**
- Personnel and Organization
- Payroll
- Employee Self Service
- Manager Self Service
- Time Management
Human Resources
Detailed Overview EhP8 Innovations (3/3) Interfaces: Examples

Post creation

Scope:
- All info-types and links at a glance
- Save draft function
- Easy activation of workflows and "four-eye-principle"

Profile Page and info-types

Scope:
- Info-types for today’s date
- Call-up History, Edits, Creation, etc. directly
Manufacturing: Quality Management
Detailed Overview EhP8 Innovations

Innovation: FMEA – risk analysis

**Scope**
- New concept for defining a highly efficient and detailed risk analysis in FMEA (failure mode and effects analysis), which offers a great degree of flexibility with freely defined risk matrices
- Easy identification of most critical risks through traffic lights

**Key Benefits**
- Risk analysis that offers a high degree of flexibility in defining risk matrices
- Easy identification of the risk of causes through traffic lights

**Availability**
- SP4

**Innovation: FMEA moderator view**

**Scope**
- Provide a separate working mode for moderators in which different, synchronized views of the FMEA (failure mode and effects analysis) and its objects can be processed simultaneously with the views providing different perspectives of the same up-to-date information
- Deliver a filterable worklist view with FMEA actions that can be used as a starting point to visualize and process a selected action in different views, which are displayed in parallel on the user interface of the FMEA

**Key Benefits**
- A better overview of the data that has to be checked during the review of an FMEA

**Availability**
- SP5

**More information**
- SAP Innovation Discovery
LoB R&D/Engineering
R&D/Engineering: Project System
Detailed Overview EhP8 Innovations

Innovation: Continuous Improvements for SAP Project System (2015) - Wave 2

**Scope**
Continuous improvements to the usability and functionality of SAP’s Project System, based on selected improvement requests from cycle two of Customer Connection for Project System

**Key Benefits**
- Extended consistency-validation options for project elements and assigned objects
- Improvements to the user interface for project builder
- Mass-change capabilities for project statuses
- Status-change document reporting across projects
- Advanced project-settlement rule reporting

**Availability**
SP3

**More Information**
SAP Innovation Discovery
R&D/Engineering: Dangerous Goods Management
Detailed Overview EhP8 Innovations

Innovation: Dangerous goods management: classify dangerous goods as marine pollutant or environmentally relevant

Scope
Empower the dangerous goods expert to define values for marine pollutants and as environmentally relevant in a customizing table, which is relevant for the classification of dangerous goods

Key Benefits
React appropriately to future changes in dangerous goods regulations – through the replacement of the "fixed value" list with a customizing table

Availability
SP2

More Information
SAP Innovation Discovery
Innovation: Enhancements for product structure and assembly management

Scope
Enhancements for product structure management (PSM), assembly management, and mass maintenance of PSM:
- Enhancements to data maintenance with history requirements
- Improvements to the dependency maintenance table (DMT)
- Ability to make mass replacements of change numbers
- Optimized header creation
- Improved handling of session change numbers
- Enhancements for copying product assembly headers with change numbers

Key Benefits
- Optimized header creation: provides flexible control of header data creation
- Improved handling of session change numbers: simplifies the change process by automatically creating change states
- Mass replacement of change numbers: allows users to replace the change number for multiple items
- Enhancements for copying product assembly headers with change numbers: assigns an active change number to the copied assembly header and related assembly items
- Improvements to the dependency maintenance table (DMT): improves usability and the user experience
- Enhancements for data maintenance with history requirements: simplifies the process of creating and changing variants and relationships as they pertain to the “historical maintenance required” function

Availability
SP1

More information
SAP Innovation Discovery
R&D/Engineering: Product Lifecycle Management (1/3)
Detailed Overview EhP8 Innovations

Innovation: Functional and usability enhancements for engineering records

**Scope**
- Improved functionality in engineering records:
  - Introduction of change documents
  - Enhanced task rejection
  - E-mails for process routes

**Key Benefits**
- View and analyze changes
- Regarding engineering records, specify how decisions are made or use the default handling service for task rejection provided by SAP
- View the rework reasons when a task is rejected and has to be reworked
- Manually send e-mails for tasks at any time by selecting a task and choosing Actions / Send E-Mail on the process route tab in your engineering record
- Set up your system to automatically send e-mails when the processing status of a task related to your engineering record changes

**Availability**
- SP1

### Innovation: Functional and usability enhancements for global process route templates

**Scope**
- Use of all product lifecycle management Web UI objects in GPRTs
- Support for engineering record types in GPRTs

**Key Benefits**
- Define GPRTs for all product lifecycle management Web UI objects, such as material, document, BOM, and the like
- Specify the engineering record type in a GPRT so that only engineering records with that record type can use the GPRT

**Availability**
- SP1

### More information
- SAP Innovation Discovery
R&D/Engineering: Product Lifecycle Management (2/3)
Detailed Overview EhP8 Innovations

Innovation: Functional and usability enhancements for process routes

Scope
- Display user details for process routes
- Enhance the process route log
- Forward process route tasks in engineering records

Key Benefits
- Gain greater transparency on exactly which user processed a task in a process route
- Improve usability and transparency of the process route log in the product lifecycle management Web UI with the following changes:
  - Status information, including icons that show the processing status of a task at a glance
  - Improved terminology
  - Detailed log, showing the information about all of the actions executed for a selected task
- Enable a processor or change coordinator to forward the process route task

Availability
SP1

More information
SAP Innovation Discovery
R&D/Engineering: Product Lifecycle Management (3/3)
Detailed Overview EhP8 Innovations

Innovation: KPI dashboards for engineering records

**Scope**
- KPI dashboard for engineering record data in SAP Lumira

**Key Benefits**
- Improve visibility and tracking of engineering changes
- Review the contents of various changes by material, documents, and the like
- Simplify management of the overall change process

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Innovation: Performance improvements for engineering record change items

**Scope**
- Optimize performance of the engineering record database

**Key Benefits**
- Significantly speed up your processing of engineering record data

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R&D/Engineering: Handover to Manufacturing
Detailed Overview EhP8 Innovations

Innovation: Manufacturing engineering: visual enterprise manufacturing planner

Scope
- Non-visual, material-based bill of materials as source
- Automatic component allocation
- Semi-automatic change management
- Product context management
- Visual work instructions

Key Benefits
- Support for visual and non-visual scenarios
- Replacement of manual work by system-supported automation
- System support to identify changes
- Simulations and work instructions that include geometrical context
- Generation of visual work instructions to be consumed on the shop floor

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R&D/Engineering: Product Safety (1/2)
Detailed Overview EhP8 Innovations

Innovation: Product safety – deletion of personal data

**Scope**
- The blocking and deletion of personal data by using the SAP Information Lifecycle Management (SAP ILM) component is supported for the following functions:
  - Report management – for inbound reports with the status “historic” or “archived”
  - Report shipping – for report-shipping orders with the status “historic,” “archived,” or “rejected”
  - Substance volume tracking – for data in the “sold quantities” property, plus assignment of ERP business partners as external-only representatives (AVs) or external business partners (BPs)
  - Global label management – for customer-specific labels

**Key Benefits**
- Provide support to customers in complying with legislation

**Availability**
SP3

**More information**
SAP Innovation Discovery

Innovation: Product safety – new and changed properties and characteristics in EHS property tree

**Scope**
Additional and updated properties and characteristics included in the environment, health, and safety (EHS) property tree

**Key Benefits**
Enterprises enabled to remain legally compliant in product safety – through new and changed properties

**Availability**
SP7

**More information**
SAP Innovation Discovery
R&D/Engineering: Product Safety (2/2)
Detailed Overview EhP8 Innovations

Innovation: Product safety: define conditions for safety statements in the EHS expert rule editor

Scope:
- Empower product safety experts to define conditions for safety statements to automatically generate information for safety data sheets in the specification workbench

Key Benefits:
- Product safety experts can now define company-specific conditions

Availability: SP2

More information: SAP Innovation Discovery

Innovation: PS: Define Conditions for Safety Statements

Scope:
- Empower product safety experts to define conditions for safety statements to automatically generate information for safety data sheets in the specification workbench

Key Benefit:
- Product safety experts can now define company-specific conditions

Innovation: Deletion of Personal Data in Waste Management (EHS-WA)

Key Benefit:
- Functionality that simplifies blocking and deleting personal data with the SAP Information Lifecycle Management (SAP ILM) component in Waste Management (EHS-WA)
Innovations: Display of User Details for Process Routes; Emails for Process Routes in Engineering Records; Introduction of Change Documents for Engineering Records; Forwarding of Process Route Tasks in Engineering Records

Scope:
- Enables greater transparency on exactly which user processed a task in a process route, by providing links to the processors in the Process Tasks column
- Send e-mails manually for tasks at any time in the engineering record
- View and analyze changes; insertions, deletions, or updates made to an engineering record
- Forward process route tasks in engineering records to other system users, as a processor or change coordinator

Key Benefits:
- Gain greater transparency on exactly which user processed a task in a process route
- Improve usability and transparency of the process route log in the PLM Web UI with the following changes:
  - Addition of status information, including icons
  - Improvements in the terminology
R&D Engineering:
Detailed Overview EhP8 Innovations (2/2)

Innovations: PLM Enhancements for Header Data Creation; Dependency Maintenance Table; Change Number Handling; Maintenance of Objects with History Requirement; Mass Replacement of Change Number; Copy of Product Assembly Header with Change Number

Scope:
• Control automatically created header data for product structures
• View and maintain the object dependencies of a whole product structure in a data grid
• Replace the same change number associated with multiple objects with a new change number
• Assign active change number to variants, relationships, and geometric instances automatically
• Maintain the data of the objects historically

Key Benefits:
• Highly customizable reconciliation workbench UI
• New conflict type for creating a new change state for an existing source item
• Overview of the mapping relations between source and target items with a quantity comparison
• Restructuring target items during synchronization

Scope:
• Control automatically created header data for product structures
• View and maintain the object dependencies of a whole product structure in a data grid
• Replace the same change number associated with multiple objects with a new change number
• Assign active change number to variants, relationships, and geometric instances automatically
• Maintain the data of the objects historically

Innovations: BOM to BOM Synchronization Enhancements; PSM to BOM Synchronization Enhancements

Scope:
• Edit object dependency on the reconciliation workbench
• Re-create deleted target BOM items from source structure
• Synchronize into an already existing target BOM
• Material BOM change restriction for GSS-created BOMs

Key Benefits:
• Highly customizable reconciliation workbench UI
• New conflict type for creating a new change state for an existing source item
• Overview of the mapping relations between source and target items with a quantity comparison
• Restructuring target items during synchronization
LoB Sales
Sales Detailed Overview EhP8 Innovations

Innovation: Continuous improvements for Enterprise Resource Planning – Sales and Distribution

Scope

- Innovation based on the selected improvement requests from the sales and billing 2016/2017 Customer Connection project:
- Enhancement of Email Functionality for Output Control
- Interface for LO-ARM return orders
- Display the order creation time in the header details of the sales document
- Shortcut key/button to output in Sales order and Billing Document
- User-defined restriction of dropdown lists for order reason and rejection reason
- Change History for Material Substitution Condition Records
- Automatic navigation to correct sales and distribution document or billing document transaction for
- Display of reference document information in item details
- Third-party: Taking total quantity into account for delivery status or order-related billing status

Key Benefits

- Increased efficiency for ERP users
- Provide direct visibility of the creation time of a sales order
- Quickly display output screens of sales order header, item, and billing documents
- Enable automatic navigation to the correct transaction
- Display the reference document information in the detailed data of a sales document item (‘Sales A’ tab)
- Set the delivery status to partially delivered and/or the order-related billing status to partially billed, depending on the Customizing settings

Availability

SP1

More information

SAP Innovation Discovery

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Sales
Detailed Overview EhP8 Innovations

Innovation: Continuous improvements for enterprise resource planning – sales and distribution 2017–2018

Scope
Innovation based on the selected improvement requests from the sales and billing 2017–2018 SAP Customer Connection program:
• Creation time in sales document flow
• Product Hierarchy - Indicator for Subsequent Levels
• Sorting at Cross-selling items list
• Mastercard 2-series Bank Identification Number (BIN) Validation

Key Benefits
• Increased efficiency and usability for our ERP sales and distribution users
• Switchable enhancements to improve the user experience
• Quickly navigate to selected documents from the sales document flow
• Quickly navigate to correct product hierarchy level

Availability
SP10

More information
SAP Innovation Discovery
LoB Sourcing and Procurement
Innovation: Incoterms Versions

Scope:
- Usage of Incoterms 2010 version in procurement process
- Ensures that only incoterms which are valid for a specific version can be selected

The following document types have been enhanced:
- Purchase Order
- Purchase Contract
- Purchasing Info Record
- Request for Quotation
- Scheduling Agreement

Key Benefit:
- Handling of documents improved

Availability: SP0

More information: SAP Help Portal
EhP8: Industry Innovations
Banking
Banking: Reserve for Bad Debts (FS-RBD)
Detailed Overview EhP8 Innovations

Innovation: Reserve for Bad Debts – Collective Risk Provisioning Extension Framework

Scope
- Extension to the SAP Reserve for Bad Debts component that provides a framework that is usable for collective risk provisioning
- Flexible framework with adjustable processes for data import, impairment category assignment, calculation of risk-provision need, and also approval and posting
- Ability to maintain different profiles of necessary parameters needed for calculations (including exposure of default, loss given default, and probability of default)
- Nonrestrictive, definable customer-specific rules for impairment-category assignment on the single financial instruments level
- Replaceable calculation methods that can be implemented to meet legal requirements
- Ability to use the expected cash flow procedure in SAP Reserve for Bad Debts, along with the impairment processing extension as a combined tool for single and collective risk provisioning

Key Benefits
- Increased process efficiency
- Lower operational cost through the reduction of manual back-office tasks
- Reduced total cost of ownership and total cost of investment
- Capability to cover multiple international and local impairment calculations (such as IFRS 9 and GCC) at the same time

Availability
- SP2

More information
- Innovation Discovery
Banking: Loans and Deposits Management
Detailed Overview EhP8 Innovations

Innovation: SAP Loans Management for Banking application, Suite edition: enterprise services (II)

Scope
- Service-oriented architecture to lower integration cost, reduce complexity, and increase flexibility regarding process changes
- Simplification of process orchestration and support of omnichannel architecture
- Standardized interfaces

Key Benefits
- Service-oriented architecture to lower integration cost, reduce complexity, and increase flexibility regarding process changes
- Simplification of process orchestration and support of omnichannel architecture
- Standardized interfaces

Availability
SP3

More information
Innovation Discovery

Innovation: SAP Deposits Management for Banking, Suite edition – dual-control principle for accounts

Scope
- Implementation of a dual-control principle (a four-eye principle) for the creation and change of accounts

Key Benefits
- Implement a high security level for the creation and change of accounts

Availability
SP2

More information
Innovation Discovery
Defense and Security
Defense and Security
Detailed Overview EhP8 Innovations

Innovation: Defense forces and public security – deployed server enhancements

Scope
SAP for Defense and Security solutions – improvements, enhancements, and corrections made to the deployed server for optimized data distribution among centralized and decentralized ERP systems.

Examples:
- Provision of additional business add-ins (BAdIs) empowering the customer to influence the standard system behavior
- Unification of functionality across data objects and business scenarios
- Improved message log handling

Key Benefits
- Extended functional capabilities resulting from removal of restrictions
- Improved data consistency between the central and distributed ERP systems, resulting in less rework for the user
- Better insight into the status of the data flow
- New extensibility options for customers to influence data distribution according to individual organizational requirements

Availability
SP1

More information
Innovation Discovery
Healthcare
Healthcare
Detailed Overview EhP8 Innovations

Innovation: SAP EMR Unwired Backend-Adapter for SAP Patient Management and i.s.h.med

Scope
• Seamless integration between the SAP Patient Management application and the SAP EMR Unwired mobile app
• Easy, secure access to patient data for physicians and nurses – right at the point of care – with SAP EMR Unwired

Key Benefits
Connects SAP Patient Management as a back-end application to the mobile server for healthcare, which is middleware for the SAP EMR Unwired mobile app

Enables:
• Seamless, out-of-the-box integration with SAP Patient Management
• Minimal configuration effort, as no mandatory additional configuration in SAP Patient Management is required
• Instant enablement of the clinical workforce
• Out-of-the-box integration with i.s.h.med
• Optional integration points for other clinical systems

Availability
SP3

More information
Innovation Discovery
Higher Education and Research
Higher Education and Research: Student Lifecycle Management
Detailed Overview EhP8 Innovations (1/5)

Innovation: SAP Fiori App "My Exams" for the Student Role

Scope
Allows students to register to scheduled assessments, modify their registration or cancel their registration if they need to deregister themselves.
- Tasks can be performed on a tablet or mobile device, too.

Key Benefits
Register for scheduled assessments using mobile devices in a very simple and lean manner
- Cancel registrations for scheduled assessments
- See the different options available for scheduling an exam

Availability
SP9

More information
Innovation Discovery
Fiori Apps Library
## Innovation: Continuous improvements to the "My requests" app, the admissions portal, and the form designer tool

### Scope
Continuous improvements to the "my requests" U15 app, the admissions portal, and the generic form designer tool, including the following features:

- Passing of data from the mini-questionnaire to the main form
- Functionality to show dependent questions based on multiple answers and not equal to the operator
- Control of dependent values based on multiple parent values
- Support for optional documents in the form designer tool
- User ability to revert the "published" status of an application form

### Key Benefits
- Improved usability and flexibility for admissions officers and applicants

### Availability
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### More information
[Innovation Discovery](#)
## Higher Education and Research: Student Lifecycle Management

### Detailed Overview EhP8 Innovations (3/5)

#### Innovation: Core Data Services Models for Key Academic Processes

<table>
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<tr>
<th><strong>Scope:</strong></th>
<th><strong>Key Benefits:</strong></th>
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| Several core data services views that enable reporting on academic processes in the SAP Student Lifecycle Management application | • Improved reporting  
• Better performance |

**Availability:** SP2

**More information:** [Innovation Discovery](#)

#### Innovation: Statistical Reporting Enhancements for Germany

<table>
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<tr>
<th><strong>Scope:</strong></th>
<th><strong>Key Benefits:</strong></th>
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| Statistical reporting functionality that enables Germany-based customers using the SAP Student Lifecycle Management application to:  
  o Perform statistical calculations such as student statistics and exam statistics, which are required at the federal state level  
  o Delivery of statistical reporting functionality with enhancement package 7, support package 4 as required by legal changes introduced in 2016 for universities reporting in Germany:  
    o Functionality to meet new reporting requirements, which led to the introduction of some new fields and deletion of some existing fields  
    o New reporting functionality for post-graduate, doctoral students  
    o Support statistical reporting in accordance with new legal requirements | • Support statistical reporting in accordance with new legal requirements |

**Availability:** SP6

**More information:** [Innovation Discovery](#)
**Higher Education and Research: Student Lifecycle Management**

**Detailed Overview EhP8 Innovations (4/5)**

**Innovation: Continuous improvements in 2017 for SAP Student Lifecycle Management**

**Scope**

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<tr>
<td></td>
<td>Enhanced academic work with a field for number of attempts</td>
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<td>Population of credit fields when creating module work</td>
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<td>Admission process – fee-calculation enhancements (New S0 object)</td>
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<td>Mass change specializations</td>
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<td>Advisor mass creation, massive updates, and mass delimiting operations</td>
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<td>Enhanced mass update of performance indexes (PIQPIUPDATE00)</td>
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<td>Standard reports</td>
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<td></td>
<td>Additional functions for health insurance management</td>
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<td></td>
<td>Bilingual data maintenance – additional information for an individual work (cloud)</td>
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<td></td>
<td>Changes in the “SORT” function for the “PIQSTD – VISA” tab</td>
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<td>“Key dates” range in the “Advisor” tab in the student file (PIQST00)</td>
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<td>Module catalog “sort and search” functionality (PIQ_ACCATLG)</td>
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<td>Cohort builder – error messages with additional details provided</td>
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**Key Benefits**

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<tr>
<td></td>
<td>Enhancements and improved usability</td>
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**Availability**

|   | FP7 |

**More information**

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<td>SAP Innovation Discovery</td>
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Innovation: Data Protection and Privacy RAL for Admission Portal

**Scope**
- Read-access logging for Admission Portal
- Deletion of personal data
- Data archiving objects
- Business partner end of purpose check (EoP)

**Key Benefits**
- Supports data privacy by providing security features

**Availability** SP10

**More information** SAP Help Portal

Innovation: Optimization of the data model

**Scope**
Optimization and simplification of the data structure in the SAP Student Lifecycle Management application:
- Tables optimized and consolidated – resulting in improved performance and optimizations

**Key Benefits**
- Improved performance
- Single data source for all admission and registration processes without redundancy
- Easier reporting

**Availability** SP6

**More information** SAP Innovation Discovery
Innovation: SAP Fiori App - Approve Claim Payments

**Scope**
- Presents all payments made by team members to the supervisor for approval
- Displays all relevant details a supervisor has to check before making a decision:
  - Payment details
  - Claim details
  - Notes and attachments
- Provides approval and rejection reasons for selection

**Key Benefits**
- Quick and efficient way to approve claim payments
- Increased usability for this important process
- Eliminate delays in paying policy holders and claimants

**Availability**
SP3

**More information**
- SAP Fiori Apps Library
- SAP Help Portal
Insurance
Detailed Overview EhP8 Innovations (2/3)

Innovation: SAP Fiori App – Workload Management – Team Calendar (ERP)

Scope
- SAP Fiori app for managing the claims team calendar – desktop or mobile app that provides an overview for maintaining the availability of team members based on unplanned absences, which influence workload distribution

Key Benefits
- Easy and quick access to claim-handler availability information
- Improved usability in maintaining unplanned absences (such as sicknesses)
- Entry of absences in the claims team’s calendar with claim handlers being marked unavailable for automatic workload as a result
- Ability to readily use insight obtained from the team calendar when making decisions about workload distribution – leading to a balanced workload
- Balanced team workload, which leads to faster claim handling and higher customer satisfaction

Availability
SP5

More information
SAP Innovation Discovery

The Claims Team Calendar – Days View

The Days view displays a two-week period.
Insurance
Detailed Overview EhP8 Innovations (3/3)

Innovation: Claims management for insurance – foreign currency reserves

**Scope**
Ability to set any reserves (loss, expense, and expectation) in currency that is different from the policy product currency

**Key Benefits**
- Further supports business processes
- Improves customers claims processes

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Innovation: Continuous improvements for SAP Insurance Claims Management 2016

**Scope**
- Enhance "subrogation" functionality for claim header payments
- Display payment amounts in local currencies on the payment screen
- Sort payees in alphabetical order on the payment screen (as additional option)
- Copy a claim (for instance, the creation of two claims, one for building and one for home content, in the event of an incident fire) with basic data and enhancement features
- Access online functionality for "RECOVERY_FETCH"

**Key Benefits**
Provides flexibility and improvements with regard to existing functionality

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</table>
### Innovation: Billing in Contract Accounts Payable and Receivable 1 (MED-INV_PP_1)

**Scope:**
- Employ the provider contract in SAP Convergent Invoicing in the SAP for Media area.

**Key Benefits:**
- Improvement of existing and new features of SAP Convergent Invoicing in IS-M context

### Innovation: Master Data Objects Provider Contract and Product

**Scope:**
- Utilize the new master data objects media, provider contract, and product in an integrated scenario with SAP Customer Relationship Management (SAP CRM), Contract Accounts Receivable and Payable in SAP ERP and SAP Convergent Charging (SAP CC)
- Create invoices and credit memos, post the corresponding receivables or payables, and manage until paid

### Innovation: Integration with Revenue Accounting

**Scope:**
- Integrate SAP Convergent Invoicing with Revenue Accounting, if you:
  - Use provider contracts
  - Use the SAP ERP add-on SAP Revenue Accounting and Reporting

**Key Benefits:**
- Improved integration

---

**Availability** SP1
**More information** SAP Help Portal
Oil and Gas
**Oil and Gas: Hydrocarbon Supply Chain Scheduling**

**Detailed Overview EhP8 Innovations (1/2)**

---

### Innovation: Hydrocarbon supply chain optimization on the SAP HANA platform*

**Scope**
- Enhancements to inventory-planning workbench:
  - Hydrocarbon supply chain scheduling solution optimized on SAP HANA
  - Real-time stock projection for multiple locations and products with a state-of-the-art user experience
  - Bulk Inventory Planning using Inventory Cockpit (TSW)
  - Enhanced simulation functionalities for supply chain schedulers
  - Nomination planning workbench with "mass update" and "mass create" functionalities

**Key Benefits**
- Faster decision making through real-time visibility into stock projections and improved simulation functionalities
- Improved scheduling efficiency through reduced or eliminated need for double maintenance of data in separate transactions
- More effective reporting through immediate access to up-to-date schedule information without the need to copy and paste data into separate spreadsheets
- Optimized inventory levels through better visibility

**Availability**
- SP1

**More information**
- [Innovation Discovery](#)

---

### Innovation: Enhancement of hydrocarbon supply chain optimization on the SAP HANA platform*

**Scope**
- Hydrocarbon supply chain scheduling solution optimized on SAP HANA
- Real-time stock projection for multiple locations and products with a state-of-the-art user experience
- Enhanced simulation functionalities for supply chain schedulers
- Nomination planning workbench with "mass update" and "mass create" functionalities
- Advanced reporting functionalities for supply chain schedulers

**Key Benefits**
- Improved simulation capabilities that help identify whether a simulation already exists as either a nomination or a simulation

**Availability**
- SP3

**More information**
- [Innovation Discovery](#)

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*Please note: some Oil and Gas scenarios are currently delivered for HANA only*
Oil and Gas
Detailed Overview EhP8 Innovations (2/2)

Innovation: Inventory Cockpit

Scope:
- Nomination number popup when an existing nomination number is entered
- Splitting nomination items
- Filter on nomination type level
- User Settings - Searching for a field for a column group
- Location, material, and transport system indicator in the navigation panel
- Adding columns to all sheets using the context menu option
- Manual refresh of inventory details in addition to the auto-refresh feature
- Maintain inventory target KPIs similar to Stock Projection Worksheet
- Create nominations with reference to an existing nomination and with an offset
- Editing end date physical inventory for the dates in the past
- Internal sharing of inventory details
- View summarized details for a planning location

Key Benefits:
Manage bulk shipments
Availability: SP2
More information: SAP Help Portal

Innovation: Upstream Operations Management 4 (Forecasting)

Scope:
- Set up and maintain new projects
- Assign and maintain roles to perform necessary actions
- Create and maintain various constraints (Potential, capacity, risk, opportunity, events)
- Preprocess scenarios and calculate productions forecast
- View production forecast results at scenario, network or network object levels
- Approve and publish forecasts
- Create custom hierarchy as part of the solution
- Upload production data from a local machine or serve onto the UOM application

Key Benefits:
- Enables forecasting
- Improves production performance
Availability: SP3
More information: SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (1/8)

Innovation: SAP Fiori App "Calculate Forecast"

Scope
Calculate forecast results for scenarios in forecast projects, view forecast results, and submit forecast projects for further approval. You can filter your authorized forecast projects by name and effective dates.

Key Benefits
Determine readiness (that is, Pre-Processing) for scenarios of forecast projects.
- Calculate forecast for scenarios.
- View forecast results for scenarios.
- Submit forecast results of projects for approval.

Availability
SP8

More information
Fiori Apps Library
SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (2/8)

Innovation: SAP Fiori App "Approve and Publish Forecast"

Scope
Approve or reject forecast results of forecast projects. You can filter your authorized forecast projects by name, effective dates, scenario status, forecast type, and forecast date.

Key Benefits
▪ View Forecast results of forecast projects and entering comments for scenarios and networks.
▪ Approve or reject forecast results of forecast projects with final comment.

Availability
SP8

More information
Fiori Apps Library
SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (3/8)

Innovation: SAP Fiori App “Gather Forecast Data”

Scope

- Maintain constraints (that is, potential, capacity, risk, opportunity and events) at network objects of scenarios of forecast projects
- Filter your authorized forecast projects by name and effective dates

Key Benefits

- View Forecast results of forecast projects and entering comments for scenarios and networks.
- Approve or reject forecast results of forecast projects with final comment.

Availability

- SP8

More information

- Fiori Apps Library
- SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (4/8)

Innovation: SAP Fiori App “Manage Forecast Access”

Scope
Manage access (that is, grant or revoke access) of users to different processes (that is, delegation, data gathering, viewing, and analysis of forecast results and forecast approval) of forecast for forecast projects
• Filter your authorized forecast projects by project name, forecast type, and frequency

Key Benefits
▪ Maintain User Groups in Forecast Projects.
▪ Assign Users to User Groups.
▪ Assign Sub-user Groups to User Groups.
▪ Maintain Object Groups in Forecast Projects.
▪ Assign Objects to Object groups.
▪ Assign Sub-object Groups to Object Groups.
▪ Assign Users and Sub-groups to special User Group ‘Forecast’.
▪ Assign Users and Sub-groups to special User Group ‘Forecast Stakeholders’.
▪ Maintain Access Rights for Data Gathering.
▪ Maintain Access Rights for Forecast Approval.

Availability
SP8

More information
Fiori Apps Library
SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (5/8)

Innovation: SAP Fiori App “Manage Forecast Projects”

Scope
- Maintain the structure of forecast projects and trigger the ‘Start Data Gathering’ process
- Filter your authorized forecast projects by name, forecast type, effective dates, and forecast date

Key Benefits
- Maintain forecast projects, their header details, mediums, conversion factors, equations, and hierarchy mappings.
- Copy forecast projects to new forecast projects.
- Maintain scenarios in forecast projects and their header details, conversion factors, and equations.
- Copy scenarios to new scenarios in forecast projects.
- Maintain networks in what-if scenarios and their header details, mediums, conversion factors, equations, and hierarchy mappings.
- View network objects and links of networks in what-if-scenarios.
- Start data gathering for forecast projects.

Availability
SP8

More information
Fiori Apps Library
SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (6/8)

Innovation: SAP Fiori App “Manage Hierarchy”

Scope
- Manage custom hierarchies (for example, geographical, organizational and so on) for Upstream Operations Management
- Filter your custom hierarchies by free search on name

Key Benefits
- Manage custom hierarchies (for example, geographical, organizational and so on).
- Manage nodes (for example, continents, countries, states, counties, cities and so on) in custom hierarchies (for example, geographical hierarchy) in parent-child relationships.

Availability
- SP8

More information
- Fiori Apps Library
- SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (7/8)

Innovation: SAP Fiori App “View Forecast Results”

Scope
- View forecast results of forecast projects
- Filter your authorized forecast projects by name, effective dates, and forecast date

Key Benefits
- View forecast results of forecast projects.
- View aggregated results at Scenarios and Production Networks.
- Enter comments for scenarios and networks.

Availability
SP8

More information
Fiori Apps Library
SAP Help Portal
Oil and Gas: Fiori Innovations
Detailed Overview EhP8 Innovations (8/8)

Innovation: SAP Fiori App “Upload Production Data”

Scope
- Upload production data (for example forecast project, forecast scenario, forecast constraints, forecast results) for Upstream Operations Management.
- Filter your batch job logs by run ID, run date, object type, and file processing status.

Key Benefits
- Upload files of different import object types (for example, forecast projects, forecast scenarios and so on) from presentation server to application server.
- Import files from application server to upload production data.
- Filter batch job logs by run ID, run date, object type, and file processing status.
- View job logs of files.

Availability
SP8

More information
Fiori Apps Library
SAP Help Portal
Public Sector
Public Sector
Detailed Overview EhP8 Innovations (1/5)

Innovation: Co-Liabilities

Scope
- Facilitate public sector organizations in collecting outstanding and overdue invoices from all involved debtors who are liable for the outstanding debts (co-liabilities wherein more than one person is liable for a debt)
- Accommodate for co-liabilities, which can be based on public laws such as those pertaining to co-ownership of properties or companies and can also pertain to warranties or other obligations such as child support
- Manage collection and disbursement (PSCD) of co-liabilities for financials for contract accounts (FICA) by distributing the original overdue main obligations to accounts belonging to the involved co-debtors to enable independent dunning and other collection activities for each involved account
- With every payment and throughout the whole process, consider write off of the original or distributed postings
- Avoid posting multiple revenue amounts into the general ledger

Key Benefits
- Integrated solution to maintain and process co-liability relations within PSCD
- Integration of co-liabilities in all relevant accounting processes (such as dunning and installment plans)
- Options for creation and maintenance to be done manually or through the API

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<td>SAP Help Portal</td>
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Innovation: Debt Management

Scope

- Rule-based grouping of debt: group public service collection and disbursement (PS-CD) line items together into “debt sets” using the business rules framework; manually regroup debt sets – which are the main debt objects that will be enforced (such as those linked to enforcement actions) – on an exceptional basis
- Rule-based derivation of collection strategy: dynamically derive a collection strategy based on rules configurations, which allow for improved transparency and flexibility, and model more dedicated strategies (such as those dedicated for bankruptcy cases across all contract account categories)
- Asset and income-based collection: model any asset, income, or continuous expenses of a debtor in order to evaluate the debtor’s situation and make decisions about how to proceed (as with properties, bank accounts, cars, income, and pensions) because assessing the asset and income situation of a debtor is crucial in deciding what action to take during the collection process
- Modeling of enforcement actions: model enforcement actions (legal instruments that enforce the repayment of outstanding debts) that follow a lifecycle and are actively managed by the debt collection agency – through different types, with different data, linkage to parties, assets, and debt sets, correspondence, actions and activities; manage enforcement actions that are often registered by official bodies such as courts (including property liens, bank collections, wage garnishments, property seizures, departure prohibition orders, tax refund garnishments, driver’s license suspensions, and arrest warrants

Key Benefits

- Lower TCO because the configuration of rules for debt set groups no longer requires event programming
- Higher collection yield through more focused and dedicated collection strategies providing the ability to improve management of the complete debt book and to improve champion-challenger strategies
- Lower TCO because the rule-based derivation of collection strategy no longer requires programming
- Higher collection yield through an automated change to a more tailored strategy in the case of a change in circumstances
Public Sector
Detailed Overview EhP8 Innovations (3/5)

Innovation: Continuous improvements to the SAP Tax and Revenue Management for Public Sector package

**Scope**
- Generate Web Dynpro forms, including any tables defined in customizing, using the program FMCA_GENERATE_WD_FORM_GUI in combination with a new template called FMCA_WD_FORM_TAB_TEMPLATE.
- Access an improved overview of the taxpayer through enhancements to the Taxpayer Overview transaction including new fields at the header level and Relationship tab, a new tab for account line items including "transfer line items" functionality, and access to a new tab for payment items.
- Configure the status profile at the Form Bundle Type level.
- Access support for a single view/phase form configuration through the display of previous values, the use of tool tips, and the addition of comments at the form-field level.

**Key Benefits**
- Generate WD Forms that include tables.
- Program FMCA_GENERATE_WD_FORM_GUI in combination with a new template called FMCA_WD_FORM_TAB_TEMPLATE to generate WD forms including any tables defined in customizing; as was the case before, the new template FMCA_WD_FORM_TAB_TEMPLATE must be copied into another new template (such as ZFMCA_MY_SCENARIO) for use when running the generation program FMCA_GENERATE_WD_FORM_GUI.
- Enhancements to the Taxpayer Overview transaction for a better overview of the taxpayer:
  - New fields at the header level and Relationship tab, a new tab for Account Line Items, including "transfer line items" functionality, and finally a new Payment Items tab.
  - Ability to configure Status Profile (new field inside the Form Bundle Type definition) at the Form Bundle Type level; otherwise, the status profile at the Form-Based process will be used.
- Support for a single view or phase configuration for form options through the display of previous values using tool tips and adding comments at the form field level.

**Availability**
SP1

**More information**
SAP Innovation Discovery
Innovation: New improvements to the SAP Tax and Revenue Management for Public Sector package

**Scope**
Table form integration with BRFplus (business rules framework), filter accounting, and document management system documents in snapshot intervals

**Key Benefits**
- Identify all documents created for a given snapshot interval within a tax return
- Visualize how changes to the table form data affect the overall amounts within the tax forms

**Availability** SP5

**More information** SAP Innovation Discovery

Innovation: Connecting Several CC Systems to a FI-CA System

**Scope**
If you have integrated SAP Convergent Charging with SAP Convergent Invoicing, distribute processing in SAP Convergent Charging to multiple systems (CC systems) and connect these in parallel to the system in which SAP Convergent Invoicing is running (FI-CA system).

**Key Benefits**
Communication control via rating areas

**Availability** SP1

**More information** SAP Help Portal
### Public Sector

**Detailed Overview EhP8 Innovations (5/5)**

#### Innovation: Enhancements for Customer Connect PSCD 2016 – Part 1

<table>
<thead>
<tr>
<th>Scope</th>
<th>Key Benefits</th>
</tr>
</thead>
</table>
| ▪ Add customer-specific duplicate search algorithms to the features of the contract partner duplicate check  
▪ Generic Object Service (GOS) for Contract Object | ▪ Refine the duplicate result determined by the SAP standard algorithm  
▪ Simplified navigation  
▪ New lock reasons for business transactions Data preparation |

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<thead>
<tr>
<th>Availability</th>
<th>More information</th>
</tr>
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<tbody>
<tr>
<td>SP4</td>
<td>SAP Help Portal</td>
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</tbody>
</table>
Retail
Retail: Merchandise Management
Detailed Overview EhP8 Innovations (1/6)

Innovation: Retail merchandise management – order grouping and integration with forecasting and replenishment

Scope
- Improve the retail order process in SAP software including the SAP Forecasting and Replenishment for Retail application and software developed with partner GK Software
- Provide order-proposal grouping functionalities based on configurable parameters
- Execute the process chain, from order-proposal generation, through grouping, work load calculation, and file transfer, to mobile devices in the store – triggered per store

Key Benefits
- Send a collected purchase order to vendors at a specified time
- Execute process steps per store (enabling parallelization)
- Provide a generic, inbound interface for order-proposal grouping in SAP Business Suite software

Availability
- SP1

More information
- SAP Innovation Discovery
- SAP Help Portal
### Innovation: Fiori App “Transfer Products”

#### Scope
- Store associates frequently need to send products to other stores or to distribution centers, for example, at the end of a season. They are responsible for transferring products that were not sold to distribution centers or to outlet stores, which involves:
  - Collecting and packing products that need to be transferred.
  - Creating and filling out the documents and labels for transfers.
  - Checking the statuses of the transfers.

#### Key Benefits
- Process transfers of products from one store to another store or from a store to a distribution center.
- Work with handling units, purchase orders, goods issues, and deliveries.
- All documents relevant for a transfer are created and filled automatically.
- Print labels for handling units with information about the products packed for transfer and the sending and receiving sites.
- Check the statuses of transfers.

#### Availability
- SP2

#### More information
- SAP Help Portal
- SAP Fiori Apps Library
Retail: Omnichannel Promotion Pricing and Reactive PO Monitor
Detailed Overview EhP8 Innovations (3/6)

Innovation: Omnichannel Promotion Pricing

**Scope**
- Calculate effective sales prices in all sales
- Enable consistent price and promotion information at all touch points, including POS, digital commerce, and SD sales order
- Enable SD sales order pricing support for typical discounts in retail, including bonus-buy and time-dependent offers

**Key Benefits**
- Obtain faster time to market for new, creative promotional rules designed by marketers across channels
- Save costs through low implementation and test efforts when introducing new offer types and bonus-buy rules
- Increase customer satisfaction and customer loyalty with consistent price and promotion information at all touch points, including SD sales order
- Increase revenue through increased customer satisfaction and improved customer loyalty

**Availability**
SP6

More information
SAP Help Portal

Innovation: Timeline Scheduling Reactive PO Monitor

**Scope:**
In this process, the system automatically checks in the background every day for deviations from the planned and monitored dates of the purchase orders, which are then transferred into the Reactive PO Monitor in case of determined anticipated delays

**Key Benefits:**
- Create worklist entries of the reactive PO monitor where datelines have expired without any action taken
- Create worklist entries in reactive PO monitor where datelines are in the future
- Reorganize worklist entries by deleting the entries for which you have set the Deletion checkbox or Delivery Completion Indicator checkbox

**Availability**
SP4

More information
SAP Help Portal
## Innovation: EAN Recycling

**Scope**
Recycle EANs or UPC that are no longer being used

**Key Benefits**
Reduce cost of EAN or UPC registration

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### More information
[SAP Help Portal]

### EAN Recycling:
- At times EAN numbers are generated but not saved for any article, those EANs are recycled
- Once an article is archived, then its EANs are recycled
- Once EAN are deleted from an article, these EANs are recycled
- EAN Recycling can be maintained at each EAN category level
Innovation: Site Master Improvements

**Scope**
- One-step process for distribution of site master data
- Maintain additional addresses and geo-data for sites

**Key Benefits**
- Fast and easy mass maintenance and assignment of sites to merchandise categories

**Availability**
- SP2

**More information**
- SAP Help Portal

Innovation: Purchase Order Datelines

**Scope**
Automatic scheduling with scheduling with transportation chains calculates the dates automatically, for example, from the handover date or ex-factory date to the delivery date, between the generation of the purchase order and the arrival of the goods in the distribution center.

**Key Benefits**
In addition to the availability of transportation chains for scheduling within the standard purchase order (ME21N), with this product feature you can perform the following:
- Communicate the scheduled dates of a transportation chain to external partners using Intermediate Documents (IDocs)
- Receive confirmations or corrections from external partners using IDoc
- Receive confirmations, corrections, or actual dates from external partners using Remote Function Call (RFC)
- Update dates which are not transferred using IDoc or RFC manually using a workbench
- Monitor standard purchase orders within the Reactive PO Monitor workbench

**Availability**
- SP2

**More information**
- SAP Help Portal
Retail
Detailed Overview EhP8 Innovations (6/6)

Innovation: Production Control Workbench

Scope:
• The production control workbench is a comprehensive planned and production order management tool, which enables you to process master orders created using the production control workbench as well as orders created in MRP. Master orders include both master planned order and master production order.
• The production control workbench offers a central place to create and maintain combined orders.

Key Benefits:
• Display the target quantity of the master planned and production orders
• Assign subcontracting information to the orders within a master planned order during mass processing
• Assign markers to combined orders, or to the master planned and production orders
• Assign subcontracting information to orders within a master production using the Operation Overview tab during mass processing
• Display component allocation status for combined and master production orders

Enhancements in Combined Orders

Scope:
• If you have products that you manufacture together in a similar way, you can combine master planned or production orders to facilitate common processing. Combining is especially useful if some operations are performed together, or the articles use the same batch of a critical component. You can combine master orders of the same generic article or different ones.

Key Benefits:
• Select master orders more flexibly
• View additional fields such as order type, vendor, routing, purchasing organization, season, and fashion fields
• Check availability of common components
• Convert planned orders to production orders
• Release of all production orders inside the master production orders
• Mass data change of planned or production order

Availability 
SP05

More information 
SAP Help Portal
Retail: Fashion Management
Detailed Overview EhP8 Innovations (1/3)

Innovation: Fashion management – customer feedback

Scope
Manufacturing and subcontracting fashion contracts:
• Comprehensive scenarios
• Purchase order generation: Workbench and engine
• Maintenance of fashion Bills of Materials (BOMs) at variant levels
• Available-to-promise overview for Stock Transport Orders (STOs)

Key Benefits
• Key solution enhancements based on customer feedback
• Fashion contracts – comprehensive scenarios including enablement of available-to-promise and cross applications
• Purchase-order generation workbench and engine to efficiently manage the link between Sales Orders (SO) and Purchase Orders (PO) during execution

Availability
SP7

More information
Innovation Discovery
SAP Help Portal

Innovation: Fashion management – enhanced fashion manufacturing

Scope
Enhanced manufacturing features with some wholesale round offs:
• Markers and bundles
• Production control workbench
• Feasibility analysis
• Partial rejection solution

Key Benefits
• Enhanced markers and bundles functionality
• Feasibility analysis for raw materials (critical raw materials)
• Efficient operational usage through production control workbench

Availability
SP5

More information
Innovation Discovery
Retail: Fashion Management
Detailed Overview EhP8 Innovations (2/3)

**Innovation: Fashion management – customer implementation feedback 2018**

<table>
<thead>
<tr>
<th><strong>Scope</strong></th>
<th><strong>Key Benefits</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Value-added services (VAS) in billing documents, along with manual VAS entries in sales orders and purchase orders</td>
<td>• Advanced optimization in supply demand, which matches the customer's view</td>
</tr>
<tr>
<td>• Standardization of different stock-protection methods in availability check processing</td>
<td>• Usability improvement in entering mass VAS data for generic articles</td>
</tr>
<tr>
<td>• Generic article creation during changes of purchase orders through the fashion API</td>
<td></td>
</tr>
<tr>
<td>• Allocation of account-assigned purchase requisitions in preview mode</td>
<td></td>
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</tbody>
</table>

**Availability**

| SP10 | Innovation Discovery Help Portal |

**Innovation: Fashion management – customer feedback 2018**

<table>
<thead>
<tr>
<th><strong>Scope</strong></th>
<th><strong>Key Benefits</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Enhancements to advanced returns management with the retail and fashion solution</td>
<td>• Key solution enhancements based on feedback from customers implementing the fashion management application and going live</td>
</tr>
<tr>
<td>• Segmentation in transaction code (t-code) MMBE</td>
<td>• ARun preview – PO and PR enabling customers to have near-real representations of demand-supply matches</td>
</tr>
<tr>
<td>• Bi-directional transfer between sales order (SO) and planned order (PO) for value-added services (VAS) and season and segmentation changes</td>
<td>• Season in PIR for statistical purposes; demand analysis based on the season</td>
</tr>
<tr>
<td>• Planned independent requirement (PIR) with seasons</td>
<td></td>
</tr>
<tr>
<td>• &quot;ARun&quot; preview with planned orders and purchase requisitions</td>
<td></td>
</tr>
<tr>
<td>• Partial-quantity rejection in fashion API</td>
<td></td>
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<tr>
<td>• PO workbench enhancements</td>
<td></td>
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</tbody>
</table>

**Availability**

| SP9 | Innovation Discovery SAP Help Portal |

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Retail: Fashion Management
Detailed Overview EhP8 Innovations (3/3)

Innovation: Fashion management – enhanced fashion manufacturing and wholesale

Scope
Enhanced manufacturing:
• Feasibility analysis
• Combined orders
• Markers and bundles

Enhanced wholesale:
• Distribution curves
• Transportation chains
• Distribution-curve indicators in purchase orders
• Usability improvements
• Completion of schedule-line rejection logic

Key Benefits
Enhanced features for fashion wholesale and fashion manufacturing

Availability
SP4

More information
Innovation
Discovery

Innovation: Fashion management – enhanced manufacturing and wholesale capabilities

Scope
Enhanced manufacturing processes and integration with other business suite solutions:
• Distribution curves
• Insight-to-action workbench for order allocation
• Production control workbench – for combined orders
• Markers and bundles
• Rejection concept
• Vendor consignment and cross docking
• Cut-off date and “delivery complete” indicator
• Multistore orders
• Feasibility analysis

Key Benefits
• Enhanced markers and bundles functionality
• Feasibility analysis for raw materials (critical raw materials)
• Efficient operational usage through production control workbench

Availability
SP5

More information
Innovation
Discovery

• Special stock like sales order stock or consignment stock can be displayed with segmentation and season details
• All variants of a generic article can be displayed with detailed information

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Utilities
Utilities
Detailed Overview EhP8 Innovations (1/6)

Innovation: Meter-data-management-related enhancements for SAP for Utilities solutions

**Scope**
- Technical prerequisites for enhancing IS-U device management from SAP by adding customized, specific attributes, such as corresponding database fields, to IS-U devices
- A simplified approach for the integration of master data between IS-U and an external meter data unification and synchronization (MDUS) system
- Optimization of formula calculations in the SAP Energy Data Management application
- New mass activity for high-volume execution of formula calculations in SAP Energy Data Management
- Quantity calculations based on meter-reading profiles in SAP Energy Data Management
- Master data template category for fast and simple creation and assignment of profiles and formula instances in SAP Energy Data Management
- Flexible profile version handling with the ability to copy profile values from an old profile version to the current version

**Key Benefits**
- Easier implementation of new smart metering requirements in customer projects, with the ability to avoid modifying standard code
- Reduced TCO of SAP Advanced Metering Infrastructure Integration for Utilities as a result of the drastic reduction in the number of interfaces required for integrating IS-U and an external MDUS system
- Support for quantity determination based on equidistant meter readings within SAP for Utilities, resulting in the following benefits: significant simplification of the overall architecture since both profile data and meter readings can now be stored in SAP Energy Data Management; improved operational support and deeper data-analysis functionalities as high volumes of smart metered data (captured in meter readings) can be converted into consumable data through the scalable calculation workbench in SAP Energy Data Management
- Simplified and reduced manual work and support for further automation through the creation and maintenance of master data in SAP Energy Data Management using the master data template
- Improved user productivity and increased user flexibility with the ability to use different profile versions for subsequent processes as a result of fast and simple copying of profile values from old versions to the current version

**Availability**
- SP1

More information
- Innovation Discovery
**Utilities**

**Detailed Overview EhP8 Innovations (2/6)**

**Innovation: Simplified Master Data Synchronization**

**Scope**
- Simplifies the master data synchronization by only synchronizing new or modified master data with external systems (such as MDUS)
- Replaces existing synchronization procedure, which is based on sending several enterprise services
- No need to configure and maintain individual services
- Automatic delta replication to external system

**Key Benefits**
- Simplified master data synchronization
- Significantly shorter runtime than existing procedure

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Utilities
Detailed Overview EhP8 Innovations (3/6)

Innovation: Continuous improvements to SAP for Utilities in meter reading for IS-U

**Scope**
- Manage the message “EL 401,” which was saved to the log in reference to the allocated meter reading document number during meter reading upload
- Send the reading of an advanced metering infrastructure (AMI) meter from IS-U to meter data unification and synchronization (MDUS) when a meter is manually disconnected and reconnected
- Keep the reversed meter reading documents for historical reference

**Key Benefits**
- Achieve automatic post-processing of cases with message EL 401
- Solve mismatched meter readings between the IS-U and the MDUS during manual disconnection and reconnection to secure the accuracy of the billing
- Access the history of meter reading documents after reversals

Innovation: Continuous improvements to SAP for Utilities - enhancements to technical objects for utilities

**Scope**
- Use of the deletion flag enabled for the "point of delivery" stage of the maintenance cycle

**Key Benefits**
- Completion of the maintenance cycle for the point of delivery in the SAP ERP application with the deletion flag

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**Availability**

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<tr>
<th>Innovation</th>
<th>More information</th>
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<td>SP6</td>
<td>Innovation Discovery</td>
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</table>

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Innovation: Continuous improvements to SAP for Utilities (IS-utilities) - improved billing and invoicing in the industry-specific solution for utilities

**Scope**

- For the billing of interval meters: Enable entries of specific times to begin or end billing cycles in case of move-in, move-out, or device replacement activities
- Provide a new parallelization object for "Mass Activity - Aggregated Posting" (ETRANSF)
- Flexible option for search profiles in Contract Account Receivable and Payable (FI-CA) for Invoices, Promises to pay, Inbound Correspondences, Correspondences and Collection History
- Enhanced screen to maintain budget billing plans within SAP Customer Relationship Management (SAP CRM) application

**Key Benefits**

- Reflect accurate start or end times in billing of interval meters – with respect to move-in, move-out, or device installment activities
- Easier control of the degree of parallelization for each service provider pair in "Mass Activity - Aggregated Posting" (ETRANSF)
- More flexibility to define individual time periods for the search of objects in Contract Account Receivable and Payable
- Easier access to budget billing items

Innovation: Continuous improvements to SAP for Utilities (IS-utilities) - enable the tax-exemption calculation process in the utilities industry for the United States

**Scope**

- Internal tax calculation in SAP solutions enabling definition and use of tax exemptions at the level of the contract account

**Key Benefits**

- Eliminated need for an external system for administration of tax exemptions

**Availability**

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**More Information**

- Innovation Discovery
## Utilities
Detail Overview EhP8 Innovations (5/6)

### Innovation: Operational improvements to the industry-specific solution for utilities (IS-utilities)

<table>
<thead>
<tr>
<th>Scope</th>
<th>Key Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ability to display a warning when transporting customized entries that are relevant for replication</td>
<td>Fewer errors resulting from inconsistent customizing entries in enterprise resource planning (ERP) and the SAP Customer Relationship Management (SAP CRM) application</td>
</tr>
</tbody>
</table>

**Availability** SP5  
**More information** [Innovation Discovery](#)

### Innovation: Reversal History of Deleted Meter Reading Documents

<table>
<thead>
<tr>
<th>Scope</th>
<th>Key Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep the reversed meter reading documents for historical reference</td>
<td>Access the history of meter reading documents after reversals</td>
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**Availability** SP6  
**More information** [SAP Help Portal](#)

### Innovation: Display Profile Value Data From Rate Data

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<tr>
<th>Scope</th>
<th>Key Benefits</th>
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<tbody>
<tr>
<td>New pushbutton Display Profile Values has been added which opens the transaction and transfers the data for the respective installation or device</td>
<td>Navigate directly from the rate data to the profile data display</td>
</tr>
</tbody>
</table>

**Availability** SP6  
**More information** [SAP Help Portal](#)
# Utilities

## Detailed Overview EhP8 Innovations (6/6)

### Innovation: Innovation: New Parallelization Object for ETRANSF

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<tr>
<th><strong>Scope</strong></th>
<th><strong>Key Benefits</strong></th>
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</thead>
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| ▪ Enables the distribution of larger service provider pairs into smaller intervals during mass processing  
▪ The system uses a combination of a random number and a hash algorithm for the distribution into these intervals | ▪ Enable a better load distribution during mass processing |

### Innovation: Enhanced Functionality for Multiple Item Weighing

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<th><strong>Scope</strong></th>
<th><strong>Key Benefits</strong></th>
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</table>
| ▪ Extended yard list with automatic limitation on the waste disposal facilities for which the weighing operator is responsible  
▪ Ability to search for and by waste disposal facility  
▪ Ability to weigh service materials with a weighing fee or fixed price  
▪ Complete copy of cancelled weighing transactions to include the alibi number of the weighing device | ▪ Individualized view of weighing transactions at the weigh bridge using the yard list  
▪ Increased flexibility in weighing and billing based on service materials  
▪ Greater transparency for weighing transactions that have been completely copied after cancellation, including copying of the alibi number |
Waste and Environmental Services
Waste and Environmental Services
Detailed Overview EhP8 Innovations (1/4)

Innovation: Waste and recycling - subcontracting with valuable and non-valuable materials and with materials that have index prices

Scope
- Distinction between valuable and non-valuable materials and materials with index prices
- New customizing functionalities to categorize materials
- Configuration options for the identification of materials with index prices
- New transaction to process deferred waste disposal orders with index prices

Key Benefits
- Multiple fields of application
- Increased flexibility

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Innovation: Enhanced operation log for waste and recycling

Scope
- Ability to select multiple waste disposal facilities
- Enhanced result list that distinguishes between internal and external facilities

Key Benefits
- Increased usability through optimized selection capabilities

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More information: Innovation Discovery
## Waste and Environmental Services

**Detailed Overview EhP8 Innovations (2/4)**

### Innovation: Waste and recycling: fill logic of field values for the waste disposal order cockpit (EWAWDOC)

#### Scope
- New distribution methods for the automatic filling of fields in the waste disposal order cockpit
- Weight distribution for header and item weighing, including automatic cancellation verification for weighing notes

#### Key Benefits
- Flexible usage that leads to a faster and more effective confirmation of waste disposal orders
- Positive impact on the weight distribution of header and item weighing notes
- Reduction in manual entries in the waste disposal order cockpit and subsequent avoidance of typing errors

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<tbody>
<tr>
<td>More information</td>
<td><a href="#">Innovation Discovery</a></td>
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</tbody>
</table>
Waste and Environmental Services
Detailed Overview EhP8 Innovations (3/4)

Innovation: Waste and Recycling – material splitting of inbound deliveries at multiple item weighing

Scope
- Material splitting on external deliveries (weighing on sales and distribution contracts)
- Material splitting on internal deliveries (weighing on waste disposal orders or waste disposal order items)

Key Benefits
- Splitting in order to divide the delivered mixed material and quantity into its individual materials and quantities that are relevant to storage and invoicing
- Calculation of the actual weight through deduction of nonstock materials, materials not relevant to invoicing, and quantities from the delivered main material
- Entry of the weight of the split materials by absolute or percentage values
- Weight to be fetched directly from the weighbridge – if weighbridge hardware is connected to the application

Availability
- SP7

More information
- Innovation Discovery
### Scope
Facilitate waste management companies in executing different services at their customer locations, according to agreed-upon service intervals:

- Accommodate "empty drives" when the service, such as container transport or container emptying, cannot be fulfilled onsite due to various reasons
- Provide functionality upon confirmation of a positive waste order that determines whether the "pure drive" to and from the customer’s service location has to be invoiced to the customer
- In the case of container movements, suppress the container movement in the system and the related assignment or reassignment to the service location as well

### Key Benefits
- Suppression of container movements upon positive confirmation of empty drives
- Setup of different invoice methods depending on the confirmation notes
- Invoicing of the pure drive to and from the customer’s service location in case the planned service could not be fulfilled onsite for various reasons

### Availability
SP8

### More information
[Innovation Discovery](#)
EhP8: Technical Prerequisites
Technical Update / Upgrade to SAP ERP 6.0 EhP8

Technical Prerequisites

- **Software Update Manager (SUM)** is the tool for the path to SAP ERP 6.0 EhP 8
- The actual available SUM version is listed on the landing page for the SL Toolset: [http://support.sap.com/sltoolset](http://support.sap.com/sltoolset) in the area Software Maintenance
- **The possible paths** are shown on the following slide
- **Unicode system** is required as source system
  (This applies to any target system based on SAP NetWeaver 7.50)
- **Path is a load-based procedure**, customer objects are blended into new system repository
- **Custom code check in advance** for correct object catalogue important, see SAP Note 2318321: „Differences in SUM for the rescue of Non-SAP objects between load and delta procedure”
Technical Prerequisites
SUM paths to reach SAP ERP 6.0 EhP 8

(*) Target EhP8: only for Unicode source system
Technical Prerequisites:
Welcome to the world of Unicode!

The path to SAP ERP 6.0 EhP 8 requires a Unicode source system
Non-Unicode source systems will require a two-step approach

- SUM creates a shadow system to reduce downtime processing
- Shadow system is based on target release kernel
- Shadow system has to be non-UC for non-UC source systems

not possible for target systems based on SAP NetWeaver 7.5

Based on SAP NetWeaver 7.5:
only Unicode (UC)
No non-UC kernel
SAP thereby bridges the gap between business needs on the one hand and technical information regarding innovations on the other. An innovation corresponds to one or several product features.

If your user has the required authorizations for the systems you are interested in and if your company authorizes SAP to use Early Watch Alert (EWA) data, system-specific information is available in addition to the generic information available to all SAP customers.

SAP Innovation Discovery
Self-service tool that simplifies your search for new functionality SAP has delivered (as Enhancement Packages, Support Packages, Add-Ons, or Improvement Notes).
Tools and Sources of Information: SAP Help Portal

- Logically grouped product pages
- Based on SAP HANA full-text search and offering suggestions and auto-completion
- Built on SAP Cloud Platform
Tools and Sources of Information: SAP Customer Connection

Welcome to the SAP Customer Connection Focus Topic for ERP PLM 2018.

This project collaboration space is reserved for the sub topic: Recipe Development and Quality Management (Audit, FMEA).

PlM Recipe Development is used to describe the material timing of products or the execution of a process. Recipes contain information about the products and components of a process, the process steps to be executed, and the resources required for the production.

SAP ERP offers comprehensive CRM capabilities to enable a closed-loop Quality Management approach. It tightly integrates CRM functions along the supply chain, including production, and product management. Our SAP ERP CRM functionality is aligned with ISO 9001:2015 standards concerning process improvement through collaboration, and sustained quality control.

As part of the SAP PLM 2018 Customer Connection project, we will focus on new improvement requests in both product areas, starting in 2018. The goal is to Audit and FMEA improvements.

The project will be offered on a regular basis, the scope will be defined each cycle.

Out of scope (as of 2018):
- GM (Supplier Audit) and FMEA
- downstream parts from LSIP, WIP

Improvement requests need a minimum of five votes of different customers to qualify for review. The decision of the reviewer will be communicated in the selection call.
Tools and Sources of Information: SAP Fiori Apps Reference Library

Welcome to the SAP Fiori apps reference library!

Explore, plan and implement SAP Fiori, the latest user experience from SAP including all relevant content for the SAP Fiori launchpad.

Watch this video and find out how to get the most out of SAP Fiori apps reference library.

Find out how you can take advantage of SAP Fiori with our SAP Fiori lighthouse scenarios designed to deliver immediate business benefit to SAP S/4HANA customers.

You can learn more about SAP Fiori at our website or see SAP Fiori in action with a free trial.

Read More about the SAP Fiori apps reference library.

Get SAP "Tool App Recommendations"
Tools and Sources of Information: SAP Improvement Finder

SAP Improvement Finder provides detailed information about improvements and roundups delivered within the framework of the SAP Customer Connection Program.
Tools and Sources of Information: SAP Innovation and Optimization Pathfinder for SAP ERP

SAP Innovation and Optimization Pathfinder for SAP ERP

SAP Innovation And Optimization Pathfinder | IT Edition

Sample Corp. | Main System: PRD
Automotive Industry

You are here: Executive Summary — Key Findings

Recommended Improvements and Innovations

Enhance your existing SAP ERP system

Cloud extensions

Digital core

Functional Enhancements

- Manufacturing
- Sourcing & Procurement
- Finance

Enhanced connections for:
- SAP Fiori for Customer
- SAP Analytics Cloud
- SAP Ariba for Procurement

Optimize IT and Accelerate Innovation

Top findings for Sample Corp.

- Areas with potential for IT improvement:
  - Database growth management
  - Emergency changes: Transport requests with short transition time
  - Users with elevated usage rights

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Tools and Sources of Information: ERP Community

SAP ERP Community

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Tools and Sources of Information: SAP Note 1524246

Pricing Note 1524246
Provides transparency on license implications when you are implementing an SAP enhancement package.
Tools and Sources of Information: SAP Note 2171334

2171334 - EHP8 for SAP ERP 6.0 SP Stacks - Release & Information Note

Version 59 from 10.04.2018 in English

Symptom

This Release Information Note (RIN) contains information and references to notes for applying support package (SP) Stacks of SAP enhancement package 8 for SAP ERP 6.0.

Note: This SAP note is subject to change. Listed below are points to keep in mind:

GENERAL INFORMATION

Read this note completely BEFORE applying SP Stacks of SAP Enhancement Package 8 of SAP ERP 6.0 and follow the instructions given below:

• Check this note for changes on a regular basis. All changes made after release of a Support Package (SP) Stack are documented in section “Changes made after Release of SP Stack <xx>”.
• You will find general information about SP stacks on SAP Support Portal at support.sap.com/software/patches/stacks.html. The Schedule for SP Stacks is available at support.sap.com/maintenance-schedule.
• In addition to the notes mentioned in this note, you should also take into account the list of side effects known for support packages, which is created especially for your situation (SP queue). You can request this list on SAP Service Marketplace at support.sap.com/notes.

SUM

• Before you start the upgrade, check SAP Service Marketplace for the latest available tool version. Only this version contains the latest corrections and is updated regularly. More information are provided at support.sap.com#toolset -> System Maintenance -> Software Update Manager (SUM)

• For maintenance of Java components the SUM tool is mandatory and replaces the Java Support Package Manager (JSPM). For more Information see SAP Note 1595511.

SPAM Update

• We strongly recommend that you apply the latest version of the Support Package Manager (SPAM) before you apply any other Support Packages.
Tools and Sources of Information: Software Update Manager (SUM)

Software Update Manager

The Software Update Manager (SUM) can be used for several scenarios or use cases. Use the carousel below to get an overview. Each scenario is described in detail in the respective section down below.

SUM is now offered in two versions. See section below for respective SUM scenarios, and this blog for details: SUM in the family way.

Software Update Manager 1.0 SP 22
- SAP Note 2479298 for SUM 1.0 SP 22
- Guides for SUM 1.0 SP 22
- SAP Note 2540427 for DMO with SUM 1.0 SP 22
- Guides for DMO with SUM 1.0 SP 22

Software Update Manager 2.0 SP 02
- SAP Note 2526057 for SUM 2.0 SP 02
- Guides for SUM 2.0 SP 02
- SAP Note 2533462 for DMO with SUM 2.0 SP 02
- Guides for DMO with SUM 2.0 SP 02
- SAP Note 25986276 for System Conversion with SUM 2.0 SP 02
- Guides for System Conversion with SUM 2.0 SP 02

Download SUM 1.0 and 2.0

SUM scenarios in a nutshell

Customer Transport Integration

The Customer Transport Integration (CTI) allows for integration of customer transports (custom development).
Amazing technology wonders such as IoT, machine learning, and blockchain are bombarding industry leaders, but too many are left wondering how on earth their company can use them to triumph over the competition.

Imagine if there was a self-service tool that instantly summarized in one report the specific products and services a company needed to take its business to the next level of innovation. Meet the SAP Transformation Navigator, designed to answer the number one question SAP customers have about which innovations they need to bring into their organization, in what order, during what timeframes, and the business value and outcomes they can expect.

“SAP Transformation Navigator gives customers clear guidance to chart digital innovation path”