

**SAP Enhancement Package 3 for SAP
SCM 7.0, Support Package 3
Release Notes**



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1 CA

Cross-Application Components

1.1 CA-EPT Applications

Processes and Tools for Enterprise

1.1.1

1.1.1.1

1.1.1.1.1 Product Information Management API (New)

Use

As of SAP Business Suite Foundation 7.47 (SAP_BS_FND 747, SP03), the application programming interface (API) for product information management (PIM) systems is available.

You use the PIM API to program SAP systems to access information from third-party PIM systems. This makes it possible for SAP applications to provide consistent, up-to-date information to channels such as Web shops, retail stores, and mobile applications. Examples of data that can be read from PIM systems include images, audio, video, and text.

Effects on Customizing

To use the PIM API, you need to define parameter values to control the general behavior of the PIM API. You do this in Define Parameter Values for PIM API.

See also

For more information, see SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp>. Choose *SAP ERP Central Component -> SAP ERP Enhancement Packages*. Choose a release and then *Application Help*. In SAP Library, choose *SAP Business Suite -> Processes and Tools for Enterprise Applications -> Product Information Management API*.

1.1.2 CA-EPT-SMI

Social Media Intelligence Foundation

1.1.2.1 FND_SOMI_CM: Consent Management

Use

As of SAP Business Suite Foundation 7.47 (SAP_BS_FND 747, SP03), Social Media Consent Management is available. The following features are available:

- Creating groupings based on social media channels and data provider
- Defining social consent management based on the country and grouping
- Making four types of consent type available

Effects on Customizing

Define Social Media Grouping

You can group the social media channel according to the legal terms and conditions on usage of the data from this channel within your organization. The group can be defined in this activity, for example, as Public, Private, Licensed, or Internal. This group information, together with the country, is used to configure consent management. The data within the same channel could be classified into any number of groups. For example, the data harvested from Facebook via public search using DataSift Connector could be classified as Licensed and the data harvested from the Facebook Corporate fan page could be classified as Public. In this case, the classification is based on the retrieval mode for social media data.

To define the social media grouping, you must configure the settings in Customizing under *Social Intelligence -> Basic Settings*.

Configuring Social Consent Management

You can configure the consent type for a social post. The consent is configured based on the social media group and the country. Different countries have different policies for data privacy. Consent configuration helps to manage the social data for a social media group and country according to the data privacy laws.

To configure social consent management, you must configure the settings in Customizing under *Social Intelligence -> Social Consent Management*.

Available Consent Types

This value indicates whether consent is required from a social media user. The consent type is always associated with a group and country. The grouping is based on social media channels.

The consent type can be any of the following:

- 0 - No Consent Required, Store Anonymously
Note: Storing anonymously means deleting the user information.
- 1 - Consent Required
Note: Consent required indicates explicit consent.
- 2 - Social Data Processor Decision
Note: Based on the post, the social data processor can make the decision if the post contains implicit consent.
- 3 - No Consent Required, Store Complete User Information

Extensibility

The following BAdIs are available:

- BAdI: Map Country Name to Country Code
- BAdI: Implicit Consent
- BAdI: Explicit Consent
- BAdI: Consent Based Action on Post

See also

SAP Library for SAP ERP under SAP Business Suite -> SAP ERP-> SAP EHP 6 for SAP ERP 6.0-> Application Help-> English-> Business Functions (SAP Enhancement Package 6 for SAP ERP 6.0-> Business Functions in SAP Business Suite Foundation-> General Business Functions for SAP Business Suite-> FND, Social Consent Management.

1.1.2.2 FND_SOMI_DS: DataSift - Social Data Harvest

Use

As of SAP Business Suite Foundation 7.47 (SAP_BS_FND 747) SP 02, the business function DataSift - Social Data Harvest (FND_SOMI_DS) is available. You can use the FND_SOMI_DS business function to enable social data harvesting from DataSift. The following features are available:

- Default entries for defining data provider
- Customizing of DataSift search queries

Effects on Customizing

Activating Default Entries

If the business function is switched on, you can navigate to the Customizing activity under **Social Intelligence -> Basic Settings** to view the default entries for the activity **Define Data Providers**. This contains the default entries for:

- DataSift as a data provider
- Facebook and Twitter as inactive social media channels
- Facebook and Twitter as channels not allowed for querying for social data harvesting.

Based on your agreement with DataSift to enable querying from any of these social media channels (Facebook, Twitter), the following settings should be activated under **Customizing under Social Intelligence-> Basic Settings**:

Navigate to the activity **Define Data Providers** and perform the following steps:

1. Execute the Customizing activity **Define Data Providers**.
2. Under the **Dialog Structure**, double-click **Social Media Channels**.
3. Double-click the selected social media channel, for example, Facebook.
4. For the selected social media channel, select the **Channel is Active** checkbox.
5. Under the **Dialog Structure**, double-click **Data Providers**.
6. Select the data provider DataSift.
7. Under the **Dialog Structure**, double-click **Permitted Channels for Data Provider**.
8. Select the **Allowed for Query** checkbox.

These Customizing settings are mandatory for the use of social data harvesting connectors for DataSift. For more information, see SAP Release Note **1885907** (Release Information Note: SAP SOMI DS CONT 1.0)

Configuring Search Terms

For harvesting social data from DataSift, you must configure the search settings in Customizing under **Social Intelligence -> DataSift Configuration -> Configuring Search Queries for Data Harvesting**.

1.1.2.3 FND_SOMI_DS: DataSift - Social Data Harvest

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4. For the selected social media channel, select the **Channel is Active** checkbox.
5. Under the **Dialog Structure**, double-click **Data Providers**.
6. Select the data provider DataSift.
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Configuring Search Terms

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1.1.3 CA-EPT-BCV

Business Context Viewer

1.1.3.1 /BCV/EASY_QUERY: Business Function FND, Business Context Viewer Easy Query

Use

As of *SAP Business Suite Foundation 7.31* (SAP_BS_FND 731), the business function FND, Business Context Viewer Easy Query (/BCV/EASY_QUERY) is available. With this business function, you can extend Business Context Viewer (BCV) in your system. BCV is a framework that allows all SAP Business Suite applications to integrate different kinds of additional information into the context of their applications. This information can then be analyzed according to your business needs. You can display the analytical information as charts, forms, pictures, and tables. You can also integrate Xcelsius dashboards into BCV.

This business function extends the functionality of BCV which has been provided by the business function FND, Business Context Viewer Main Application (/BCV/MAIN), released with SAP enhancement package 5 for SAP ERP.

The following features are now available in Business Context Viewer:

- Access of BI queries using SAP Easy Query

See also

For more information, see SAP Help Portal for ERP at <http://help.sap.com/erp/> -> *SAP ERP Central Component*-> *SAP Library (English)* -> *Processes and Tools for Enterprise Applications* -> *Business Context Viewer (BCV)*.

1.1.4 CA-EPT-POC

Process Orchestration for Built-In Processes

1.1.4.1 RELN_PROC_OBSVR_EHP07_SP01

Use

As of ERP 6.0 EhP7 SP01, the following features are available:

- Report and BAdI to create BOR and non-BOR events using scheduled report directly from database.
- Enhance Process Definition Viewer to view federated process definitions in SAP GUI and Web Dynpro.
- Side panel to visualize the monitored process instance alongside an SAP application.
- Enable change document to monitor field level changes in the documents such as Sales Order document, Purchase Order document.
- New authorization object and authorization check for process definition and federated process definition.
- Visualize a process definition using diagram in the Process Definition Viewer.
- Visualizing a process instance using diagram in the Process Monitor.

Effects on Customizing

For Customizing for this business function, see SAP Customizing Implementation Guide -> Cross-Application Components -> Processes and Tools for Enterprise Applications -> Process Observer.

See also

For more information about the release notes, see <http://service.sap.com/releasenotes>.

For more information about Process Observer documentation, see SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp>. Choose SAP ERP Central Component -> SAP ERP Enhancement Packages. Choose a release. In SAP Library, choose SAP Business Suite -> Processes and Tools for Enterprise Applications -> Process Observer.

1.2 CA-GTF

General Application Functions

1.2.1 CA-GTF-SP

Business Suite Sidepanel

1.2.1.1 ERP_CA_SIDE_PANEL: Side Panel for Business Suite (New)

Use

As of *SAP Business Suite Foundation 7.31* (SAP_BS_FND 731), business function *Side Panel for Business Suite* (ERP_CA_SIDE_PANEL), you can use the side panel for the Business Suite to display additional, context-sensitive information related to existing SAP GUI applications in a separate screen area.

You can use the Public Sector (PS) side panels for some transactions in the following areas:

- Financial Accounting (FI)
- Controlling (CO)
- SAP Credit Management
- SAP Collections Management
- SAP Dispute Management
- Logistics (LO)
- Public Sector

The *Side Panel Definitions for Public Sector* (SAP_BSSP_PS_SIDE_PANEL) technical role contains the side panel definitions for SAP-GUI transactions from PS including Fund Management (FM), Grantee Management (GTE), United States Federal Accounting, and Tax and Revenue Management (TRM). This role is available as of SP07.

There are side panels for the following applications:

- Master data
 - Fund
 - Commitment item
 - Fund center
 - Grant
 - Funded program
 - Budget period
 - Application of funds
 - Sponsor
 - Sponsored program

- Sponsored class
- Contract account
- Contract object
- Reporting links
 - Launchpad for Funds Management reporting
 - Launchpad for Grantee Management reporting
- Reporting in forms and charts
 - Funds Management availability control
 - Grantee Management availability control

In the role on the *Menu* tab page, you can display the transactions for which a side panel is available. To do this, choose *Role Menu*, and select the relevant areas under Public Sector. In some cases, a side panel is available for related transactions. You can display these transactions by choosing *Other Node Details > Application Alias*.

You can also add PS side panels to other transactions that contain the relevant PS account assignments like Side Panel Definitions for FI, CO, and FSCM (SAP_BSSP_FI_CO_FSCM), which already contains FI, CO, and SAP Financial Supply Chain Management (FSCM) side panels, and Side Panel Definitions for LO (SAP_BSSP_LO_SIDE_PANEL), which contains Logistics transactions.

Effects on Customizing

You can make the necessary Customizing settings in Customizing for *Cross-Application Components* under *Processes and Tools for Enterprise Applications > Side Panel for Business Suite*:

- Define Additional SAP GUI Tags
- BAoI: Tagging Service for Side Panel

See also

For more information, see Side Panel for Business Suite (New).

1.2.1.2 ERP_CA_SIDE_PANEL: Side Panel for Business Suite (Enhanced)

Use

As of *SAP Business Suite Foundation 7.47* (SAP_BS_FND 747), business function *Side Panel for Business Suite* (ERP_CA_SIDE_PANEL) has been enhanced with a side panel for end user feedback.

The purpose of this side panel is to allow end users to provide feedback on the usability of SAPGUI transactions and Web Dynpro applications. SAP collects the feedback sent for various applications, reviews the ratings and incoming suggestions, and decides whether it is necessary to implement improvements.

The *Side Panel Definitions for Feedback* (SAP_BSSP_FEEDBACK) technical role contains the side panel definitions for end user feedback.

On the *Menu* tab page, you can display the transactions for which the side panel is available by choosing *Role Menu -> Feedback*.

Users can rate an application once a day; additional comments can be submitted at any time using a comment field. The user feedback is sent to SAP anonymously. Neither SAP nor the user's employer are able to trace their feedback back to the user's ID.

Any improvements resulting from user input will be communicated via the *How SAP will use your feedback* link.

Effects on Existing Data

- No upgrade of the ERP system is required.
- SAP NetWeaver Business Client 3.5 (or higher) for desktop is required.

Effects on Data Transfer

The Feedback CHIP sends the following data to SAP:

- Ratings and feedback entered by the end user
- Transaction / Web Dynpro ID identifying the screen rated
- Product version (for example, EhP7 for ERP 6.0) and support package level
- Installation number

The user ID (or data from which the user ID could be retrieved) is not sent to SAP.

The Feedback CHIP transfers the feedback to SAP using a secure protocol (https).

Effects on Customizing

- The Feedback side panel does not require any tagging information.
- For more information about the configuration of the technical role for Feedback, see SAP Library under *SAP Business Suite -> SAP Business Suite - Cross Application Business Functions -> Business Functions (SAP Business Suite Foundation 7.47) -> Business Functions in SAP Business Suite Foundation -> Business Functions in SAP Business Suite -> Side Panel for Business Suite -> Side Panel Definitions for Feedback*.

1.2.2 CA-GTF-DOB

Document Builder

1.2.2.1 /IPRO/FND_DOCB_CC: Business Function, FND, Content Controls (New)

Use

As of *SAP Business Foundation 7.47* (SAP_BS_FND 747), the business function, **FND, Content Controls** (/IPRO/FND_DOCB_CC) is available. You can use the system overlay when creating standard and custom elements. Document-specific formatting are defined in a document-specific overlay. We recommend including all styles in the system overlay. You use content controls in overlays and elements to map simple variables and table variables.

Effects on Existing Data

- You installed BS_FND 747 and activated /IPRO/DOCUMENT_BUILDER_ADDIN.
- You installed the SAP Data Panel.
- You configured the settings in Customizing for SAP Document Builder under *Document Builder Content Management --> Regulation Sets and Elements --> Standard Elements --> Define Elements* for element definition and variable assignment.

See also

For more information, see SAP Document Builder on the SAP Help Portal at <http://help.sap.com> -> *SAP Business Suite -> Additional Applications -> SAP Document Builder*.

2 SCM

Supply Chain Management

2.1 SCM-APO Optimization

Advanced Planning and

2.1.1 SCM_APO_ON_ERP: Business Function SCM-APO, SAP APO on SAP ERP (New)

Use

Previously, Advanced Planning and Optimization was only available in SAP SCM Server. As of SAP enhancement package 3 for SAP Advanced Planning and Optimization (SAP APO) 7.0 on SAP enhancement package 6/7 for SAP ERP 6.0, Advanced Planning and Optimization is also available as an add-on on SAP ERP.

In an add-on deployment of SAP APO, you use the business function *SCM-APO*, *SAP APO on SAP ERP* (SCM_APO_ON_ERP) to make the following SAP APO objects visible in the SAP ERP system:

- SAP Easy Access menu for SAP APO on SAP ERP
- Customizing for SAP APO on SAP ERP
- Add-on-specific information in the system documentation

The business function is only relevant for the add-on deployment. In the SAP SCM server deployment the business function is visible, but not executable.

Overview of SAP APO on SAP ERP

Scope of Functionality

An SAP SCM Server installation provides the complete scope of APO components and functions. In an add-on installation on SAP ERP, the following APO components and functions are available:

- Demand Planning (DP)
- Supply Network Planning (SNP)
- Production Planning and Detailed Scheduling (PP/DS)
- Global Available-to-Promise (GATP)

Constraints for SAP APO Add-On

The following **application components** and **functions** are **not** supported in an add-on deployment:

- Service Parts Planning (SPP)

- Maintenance and Service Planning (MSP)
- Applications that use Integrated Product and Process Engineering (iPPE), including the following:
 - Model Mix Planning (MMP)
 - Rapid Planning Matrix (RPM)
 - Planned Order Management (POM)
 - Action Handler
- Functions for processes with direct integration of SAP APO and SAP SNC:
 - Connecting planning areas to SAP SNC
 - Product determination
- Planning with packaging specification data
- Planning with classification data (characteristics-dependent planning, variant configuration) and planning with batch data
- Service-oriented architecture (SOA) services that are specific to SAP-APO
- Global Available-to-Promise (GATP) integration with CRM

The following APO applications and functions are available with adaptations:

- **Production campaigns**
The production campaigns *BAPIs Deletes Production Campaigns* (BAPI_PCM_DELETE_MULTIPLE) and *Create and Change Several Production Campaigns* (BAPI_PCM_SAVE_MULTIPLE) are only relevant for SAP SCM Server. In SAP APO on SAP ERP, you use the BAPIs *Deletes Production Campaigns* (BAPI_PCM_DELETE_MULTIPLE_APO) and *Create and Change Several Production Campaigns* (BAPI_PCM_SAVE_MULTIPLE_APO).
- **Transportation Planning and Vehicle Scheduling (TP/VS)**
If you activate this business function, the Customizing activity *Define Number Range for Shipments* is automatically replaced with a corresponding Customizing activity that is specific to the SAP APO add-on.

The following add-on cannot be run simultaneously with SAP APO on SAP ERP:

- **SAP Workforce Management**

For more information, see SAP Note 1879566.

Post-Installation Step

After the installation of the add-on, you **must** activate BC set /SAPAPO/APO_ON_ERP, as it provides the basic SAP APO system setup. You must activate the BC set in the same client in which you have installed SAP APO on SAP ERP.

2.1.2 SCM_APO_EPP: Side Panel in APO (New)

Use

As of SAP enhancement package 3 for SAP Advanced Planning and Optimization (SAP APO) 7.0, you can display a side panel beside the main screen of SAP APO applications when using Netweaver Business Client 4.0 for Desktop. Side panels show additional information related to the content that appears on the main screen of the application. You can display the side panel without having to open a separate session.

Depending on the context, you can use the side panel in APO to display the following information:

- Product master data
- PP/DS KPI data
- Stock overview data in chart format
- Forecast consumption data in chart format
- Stock projection data in chart format

The system uses content blocks to display the information listed above. You can configure which content blocks you want to appear on the side panel. In the case of master data fields, you can also select the fields you want to be displayed in the content block.

Effects on System Administration

To use the side panel in SAP APO, the role SAP_SNP_APO_SP_1 must be assigned to your user.

See also

SAP Help Portal at <http://help.sap.com/scm703>, under *Application Help (English)* -> *SAP Supply Chain Management (SAP SCM)*-> *Advanced Planning and Optimization (SAP APO)* -> *Cross-Application Topics* -> *Side Panel in APO*.

2.1.3 SCM_APO_USABILITY: Business Function SCM-APO, Usability Enhancements (New)

Use

As of SAP enhancement package 3 for SAP Advanced Planning and Optimization (SAP APO) 7.0 the business function *SCM-APO, Usability Enhancements* (SCM_APO_USABILITY) is available. With this business function, several usability enhancements are available. Major

improvements include the redesign of the Customer Forecast Management application.

See also

For more information, see SAP Help Portal at <http://help.sap.com/scm703>, under *Application Help (English) -> SAP Supply Chain Management (SAP SCM) -> SAP Advanced Planning and Optimization (SAP APO) -> Business Functions (SAP Enhancement Package 3 for SAP APO 7.0)*.

2.1.4 SCM-APO-EPP

Enhanced Product Planning

2.1.4.1 SCM_APO_EPP: Bus. Func. SCM-APO-EPP, Enh. Product Planning (New)

Use

As of SAP enhancement package 3 for SAP Advanced Planning and Optimization (SAP APO) 7.0, the business function *SCM-APO-EPP, Enhanced Product Planning* (SCM_APO_EPP) is available.

With this business function, you can activate the following functions:

- **Enhanced Product Planning (EPP):**
EPP is a web application for interactive production planning. Compared to the SAP GUI application product view that has been available for interactive production planning, EPP offers enhanced flexibility in the selection of location products, creation and management of orders, tracking of alerts, and detailed location-product-specific views.
You run EPP in the SAP NetWeaver Business Client 4.0 for Desktop.
In an SAP APO add-on deployment, EPP is only available as of SAP enhancement package 7 for SAP ERP 6.0.
- **Side Panel:**
You can display the side panel in any application of SAP APO. For more information, see SCM_APO_EPP: Side Panel in APO (New).

Enhanced product planning offers the following features:

Selection

When searching for location products, the selection criteria can be saved for future searches and modified as and when required. You can also display your existing selections that you created in Interactive Supply Network Planning (SNP).

You can load and navigate between multiple location products on a hit list. The hit list offers personalized display of object-specific key performance indicators (KPIs).

Order Processing

EPP offers the following actions in the processing of orders:

- You can view the order list as well as details of a selected order on the same screen.
- You can create, modify, or delete orders manually for a selected location product.
- You can define characteristic values for the location product, firm or unfirm multiple orders, convert SNP orders to Production Planning and Detailed Scheduling (PP/DS) orders, or change the unit of measure.

Planning Version Management

You can switch between different simulation versions while working with a selection.

Display and Editing of Orders in SAP ERP

You can navigate directly from an SAP APO order to its corresponding order in SAP ERP. Using this function, you can perform planning activities that are not possible in SAP APO.

User Settings and Views

Users can customize their own settings by including preferred profiles and element view display settings.

Alerts

EPP displays alerts for selected location products. It also offers easy navigation between alerts, detailed alert information, and the corresponding orders.

Pegging Information

A grouped view displays the correlation between receipts and requirements. For example, it displays all requirements pegged to each receipt. This view also separately lists the unpegged and partially pegged elements that are available for pegging.

Notes

EPP offers the creation and assignment of notes to orders and location products.

Effects on System Administration

To be able to use EPP, a user must be assigned the role `SAP_SCM_APO_PP_PLANNER_2`. To be able to call orders in SAP ERP, a user additionally needs the role `SAP_SCM_CROSS_SYSTEM_NAV`.

See also

SAP Library for SAP Supply Chain Management (SAP SCM) on SAP Help Portal at <http://help.sap.com/scm703>. In SAP Library, choose *Advanced Planning and Optimization (SAP APO) -> Business Functions (SAP Enhancement Package 3 for SAP APO 7.0) -> SCM-APO-EPP, Enhanced Product Planning*.

2.1.5 SCM-APO-ATP

Global Available-to-Promise

2.1.5.1 SCM-APO-ATP-BOP

Backorder Processing

2.1.5.1.1 SCM_APO_ATP_3: BF SCM-APO-ATP, Enh. for Interactive BOP (New)

Use

As of SAP enhancement package 3 for *SAP Advanced Planning and Optimization (SAP APO) 7.0*, the business function *SCM-APO-ATP, Enhancements for Interactive Backorder Processing (SCM_APO_ATP_3)* is available. The business function provides the following enhancements:

- Various enhancements for enhanced interactive backorder processing (eBOPI)
- Log for interactive backorder processing

If you want to run these applications in SAP NetWeaver Business Client (SAP NWBC), you must use one of the following SAP NWBC versions:

- SAP NWBC 4.0 for Desktop
- SAP NWBC 4.0 for HTML

Enhancements for eBOPI

The following enhancements are available:

- Display original order documents in SAP ERP
You can display or change the original order document in the SAP ERP system for an item in the item list or a receipt/requirement element in the product availability overview. This function is only available if you run eBOPI in the SAP NWBC.
- Fix and unfix confirmations
You can process sales order items with fixed confirmations as follows:
 - You can select items base on whether or not they contain fixed confirmations.
 - In the item list, you can fix or unfix confirmations.
Note that this feature is not available for items of stock transport requisitions and stock transport orders.
- Cancel multiple confirmations
In the item list, you can use a new function to cancel the confirmations of multiple selected items. Up to now, you could only delete the confirmations for one selected item at a time.
- Sort and filter lists
You can sort and filter lists according to icons., for example, in the following columns:
 - Status and trend columns in the item list
 - Alert columns in the product availability overview

- ATP check
 - The ATP check options available in SAP enhancement package 2 for SAP APO 7.0 used the ATP parameters that are stored in the item. It was not possible to use different ATP parameters interactively in eBOPI. As of SAP enhancement package 3, the custom ATP check is available in eBOPI. The custom ATP check enables you to determine different ATP parameters interactively. For example, you can enter a different business event or check mode if you want the custom ATP check to use different check instructions. After the update of the original document in ERP, the ATP parameters used by the custom ATP check are stored in the item.
 - You can display the check instructions and the check control that the system uses for a particular combination of business event and check mode.
- Product availability overview
 - You can add sales order items and stock transport order items that are only included in the product availability overview to the item list.
 - The cumulated ATP quantity can now also be calculated against the cumulated requirement quantity, provided you have set up the ATP group accordingly. Up to now, only the calculation against the cumulated confirmed quantity was available.
 - You can simulate the impact of a different scope of check on the availability situation by entering a different business event in the product availability overview.
- Lock information

In the item list, by clicking on the icon in the *Status* column, you get detailed lock information, including the APO application that is locking the item or the user who has called this APO application.

Depending on the context, the following additional information is available for the item:

 - BOP results

If the item has been changed and saved but not yet updated in ERP, the changes (BOP results) are displayed.
 - Temporary quantity assignments (TQAs) created by the application that is locking the item (for example, sales order processing in ERP)
 - Unconverted ATP tree structures that were created by a multilevel ATP check

This information is also available on the *Item Status* tab page.

To display temporary quantity assignments and ATP tree structures, the system calls the transactions *Temporary Quantity Assignments* (/SAPAPO/AC06) and *ATP Tree Structures* (/SAPAPO/ATREE_DSP). These transactions are SAP GUI transactions and can therefore only be called if you run eBOPI in the SAP NWBC.

Log for Interactive Backorder Processing

The new log records the changes that users perform in the following applications for interactive backorder processing:

- Interactive backorder processing on the SAP GUI (transaction *Interactive BOP*, /SAPAPO/BOPIN)
- Enhanced interactive backorder processing

A log entry is created if the user saves his or her changes or updates the original order

documents in SAP ERP (eBOPI only). To clear the log, use the report *Delete Backorder Processing* (/SAPAPO/BOP_DELETE).

The log is a web application based on Web Dynpro. In the SAP NWBC, you can call the log in the role menu. In the *SAP Easy Access* menu, you call the log by choosing *Advanced Planning and Optimization -> Global ATP -> Backorder Processing -> Interactive Backorder Processing -> Log for Interactive Backorder Processing*.

Effects on System Administration

To be able to use the new functions for interactive backorder processing, a user must be assigned the role *ATP Controller (as of SAP APO 7.0 EHP 3)* (SAP_APO_ATP_CO_3).

Effects on Customizing

For the log for interactive backorder processing, the Business Add-In (BAI) *Selection for Log for Interactive Backorder Processing* (/SAPAPO/BOPI_LOG_SELECTION) is available. You can use the BAI to modify the selection of the log entries or filter them. You can call the BAI in Customizing for *Global Available-to-Promise (Global ATP)* under *Enhancements -> Backorder Processing -> BAI: Selection for Log for Interactive Backorder Processing*.

See also

SAP Library for SAP Supply Chain Management (SAP SCM) under *Advanced Planning and Optimization (SAP APO) -> Business Functions (SAP Enhancement Package 3 for SAP APO 7.0) -> SCM-APO-ATP, Enhancements for Interactive Backorder Processing*.

2.2 SCM-BAS

SCM Basis

2.2.1 SCM_EWM_BP_IDMAP: Business Function EWM, Business Partner ID Mapping (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the business function *EWM, Business Partner ID Mapping* (SCM_EWM_BP_IDMAP) is available.

You can use business partner ID mapping to enable SAP EWM to work with customers and vendors that share the same ERP number. These customers and vendors can be from the same ERP system or from different systems.

Effects on Existing Data

The ship-to, ship-from, and owner fields display the new unique business partner ID generated by business partner ID mapping throughout SAP EWM.

Note: The activation of this business function affects not only EWM but all other SCM components that use the same SCM Basis system.

Effects on Customizing

The following new activities are available in Customizing for SCM Basis:

- *Master Data -> Business Partner -> Business Partner ID Mapping -> Define General Settings*
- *Master Data -> Business Partner -> Business Partner ID Mapping -> Map Differentiator*

You can use these activities to set up business partner ID mapping.

2.2.2 SCM_EWM_USAB_IMPL_1: Advanced Returns Management (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0 you can fully integrate SAP ERP advanced returns management with EWM warehouse storage processes to manage returns stock items on storage bin level. The inspection of returns items is fully supported by the existing EWM Quality Management (QM) component. This integration improves the efficiency and transparency of the returns process.

This feature enables you to carry out the following tasks:

- Manage returns items in the warehouse where the external inspection took place before goods receipt. You can also keep the reference to this kind of inspection to support follow-on document processing.
- Perform advanced returns management -relevant inspection in the warehouse
- Transfer the responsibility for the execution of a complex logistical follow-up action back to an ERP system
- Execute a logistical follow-up action by calling the corresponding external application remotely
- Configure a special RFC destination to call the external application
- Control the logistical follow-up action using a new authorization object (/SCWM/QFU)

To use this feature, you must activate the following business functions:

- *EWM, Returns in the Distribution Network* (SCM_EWM_REV_LOG)
- *Advanced Returns Management 2* (OPS_ADVRETURNS_2)

Effects on Existing Data

Delivery

The following functions have been enhanced with three new values in the existing field *Act. Q. Insp.*:

- *Extended Warehouse Management -> Delivery Processing -> Inbound Delivery -> Maintain Inbound Delivery Notification*
- *Extended Warehouse Management -> Delivery Processing -> Inbound Delivery -> Maintain Inbound Delivery*

You can use the new values in returns processes which are relevant to advanced returns management.

Quality Inspection

The following functions have been enhanced to support the remote call to the advanced returns management inspection:

- *Extended Warehouse Management -> Execution -> Quality Inspection and Count*
- *Extended Warehouse Management -> Work Scheduling -> Inspection Document -> Process Product Inspection*

To use this enhancement you need an active implementation of the Business Add-In (BAI) *Maintain and Execute Follow-Up Action Externally*. You can copy the implementation of the available example class.

Effects on Customizing

The following new activity is available in Customizing for Extended Warehouse Management:

- *Cross-Process Settings -> Quality Management -> Basics -> Assign RFC Destinations to Logical Systems*

You can use this activity to set up a special RFC destination to call the external application if your business needs require it for security reasons.

The following enhanced activity is available in Customizing for Extended Warehouse Management:

- *Cross-Process Settings -> Quality Management -> Basics -> Warehouse-Dependent Activation of Inspection Object Type*

This activity has been enhanced with a new field, *Catalog (ext.)*. You can use this field to define the external catalog for the inspection results (decision and logistical follow-up) sent to the external system.

The following new Business Add-Ins (BAIs) are available in Customizing for Extended Warehouse Management:

- *Business Add-Ins (BAIs) for Extended Warehouse Management -> Cross-Process Settings -> Quality Management -> Follow-Up Actions -> Determine Pre-Defined Follow-Up Code*
- *Business Add-Ins (BAIs) for Extended Warehouse Management -> Cross-Process Settings -> Quality Management -> Follow-Up Actions -> Maintain and Execute Follow-Up Action Externally*

2.2.3 SCM_EWM_USAB_IMPL_1: Cartonization Planning (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0, you can use cartonization planning to improve the creation of shipping handling units (HUs) based on information from product master data and outbound delivery orders, such as quantities, volume, and weight. Cartonization planning results in the creation of planned shipping handling units (PSHUs) that you can use as templates for creating shipping HUs during picking or packing.

A PSHU is an object similar to a shipping HU, describing a packaging material and the items it contains. In contrast to a shipping HU, a PSHU does not physically exist in the warehouse and is only used to plan shipping HUs. You can create PSHUs manually or automatically in cartonization planning.

Automatic cartonization planning uses algorithms to create PSHUs. Algorithms are defined as implementations of the Business-Add In *BAdI: Cartonization Planning Algorithm*. The default implementation aims at minimizing the number of handling units (HUs). The default algorithm uses a heuristic approach. It is no optimization.

You can start automatic cartonization planning for the following:

- Outbound delivery orders
- Waves
- Warehouse tasks during warehouse order creation

Effects on Existing Data

The following new transactions are available for cartonization planning on the *SAP Easy Access* screen under *Extended Warehouse Management -> Work Scheduling -> Cartonization Planning*:

- Cartonization Planning for Outbound Delivery Orders
- Cartonization Planning for Waves
- Maintain Planned Shipping Handling Units
- Delete Planned Shipping Handling Units

A new transaction is available on the *SAP Easy Access* screen under *Extended Warehouse Management -> Settings -> Determine Algorithm Profiles for Cartonization Planning*.

The following transactions and reports have been enhanced:

- *Warehouse Management Monitor* on the *SAP Easy Access* screen under *Extended Warehouse Management -> Monitoring -> Warehouse Management Monitor*. The standard warehouse management monitor *SAP* has been enhanced with the *Planned Shipping Handling Unit* node. To open the new node in the *SAP* standard monitor, choose *Outbound -> Documents -> Planned Shipping Handling Unit*.

- *Maintain Outbound Delivery Order* on the *SAP Easy Access* screen under *Extended Warehouse Management -> Delivery Processing -> Maintain Outbound Delivery Order*
The transaction has been enhanced in the list view on item level with the *Process Profile for Cartonization Planning* field.
- *Maintain Outbound Delivery* on the *SAP Easy Access* screen under *Extended Warehouse Management -> Delivery Processing -> Maintain Outbound Delivery*
The transaction has been enhanced in the list view on item level with the *Process Profile for Cartonization Planning* field.
- The report */SCWM/R_WAVE_PLAN_BACKGROUND* has been enhanced with the *Delete Planned Shipping HUs* field.

Effects on System Administration

To log cartonization planning, you can use the object *WME_LOG* and subobject *CAP*.

Effects on Customizing

Cartonization planning uses the following new Customizing data:

- Algorithm profiles for cartonization planning: Used to determine the way the system creates PSHUs
- Process profiles for cartonization planning: Used to determine when in the outbound process PSHUs are created and used for the creation of shipping HUs

The following activities are available for cartonization planning in Customizing for *Extended Warehouse Management* under *Goods Issue Process -> Cartonization Planning*:

- Define Number Ranges for Identification of PSHUs
- Configure Cartonization Planning on Warehouse Number Level
- Define Algorithm Profiles for Cartonization Planning
- Define Access Sequence of Algorithm Profiles
- Define Process Profiles for Cartonization Planning
- Determine Process Profiles for Cartonization Planning

The following Business Add-Ins (BAIs) are available for cartonization planning in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAIs) for Extended Warehouse Management -> Goods Issue Process -> Cartonization Planning*:

- BAI: Determination of CAP Process Profiles
- BAI: Pre- and Postprocessing of CAP Algorithms
- BAI: Cartonization Planning Algorithm

A new BAI is available in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAIs) for Extended Warehouse Management -> Master Data -> Work Center -> Adjust User Interface for Work Center -> BAI: Destination HUs and Packaging Materials from*

PSHUs.

The following activities in Customizing for *Extended Warehouse Management* under *Cross-Process Settings -> Warehouse Order* have been enhanced with the CAP Compatibility field:

- Define Creation Rule for Warehouse Orders
- Overview of Creation Rules for Warehouse Orders

2.2.4 SCM_EWM_USAB_IMPL_1: Business Function EWM, Usability and Implementation 1 (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the business function *EWM, Usability and Implementation 1* (SCM_EWM_USAB_IMPL_1) is available.

For more information, see the following release notes:

- SCM_EWM_USAB_IMPL_1: Tool-Based ERP Integration (New)
- SCM_EWM_USAB_IMPL_1: Migration from LE-WM (New)
- SCM_EWM_USAB_IMPL_1: Advanced Returns Management (New)
- SCM_EWM_USAB_IMPL_1: Cartonization Planning (New)
- SCM_EWM_USAB_IMPL_1: MFS for Case Conveyor Systems (New)
- SCM_EWM_USAB_IMPL_1: Collective Handling Units (New)
- SCM_EWM_USAB_IMPL_1: Enhanced Warehouse Order Printout (New)
- SCM_EWM_USAB_IMPL_1: SAP Crystal Reports in Warehouse Management Monitor (New)
- SCM_EWM_USAB_IMPL_1: Easy Warehouse Management Monitor Maintenance (New)
- SCM_EWM_USAB_IMPL_1: Replenishment of Entire Handling Units (New)
- SCM_EWM_USAB_IMPL_1: Demo Data in Warehouse Cockpit and Monitor (New)
- SCM_EWM_USAB_IMPL_1: Creation of Outbound Deliveries from the Packing Work Center (New)

Effects on Existing Data

Note: The activation of this business function affects not only EWM but all other SCM components that use the same SCM Basis system.

2.2.5 SCM-BAS-MD

Master Data

2.2.5.1 SCM_EWM_MEAN: Business Function EWM, Additional GTINs (EANs/UPCs) for Product (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the business function *EWM, Additional GTINs (EANs/UPCs) for Product* is available.

You can use this business function to maintain and use additional Global Trade Item Numbers (GTINs) (including International Article Numbers (EANs) and Universal Product Codes (UPCs)) for a unit of measure of a product in SAP Extended Warehouse Management (EWM). You can use additional GTINs, for example, to identify the same unit of measure of the same product by different vendors.

If additional GTINs exists in SAP EWM, you can use them to identify products in the functions where the entry of a GTIN is possible, for example, in product validation using radio-frequency (RF).

If you want to download additional GTINs from SAP ERP using Core Interface (CIF) by means of initial transfer or change transfer of material master data, you must activate the business function *SCM, CIF Transfer of Additional GTINs (EANs/UPCs) for Material* (LOG_SCM_MEAN_INT). This business function is available as of SAP enhancement package 6 for SAP ERP 6.0.

Caution

Additional GTINs from SAP ERP overwrite additional GTINs that you have maintained in SAP EWM.

Effects on Existing Data

The transaction for maintaining product master data and the transaction for maintaining warehouse product master data have been enhanced in the following way:

- To enable you to maintain additional GTINs, both transactions have been enhanced with the tab page *Additional GTINs/EANs*.
To maintain product master data, on the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Master Data -> Product -> Maintain Product* (or transaction /SAPAPO/MAT1).
To maintain warehouse product master data, on the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Master Data -> Product -> Maintain Warehouse Product* (or transaction /SCWM/MAT1).

- To display whether additional GTINs exist in SAP EWM, the *Units of Meas.* (Units of Measures) tab page in both transactions has been enhanced with the field *Additional GTINs/EANs exist*.

Note: The activation of this business function affects not only EWM but all other SCM components that use the same SCM Basis system.

2.3 SCM-EWM

Extended Warehouse Management

2.3.1 SCM_EWM_BP_IDMAP: Business Function EWM, Business Partner ID Mapping (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the business function *EWM, Business Partner ID Mapping* (SCM_EWM_BP_IDMAP) is available.

You can use business partner ID mapping to enable SAP EWM to work with customers and vendors that share the same ERP number. These customers and vendors can be from the same ERP system or from different systems.

Effects on Existing Data

The ship-to, ship-from, and owner fields display the new unique business partner ID generated by business partner ID mapping throughout SAP EWM.

Note: The activation of this business function affects not only EWM but all other SCM components that use the same SCM Basis system.

Effects on Customizing

The following new activities are available in Customizing for SCM Basis:

- *Master Data -> Business Partner -> Business Partner ID Mapping -> Define General Settings*
- *Master Data -> Business Partner -> Business Partner ID Mapping -> Map Differentiator*

You can use these activities to set up business partner ID mapping.

2.3.2 Updated Roles in SAP Extended Warehouse Management

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management 7.0, the following role is new: /SCWM/EXPERT_2, *Warehouse Expert for EhP 2*.

For more information, see the documentation of this role in the SAP Library.

2.3.3 SCM_EWM_USAB_IMPL_1: Advanced Returns Management (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0 you can fully integrate SAP ERP advanced returns management with EWM warehouse storage processes to manage returns stock items on storage bin level. The inspection of returns items is fully supported by the existing EWM Quality Management (QM) component. This integration improves the efficiency and transparency of the returns process.

This feature enables you to carry out the following tasks:

- Manage returns items in the warehouse where the external inspection took place before goods receipt. You can also keep the reference to this kind of inspection to support follow-on document processing.
- Perform advanced returns management -relevant inspection in the warehouse
- Transfer the responsibility for the execution of a complex logistical follow-up action back to an ERP system
- Execute a logistical follow-up action by calling the corresponding external application remotely
- Configure a special RFC destination to call the external application
- Control the logistical follow-up action using a new authorization object (/SCWM/QFU)

To use this feature, you must activate the following business functions:

- *EWM, Returns in the Distribution Network* (SCM_EWM_REV_LOG)
- *Advanced Returns Management 2* (OPS_ADVRETURNS_2)

Effects on Existing Data

Delivery

The following functions have been enhanced with three new values in the existing field *Act. Q. Insp.*:

- *Extended Warehouse Management -> Delivery Processing -> Inbound Delivery -> Maintain Inbound Delivery Notification*
- *Extended Warehouse Management -> Delivery Processing -> Inbound Delivery -> Maintain Inbound Delivery*

You can use the new values in returns processes which are relevant to advanced returns management.

Quality Inspection

The following functions have been enhanced to support the remote call to the advanced returns management inspection:

- *Extended Warehouse Management -> Execution -> Quality Inspection and Count*
- *Extended Warehouse Management -> Work Scheduling -> Inspection Document -> Process Product Inspection*

To use this enhancement you need an active implementation of the Business Add-In (BAi) *Maintain and Execute Follow-Up Action Externally*. You can copy the implementation of the available example class.

Effects on Customizing

The following new activity is available in Customizing for Extended Warehouse Management:

- *Cross-Process Settings -> Quality Management -> Basics -> Assign RFC Destinations to Logical Systems*

You can use this activity to set up a special RFC destination to call the external application if your business needs require it for security reasons.

The following enhanced activity is available in Customizing for Extended Warehouse Management:

- *Cross-Process Settings -> Quality Management -> Basics -> Warehouse-Dependent Activation of Inspection Object Type*

This activity has been enhanced with a new field, *Catalog (ext.)*. You can use this field to define the external catalog for the inspection results (decision and logistical follow-up) sent to the external system.

The following new Business Add-Ins (BAiIs) are available in Customizing for Extended Warehouse Management:

- *Business Add-Ins (BAiIs) for Extended Warehouse Management -> Cross-Process Settings -> Quality Management -> Follow-Up Actions -> Determine Pre-Defined Follow-Up Code*

- *Business Add-Ins (BAdIs) for Extended Warehouse Management -> Cross-Process Settings -> Quality Management -> Follow-Up Actions -> Maintain and Execute Follow-Up Action Externally*

2.3.4 SCM_EWM_USAB_IMPL_1: Cartonization Planning (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0, you can use cartonization planning to improve the creation of shipping handling units (HUs) based on information from product master data and outbound delivery orders, such as quantities, volume, and weight. Cartonization planning results in the creation of planned shipping handling units (PSHUs) that you can use as templates for creating shipping HUs during picking or packing.

A PSHU is an object similar to a shipping HU, describing a packaging material and the items it contains. In contrast to a shipping HU, a PSHU does not physically exist in the warehouse and is only used to plan shipping HUs. You can create PSHUs manually or automatically in cartonization planning.

Automatic cartonization planning uses algorithms to create PSHUs. Algorithms are defined as implementations of the Business-Add In *BAdI: Cartonization Planning Algorithm*. The default implementation aims at minimizing the number of handling units (HUs). The default algorithm uses a heuristic approach. It is no optimization.

You can start automatic cartonization planning for the following:

- Outbound delivery orders
- Waves
- Warehouse tasks during warehouse order creation

Effects on Existing Data

The following new transactions are available for cartonization planning on the *SAP Easy Access* screen under *Extended Warehouse Management -> Work Scheduling -> Cartonization Planning*:

- Cartonization Planning for Outbound Delivery Orders
- Cartonization Planning for Waves
- Maintain Planned Shipping Handling Units
- Delete Planned Shipping Handling Units

A new transaction is available on the *SAP Easy Access* screen under *Extended Warehouse Management -> Settings -> Determine Algorithm Profiles for Cartonization Planning*.

The following transactions and reports have been enhanced:

- *Warehouse Management Monitor* on the *SAP Easy Access* screen under *Extended Warehouse Management -> Monitoring -> Warehouse Management Monitor*.
The standard warehouse management monitor *SAP* has been enhanced with the *Planned Shipping Handling Unit* node. To open the new node in the *SAP* standard monitor, choose *Outbound -> Documents -> Planned Shipping Handling Unit*.
- *Maintain Outbound Delivery Order* on the *SAP Easy Access* screen under *Extended Warehouse Management -> Delivery Processing -> Maintain Outbound Delivery Order*.
The transaction has been enhanced in the list view on item level with the *Process Profile for Cartonization Planning* field.
- *Maintain Outbound Delivery* on the *SAP Easy Access* screen under *Extended Warehouse Management -> Delivery Processing -> Maintain Outbound Delivery*.
The transaction has been enhanced in the list view on item level with the *Process Profile for Cartonization Planning* field.
- The report */SCWM/R_WAVE_PLAN_BACKGROUND* has been enhanced with the *Delete Planned Shipping HUs* field.

Effects on System Administration

To log cartonization planning, you can use the object *WME_LOG* and subobject *CAP*.

Effects on Customizing

Cartonization planning uses the following new Customizing data:

- Algorithm profiles for cartonization planning: Used to determine the way the system creates PSHUs
- Process profiles for cartonization planning: Used to determine when in the outbound process PSHUs are created and used for the creation of shipping HUs

The following activities are available for cartonization planning in Customizing for *Extended Warehouse Management* under *Goods Issue Process -> Cartonization Planning*:

- Define Number Ranges for Identification of PSHUs
- Configure Cartonization Planning on Warehouse Number Level
- Define Algorithm Profiles for Cartonization Planning
- Define Access Sequence of Algorithm Profiles
- Define Process Profiles for Cartonization Planning
- Determine Process Profiles for Cartonization Planning

The following Business Add-Ins (BAIs) are available for cartonization planning in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAIs) for Extended Warehouse Management -> Goods Issue Process -> Cartonization Planning*:

- BAI: Determination of CAP Process Profiles

- BAdI: Pre- and Postprocessing of CAP Algorithms
- BAdI: Cartonization Planning Algorithm

A new BAdI is available in Customizing for *Extended Warehouse Management* under *Business Add-Ins (BAdIs) for Extended Warehouse Management -> Master Data -> Work Center -> Adjust User Interface for Work Center -> BAdI: Destination HUs and Packaging Materials from PSHUs*.

The following activities in Customizing for *Extended Warehouse Management* under *Cross-Process Settings -> Warehouse Order* have been enhanced with the CAP Compatibility field:

- Define Creation Rule for Warehouse Orders
- Overview of Creation Rules for Warehouse Orders

2.3.5 SCM_EWM_USAB_IMPL_1: Collective Handling Units (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0, you can create a warehouse task to move handling units (HUs) with unknown content to a work center by grouping them under a collective HU. A collective HU exists only in the system. This allows you to move the HUs with unknown content in the system to the work center.

You know the inbound delivery details of the HUs with unknown content, but not what product items are packed into each HU. All the items are technically packed into the collective HU in the system, while the HUs with unknown content remain empty in the system. Each of the HUs with unknown content has the same HU reference number as the collective HU. The product item content of the HUs with unknown content is identified at the first work center, where the HUs are deconsolidated or unpacked. From that point on, the HUs can be treated as usual.

You can post goods receipt (GR) for the complete delivery or for the collective HU. The HUs with unknown content are posted at the same time.

Label printing for HUs has been enhanced so that labels for HU with unknown content show the collective HU reference number too. The warehouse tasks for the HUs with unknown content can be confirmed in the system in the usual way.

Collective HUs and HUs with unknown content have a new HU header indicator.

Effects on Existing Data

On the following screens, the *Pack* button has been enhanced with the menu option *Create HUs with Unknown Content* for creating HUs with unknown content with relation to inbound deliveries before GR:

- Goods Receipt
On the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Delivery Processing -> Inbound Delivery -> Physical Goods Receipt*

- GR Preparation: External Procurement
On the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Delivery Processing -> Inbound Delivery -> GR Preparation - External Procurement*

The *Create HU* tab in the work center packing screen has been enhanced with a new *Collective HU* field for creating the collective HU and HUs with unknown content before GR.

A new screen has been created for maintaining the packaging material of a collective HU. On the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Settings -> Specify Packaging Materials for Collective HUs*.

Effects on Customizing

To use a collective HU, you must maintain the process type for HUs with unknown content in Customizing for Extended Warehouse Management under *Master Data -> Define Warehouse Number Control*. See Define Warehouse Number Control.

You can also make the settings to automatically determine the packaging material for the collective HU in Customizing for Extended Warehouse Management under *Business Add-Ins for Extended Warehouse Management -> Goods Receipt Process -> BAdI: Packaging Material for Collective HUs*. See BAdI: Packaging Material for Collective HUs.

2.3.6 SCM_EWM_USAB_IMPL_1: SAP Crystal Reports in Warehouse Management Monitor (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, you can display data in seven demo SAP Crystal Reports in the warehouse management monitor (WM monitor). The SAP Crystal Reports are available in a separate monitor, CR_EX, in WM monitor.

These SAP Crystal Reports can be used to display charts and analytics functions for demonstration purposes.

The reports can be exported and modified using SAP Crystal Reports and re-imported and saved as an ALV grid layout. You must purchase a license for SAP Crystal Reports to do this.

The demo SAP Crystal Reports are as follows:

- Inbound Delivery Item
- Outbound Delivery Item
- Loading Workload per Route

- Warehouse Task
- Physical Inventory Documents
- Stock Overview
- Labor Utilization Date and Processor

Effects on System Administration

You must install the SAP Crystal Reports viewer before you can display the demo SAP Crystal Reports.

2.3.7 SCM_EWM_USAB_IMPL_1: Demo Data in Warehouse Cockpit and Monitor (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, you can display predefined demo data in the warehouse management monitor (WM monitor) and the warehouse cockpit. The WM monitor is a central tool for keeping warehouse managers constantly up-to-date as to the current situation in the warehouse, and also contains alert monitoring capabilities. The warehouse cockpit is a tool for displaying warehouse key figures and defined Easy Graphics Framework objects graphically, and evaluating or monitoring them using defined chart types. You can now export existing warehouse data from one system and import it into another system as demo data in a few steps. This allows you to set up a demo quickly and easily.

Effects on Existing Data

This enhancement does not affect the productive usage of EWM. You cannot use the demo feature in a system with the client role P - Productive.

The following modes are now available when you open the WM monitor or the warehouse cockpit:

- Display Demo Data Set
- Maintain Demo Data Set

The following new buttons are available in the Maintain demo data set mode:

- Export Cockpit Demo Data
- Import Cockpit Demo Data

- Administer Demo Data

2.3.8 SCM_EWM_USAB_IMPL_1: Enhanced Warehouse Order Printout (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the warehouse order printout has been enhanced with packaging material information. This enhanced printout is available for SAP Smart Forms and PDF-Based Forms.

2.3.9 SCM_EWM_USAB_IMPL_1: Tool-Based ERP Integration (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, you can use the following implementation tools for the integration of SAP EWM with SAP ERP:

- Implementation Tool for System Connection
You can use this tool to create the following settings:
 - General settings for the system landscape and the qRFC communication
 - Settings for master data integration
 - Settings for application integration
- Implementation Tool for Warehouse Integration
You can use this tool to create the following settings:
 - Your warehouse number
 - The settings for ERP integration of your warehouse number
 - The standard EWM warehouse with preconfigured processes

Effects on Customizing

The implementation tools are available in Customizing for *Extended Warehouse Management* under *Interfaces -> ERP Integration -> Tool-Based ERP Integration*.

2.3.10 SCM_EWM_USAB_IMPL_1: Business Function EWM, Usability and Implementation 1 (New)**Use**

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the business function *EWM, Usability and Implementation 1* (SCM_EWM_USAB_IMPL_1) is available.

For more information, see the following release notes:

- SCM_EWM_USAB_IMPL_1: Tool-Based ERP Integration (New)
- SCM_EWM_USAB_IMPL_1: Migration from LE-WM (New)
- SCM_EWM_USAB_IMPL_1: Advanced Returns Management (New)
- SCM_EWM_USAB_IMPL_1: Cartonization Planning (New)
- SCM_EWM_USAB_IMPL_1: MFS for Case Conveyor Systems (New)
- SCM_EWM_USAB_IMPL_1: Collective Handling Units (New)
- SCM_EWM_USAB_IMPL_1: Enhanced Warehouse Order Printout (New)
- SCM_EWM_USAB_IMPL_1: SAP Crystal Reports in Warehouse Management Monitor (New)
- SCM_EWM_USAB_IMPL_1: Easy Warehouse Management Monitor Maintenance (New)
- SCM_EWM_USAB_IMPL_1: Replenishment of Entire Handling Units (New)
- SCM_EWM_USAB_IMPL_1: Demo Data in Warehouse Cockpit and Monitor (New)
- SCM_EWM_USAB_IMPL_1: Creation of Outbound Deliveries from the Packing Work Center (New)

Effects on Existing Data

Note: The activation of this business function affects not only EWM but all other SCM components that use the same SCM Basis system.

2.3.11 SCM_EWM_USAB_IMPL_1: MFS for Case Conveyor Systems (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0 you can use the SAP EWM material flow system (MFS) for fast moving case conveyor systems. You can also connect automatic racks to the case conveyor system.

To use this feature, you must activate the business function *EWM, Usability and Implementation 1* (SCM_EWM_USAB_IMPL_1).

Effects on Customizing

The following new activities are available in Customizing for Extended Warehouse Management under *Material Flow System (MFS) -> Routing for Case Conveyor Systems*:

- *Define Logical Destination for EWM*
- *Define Logical Destination for PLC*
- *Define Routing for Case Conveyor System*
You can use this activity to define the logical destination for a programmable logic controller (PLC) to which a handling unit (HU) should be moved.

The following enhanced activities are available in Customizing for Extended Warehouse Management:

- *Material Flow System (MFS) -> Telegram Processing -> Define MFS Actions*
This activity has been enhanced with the field *Asynchronous Action Function Module*.
- *Material Flow System (MFS) -> Master Data -> Define Programmable Logic Controller (PLC)*
This activity has been enhanced with the field *PLC Mode*.
- *Material Flow System (MFS) -> Master Data -> Define MFS Queue*
This activity has been enhanced with a new domain value for the field *Operation Environment*.
- *Cross-Process Settings -> Exception Handling -> Define Exception Codes*
This activity has been enhanced with a business context.

The following new Business Add-Ins (BADIs) are available in Customizing for Extended

Warehouse Management under *Business Add-Ins (BAdIs) for Extended Warehouse Management*
-> *Material Flow System (MFS)* -> *Case Conveyor System BAdIs*:

- *BAdI: Destination Determination*
You can use this BAdI to specify a warehouse task and determine a storage bin which is used as destination storage bin for the specified warehouse task.
- *BAdI: Route Decision Determination*
You can use this BAdI to implement your own logic to determine the activity area to which direction the HU has to be moved to.
- *BAdI: Destination Redetermination*
You can use this BAdI to determine the destination data for the HU-WT which is to be changed.
- *BAdI: HU Check*
You can use this BAdI to check if the HU is ready for putaway.
- *BAdI: Warehouse Task Check*
You can use this BAdI to check the WT for the HU and decide whether they should be confirmed or cancelled, and to create a follow-up WT for putaway for the HU.

2.3.12 SCM_EWM_USAB_IMPL_1: Migration from LE-WM (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the feature Migration from LE-WM is available. You can use this feature to migrate the following data from an ERP LE-WM system:

- Warehouse-specific product data
- Storage bin data
- Stock data

Effects on Existing Data

The following new transactions are available on the *SAP Easy Access* screen for Extended Warehouse Management under *Interfaces -> Migration from LE-WM*:

- *Warehouse Product Migration*
- *Storage Bin Migration*
- *Stock Migration*
- *Physical Inventory Completeness Migration*
- *Map Storage Unit Type to Packaging Material*
- *Map Alternative UoM to Packaging Material*

Effects on Customizing

The following new activities are available in Customizing for Extended Warehouse Management under *Interfaces -> Migration from LE-WM*:

- *Map LE-WM Storage Type to EWM Storage Type*
In this Customizing activity, you define the mapping of LE-WM storage types to EWM storage types.
- *Assign Storage Type to Storage Bin*
In this Customizing activity, you define whether a storage type value should be assigned to a storage bin value during migration.
- *Assign RFC Destinations to Logical Systems*
In this Customizing activity, you assign RFC destinations to logical systems.

The following new Business Add-Ins (BAdIs) are available in Customizing for Extended Warehouse Management under *Business Add-Ins (BAdIs) for Extended Warehouse Management -> Interfaces -> Migration from LE-WM*:

- *BAdI: Change Storage Bin Information During Download*
You can use this BAdI to change the storage bin information and the storage bin sortation that is read from LE-WM.
- *BAdI: Change Stock Information During Download*
You can use this BAdI to change the stock information that is read from LE-WM.
- *BAdI: Change Product Data During Download*
You can use this BAdI to change the EWM-specific product information that is read from LE-WM. The product information is specific either on the warehouse number level or on the storage type level.
- *BAdI: Read Migration Data from ERP*
You can use this BAdI to read data that is migrated from LE-WM.

2.3.13 SCM_EWM_USAB_IMPL_1: Creation of Outbound Deliveries from the Packing Work Center (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0, you can create outbound delivery orders (ODs) for handling units (HUs) from the packing work center without having to start the transaction for outbound deliveries.

Effects on Existing Data

The packing work center has been enhanced with the *Create OD* button.

2.3.14 SCM_EWM_USAB_IMPL_1: Replenishment of Entire Handling Units (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (EWM) 7.0, it is possible to replenish entire handling units (HUs) regardless of the exact replenishment quantity requested.

Effects on Customizing

The following enhanced activities are available in Customizing for EWM:

- *Extended Warehouse Management -> Master Data -> Define Storage Type*
This activity has been enhanced with the field *Check Tolerance Replenishment Quantity During WT Creation* and a new domain value for the field *Round Warehouse Task Quantity to Whole Units*.
- *Extended Warehouse Management -> Cross-Process Settings -> Warehouse Task -> Define Warehouse Process Type*
This activity has been enhanced with a new domain value for the field *Round Warehouse Task Quantity to Whole Units*.

2.3.15 SCM_EWM_USAB_IMPL_1: Easy Warehouse Management Monitor Configuration (New)

Use

The warehouse management monitor (WM monitor) is a central tool for keeping warehouse managers constantly up-to-date as to the current situation in the warehouse, and also contains alert monitoring capabilities. It offers a wide variety of nodes answering different questions. Currently, SAP delivers one tree definition for the WM monitor. It contains all available monitor nodes developed by SAP.

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, you can use a configuration tool to customize the warehouse management monitor for your

business-specific needs in a more user friendly way.

The tool allows you to do the following:

- Display existing monitor trees, and use them as a basis for new tree definitions
- Create new monitor trees by dragging and dropping category and object nodes of existing trees
- Save the new tree definition in the Customizing tables, including transport connection, of the WM monitor

You can now easily create new monitor tree definitions, for example, for certain user groups.

Effects on Customizing

You must create the new monitor trees in the Customizing for *Extended Warehouse Management* under *Monitoring -> Warehouse Management Monitor -> Customize Monitor Tree*.

2.3.16 SCM-EWM-MD

Master Data

2.3.16.1 SCM_EWM_MEAN: Business Function EWM, Additional GTINs (EANs/UPCs) for Product (New)

Use

As of SAP enhancement package 2 for SAP Extended Warehouse Management (SAP EWM) 7.0, the business function *EWM, Additional GTINs (EANs/UPCs) for Product* is available.

You can use this business function to maintain and use additional Global Trade Item Numbers (GTINs) (including International Article Numbers (EANs) and Universal Product Codes (UPCs)) for a unit of measure of a product in SAP Extended Warehouse Management (EWM). You can use additional GTINs, for example, to identify the same unit of measure of the same product by different vendors.

If additional GTINs exists in SAP EWM, you can use them to identify products in the functions where the entry of a GTIN is possible, for example, in product validation using radio-frequency (RF).

If you want to download additional GTINs from SAP ERP using Core Interface (CIF) by means of initial transfer or change transfer of material master data, you must activate the business function *SCM, CIF Transfer of Additional GTINs (EANs/UPCs) for Material* (LOG_SCM_MEAN_INT). This business function is available as of SAP enhancement package 6 for SAP ERP 6.0.

Caution

Additional GTINs from SAP ERP overwrite additional GTINs that you have maintained in SAP EWM.

Effects on Existing Data

The transaction for maintaining product master data and the transaction for maintaining warehouse product master data have been enhanced in the following way:

- To enable you to maintain additional GTINs, both transactions have been enhanced with the tab page *Additional GTINs/EANs*.
To maintain product master data, on the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Master Data -> Product -> Maintain Product* (or transaction /SAPAPO/MAT1).
To maintain warehouse product master data, on the *SAP Easy Access* screen, choose *Extended Warehouse Management -> Master Data -> Product -> Maintain Warehouse Product* (or transaction /SCWM/MAT1).
- To display whether additional GTINs exist in SAP EWM, the *Units of Meas.* (Units of Measures) tab page in both transactions has been enhanced with the field *Additional GTINs/EANs exist*.

Note: The activation of this business function affects not only EWM but all other SCM components that use the same SCM Basis system.

2.4 SCM-EM

Event Management

2.4.1 SCM_EM_HIGHVOL: Archiving Improvements (New)

Use

As of *SAP enhancement package 1 for SAP Event Management 7.0*, business function *EM, Archiving and Web Interface Improvements* (SCM_EM_HIGHVOL), you can use a combined archiving concept for event handlers and event messages that supports processes with extremely high data volumes. Event handler sets are not supported. In detail, this archiving concept comprises the following:

- New archiving objects for event handlers and event messages:
 - SAPTRX_EH Event Handler in Event Management
 - SAPTRX_EVM Event Messages in Event Management

- Display of archived data on the Web user interface, for example, on the list screen or on the detail screen
Event handler hierarchies are archived together with the event handlers and can be displayed. The display of event messages from superior event handlers in the hierarchy is not possible.
- Display of already archived events although the corresponding event handler is not archived.

Definition of Archiving Profiles and Archiving Sequences

In archiving you can define an archiving profile and an archiving sequence. This affects the way how data is retrieved from the database as well as the display of archived data on the Web user interface, for example. After you have saved the archiving sequence, you cannot change it anymore because this could lead to data inconsistencies.

If you want to display already archived event handler and event message data, you have to create an archiving profile for the related Web user interface and to assign it to a user profile.

For more information, see Customizing for SAP Event Management under *Event Management* -> *Archive and Delete SAP Event Management Objects* -> *Define Archiving Profile for Querying Archive Files* or *Define Archiving Sequence for SAP Event Management Objects*.

Definition of User Profiles

You can assign the archiving profile to a user profile, for example, to display already archived event handler and event message data.

For more information, see Customizing for SAP Event Management under *Event Management* -> *Event Messages, Status Queries, and Web Interface* -> *Web Interface* -> *Define User Profiles*.

Definition of Residence Times

The residence times can be defined via the already existing Customizing transaction Define Residence Times for Archiving and Deleting. Here the new *Event Handler: Update Date* residence time check for event handler archiving is available. That means every new event message processing for an inactive event handler is retriggering the residence time. The event handlers are only archived if the residence time is passed.

Effects on Customizing

Access of Archived Data

- If you want to access archived data from the Web user interface or the SAP Event Management interfaces, you must have done the following in Customizing for SAP Event Management:
 - Set up appropriate archive information structures for the new archiving objects with the Archive Retrieval Configurator (transaction SARJ).
 - Define Archiving Profiles for Querying and Displaying Archive Files.

- Define User Profiles and assign the archiving profile to the user profile that is linked to the Web interface transaction, on which you want to display archived data. Additionally, you can define an archiving sequence for SAP Event Management objects. For more information, see Customizing for SAP Event Management under *Event Management -> Archive and Delete SAP Event Management Objects*.

Use of New Archiving Concept

- If you want to use the new archiving concept, you can use the following enhancements in Customizing for SAP Event Management:
 - Enhancements for Event Handler Archiving
For more information, see Customizing for SAP Event Management under *Event Management -> Business Add-Ins for SAP Event Management -> Enhancements for Event Handler Archiving*.
 - Enhancements for Event Message Archiving
For more information, see Customizing for SAP Event Management under *Event Management -> Business Add-Ins for SAP Event Management -> Enhancements for Event Message Archiving*.

See also

For more information, see SAP Help Portal at *SAP Business Suite -> SAP Supply Chain Management -> SAP Event Management -> Data Archiving*.

2.4.2 SCM_EM_HIGHVOL: Performance Optimizations (New)

Use

As of *SAP enhancement package 1 for SAP Event Management 7.0*, business function *EM, Archiving and Web Interface Improvements* (SCM_EM_HIGHVOL), you can use performance improvements, which supports processes with extremely high data volumes, which are tailored to specific applications, for example, item tracking of finished goods.

Usage of the Related New Archiving Concept

For more information, see *SCM_EM_HIGHVOL: Archiving Improvements (New)*.

Various concepts are introduced, which help to reduce the required space for data storage as well as to optimize the data access during a query.

Suppress Creation of Query IDs

If it is unnecessary in a scenario, you can suppress the creation of a default query ID. Customer defined query IDs cannot be suppressed.

Suppress Storing of Irrelevant Entries in Table /SAPTRX/EH_EVMSG

If an event message is evaluated as irrelevant during rule processing by using rule activity *QUIT_EVM_PROCESSING*, you can suppress the creation of the related entry in table */SAPTRX/EH_EVMSG*.

Effects on Customizing

If you want to improve the performance, you can do the following in Customizing for SAP Event Management:

- Suppress the creation of default query IDs for event handlers.
The creation of query IDs is not necessary in every scenario. Currently one query ID is created for every event handler per default for the corresponding application object ID. If you do not want the creation of the default query ID, you can set *Do Not Create Default Query ID for Event Handler*. Customer defined query IDs cannot be suppressed.
For more information, see Customizing for SAP Event Management under *Event Management -> Event Handlers and Event Handler Data -> Event Handlers -> Define Event Handler Types*.
- Suppress storing of irrelevant entries in table /SAPTRX/EH_EVMSG by using the *Do not store irrelevant entries* activity parameter in the QUIT_EVM_PROCESSING rule activity in Customizing for SAP Event Management under *Event Management -> Reactions to Event Messages -> Define Rule Sets*.

See also

For more information, see SAP Help Portal at *SAP Business Suite -> SAP Supply Chain Management -> SAP Event Management -> Data Archiving*.

2.4.3 SCM_EM_HIGHVOL: Business Function EM, Archiving and Web Interface Improvements (New)

Use

As of *SAP enhancement package 1 for SAP Event Management 7.0*, the business function *EM, Archiving and Web Interface Improvements* is available. With this business function you can use features for high-volume processing and archiving in SAP Event Management. This is especially helpful in processes where a comparably high number of objects are affected by an event, for example, reporting a packing hierarchy during item tracking.

For more information, see the following release notes:

- SCM_EM_HIGHVOL: Archiving Improvements (New)
- SCM_EM_HIGHVOL: Performance Optimizations (New)

Furthermore, you can use the following enhancements to the user interface (Web Dynpro ABAP):

- On the user interface (Web Dynpro ABAP) you can store your most common search criteria with *Save Search As*. The system saves your search criteria in the database and adds the new saved search name to the *Saved Searches* dropdown list box. If the search screen contains any date fields, the system first displays the *Save Search Criteria* window in which you can define dynamic date calculation rules. The system copies the operator for a dynamic date calculation from the selection screen. The system does not support ranges that include or exclude dates in a dynamic date calculation. The only exception to this is where you can use *Current Date +/- NNN Days* as a dynamic date calculation. When you choose the *OK* button in the *Save Search Criteria* window, the system then saves your search criteria and adds the new saved search name to the *Saved Searches* dropdown list box. The dropdown list box displays all saved searches depending on the tracking scenario you have chosen.

If you want to change the search criteria of an existing saved search, you can do the following:

- Choose the relevant saved search in the *Saved Searches* dropdown list box
- Change the criteria as appropriate
- Save the search criteria under the same name

If you had already defined dynamic date calculation rules for date fields, you must define and save the rules again.

- On the user interface (Web Dynpro ABAP) you can display search helps to fields on the search screen and the event message entry. This enables the system to display your own values in addition to the existing capabilities for SAP Event Management data.

Effects on Customizing

Assignment of Search Helps

If you want to display a search help to a configured field for selection or event messages, you must have done the assignment of the search help under Configure Fields for User Profiles in Customizing for SAP Event Management.

See also

For more information about data archiving for high data volumes, see SAP Library for SAP Event Management on SAP Help Portal at <http://www.help.sap.com> under *Business Functions for SAP Event Management -> EM, Archiving and Web Interface Improvements*.

2.4.4 AIE_OER_PTACOLDCHAIN: Business Function OER, Perf.-Opt. PTA/Cold Chain (New)

Use

As of SAP enhancement package 1 for SAP Event Management 7.0, the business function *OER*,

Performance-Optimized PTA and Cold Chain is available. This business function is only supported if you are not already using an existing SAP object event repository but are implementing SAP object event repository for the first time in your system landscape. That is, you are **not using data that already exists** in SAP object event repository in your business processes. With this business function you can use two new variants of the secure tracking and tracing business scenario: *High Volume Product Tracking and Authentication Visibility Process* and *Product Tracking and Authentication and Cold Chain Monitoring Visibility Process*, which are a modified versions of the existing, fully standard EPCIS-compliant secure tracking and tracing business scenario.

- The *High Volume Product Tracking and Authentication Visibility Process* enables SAP object event repository (SAP OER) to support the secure tracking and tracing business scenario (EPCIS Capture and Query interface) for extremely high volume and high performance applications including archiving. The capture and query interfaces now allow the processing of IDs of any format, and an access of archived data in addition to data residing on the database. The new query SimpleEventQueryWithArchive offers the possibility to query and retrieve data transparently from the archive and the database through the EPCIS query interface.

Note

Consider the following implications when using this new visibility process:

- IDs can have a maximum length of 50 characters
- ID mapping is no longer used for EPCs, business transaction IDs, and business location IDs
You can use the display of internal and external formats for values that are subject to the ID mapping, such as business steps, disposition codes, and business transaction types. For example, you can use such values for authorization purposes. For more information, see Customizing for SAP Auto-ID Infrastructure under *Settings for SAP OER -> Master Data -> Vocabularies - ID Mapping -> Display Internal and External Formats of EPCIS Vocabulary*.
- Extraction of secure tracking and tracing business scenario data to SAP NetWeaver Business Intelligence is not preconfigured
- The *Product Tracking and Authentication and Cold Chain Monitoring Visibility Process* enhances the new high performance secure tracking and tracing business scenario with new functions for cold chain monitoring.

Note

This business function uses the basic functions provided in the business function *EM, Archiving and Web Interface Improvements*. For more information, see SCM_EM_HIGHVOL: Business Function EM, Archiving and Web Interface Improvements (New).

Effects on Customizing

- You can assign one archiving profile for ID tracking and one for document tracking (Assign Archiving Profiles).
- You cannot use method SET_EPC_PATTERN_LIMIT of Business Add-In (BAI) /SAPTRX/BADI_EVT_QUERY because it is not called anymore in the standard coding.
- You can use the Business Add-In BAI: Processing of Archived Event Handlers to implement the processing of IDs for which event handlers have already been archived.

If you want to use the new variants of the secure tracking and tracing business scenario, you can use the relevant Customizing settings with the prefix *CCM10_* and *PTA30_*.

See also

For more information about archiving in SAP object event repository, see SAP Library for SAP Event Management on SAP Help Portal at <http://www.help.sap.com> under *Business Functions for SAP Object Event Repository -> OER, Performance-Optimized PTA and Cold Chain*.

2.4.5 SCM_EM_TMCONTENT01: EM, Visibility Proc. for External Transportation Mgmt System (New)

Use

As of *SAP enhancement package 1 for SAP Event Management 7.0*, the business function *EM, Visibility Proc. for External Transportation Mgmt System* is available. With this business function, you can use SAP Event Management for specific scenarios that are managed in an external transportation management system. You can monitor different event handler types, for example, freight units and freight orders. Depending on your role in the transportation process you can choose different layouts for the user interface, such as shipper or consignee.

Effects on Customizing

If you want to use this visibility process, use the relevant Customizing settings with the prefix *ODT20_*.

2.5 SCM-ICH

Supply Network Collaboration

2.5.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.2 SCM_SNC_GEN_SOH: Visibility Buffer Based on ODM (New)

Use

As of Support Package 9 of SAP Enhancement Package 2 for Supply Network Collaboration (SAP SNC) 7.0, you can select order document types for the visibility buffer based on order document management (ODM).

Effects on System Administration

For the initial load and synchronization of the ODM-based visibility buffer, you have to schedule the Initial Load and Synchronization of ODM-Based Visibility Buffer (/SCF/SOH_VISBUF_SYNC) report.

Effects on Customizing

To select order document types for which you want to switch on the ODM-based visibility buffer, the *Select Order Document Types for ODM-Based Visibility Buffer* Customizing activity is available. For more information, see Customizing under *Supply Network Collaboration -> Basic Settings -> Visibility -> Select Order Document Types for ODM-Based Visibility Buffer*.

2.5.3 SCM702_ICH_GEN_SOH: SNC Optimizations for SAP HANA (New)

Use

As of Support Package 9 of SAP Enhancement Package 2 for Supply Network Collaboration (SAP SNC) 7.0, the business function *SCM-SNC Optimizations for SAP HANA* is available. With this business function, you can do the following:

- Enhance the processing of due confirmations in the purchase order (PO) worklist by enabling SAP HANA
- Enable the ODM-based visibility buffer for the following order document types:
 - Advanced shipping notification
 - Purchase order

For more information, see the following release notes:

- Visibility Buffer Based on Order Document Management (New)
- Enhanced Processing of Due Confirmations in the PO Worklist (New)

2.5.4 Roles for SAP Supply Network Collaboration

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the following roles are new, have been changed, or are obsolete:

- The *ASN Maintenance (Supplier)* (SAP_SCM_ICH_ASN_SUP) role is now obsolete and has been replaced by the *ASN Maintenance (Supplier)* (SAP_SCM_ICH_ASN_SUP_2) role.
- The *Dynamic Replenishment (Supplier)* (SAP_SCM_ICH_DR_SUP) role is now obsolete and has been replaced by the *Dynamic Replenishment (Supplier)* (SAP_SCM_ICH_DR_SUP_2) role.
- The *Forecast Collaboration (Supplier)* (SAP_SCM_ICH_FCS_SUP) role is now obsolete and has been replaced by the *Forecast Collaboration (Supplier)* (SAP_SCM_ICH_FCS_SUP_2) role.
- The *Forecast Collaboration (Customer)* (SAP_SCM_ICH_FCS_CUS) role is now obsolete and has been replaced by the *Forecast Collaboration (Customer)* (SAP_SCM_ICH_FCS_CUS_2) role.
- The *Invoice Maintenance (Supplier)* (SAP_SCM_ICH_IV_SUP) role is now obsolete and has been replaced by the *Invoice Maintenance (Supplier)* (SAP_SCM_ICH_IV_SUP_2) role.
- The *Outsourced Manufacturing: Order Processing (Supplier)* (SAP_SCM_ICH_OMO_SUP) role is now obsolete and has been replaced by the *Outsourced Manufacturing: Order Processing (Supplier)* (SAP_SCM_ICH_OMO_SUP_2) role.
- The *Outsourced Manufacturing: Order Processing (Customer)* (SAP_SCM_ICH_OMO_CUS) role is now obsolete and has been replaced by the *Outsourced Manufacturing: Order Processing (Customer)* (SAP_SCM_ICH_OMO_CUS_2) role.
- The *Outsourced Manufacturing: Planning (Supplier)* (SAP_SCM_ICH_OMP_SUP) role is now obsolete and has been replaced by the *Outsourced Manufacturing: Planning (Supplier)* (SAP_SCM_ICH_OMP_SUP_2) role.
- The *Outsourced Manufacturing: Planning (Customer)* (SAP_SCM_ICH_OMP_CUS) role is now obsolete and has been replaced by the *Outsourced Manufacturing: Planning (Customer)* (SAP_SCM_ICH_OMP_CUS_2) role.

- The *Purchase Order Processing (Supplier)* (SAP_SCM_ICH_PO_SUP) role is now obsolete and has been replaced by the *Purchase Order Processing (Supplier)* (SAP_SCM_ICH_PO_SUP_2) role.
- The *Quality Collaboration (Supplier)* (SAP_SCM_ICH_QN_SUP) role is now obsolete and has been replaced by the *Quality Collaboration (Supplier)* (SAP_SCM_ICH_QN_SUP_2) role.
- The *Release and Kanban Processing (Supplier)* (SAP_SCM_ICH_RK_SUP) role is now obsolete and has been replaced by the *Release and Kanban Processing (Supplier)* (SAP_SCM_ICH_RK_SUP_2) role.
- The *Replenishment Processing (Supplier)* (SAP_SCM_ICH_RP_SUP) role is now obsolete and has been replaced by the *Replenishment Processing (Supplier)* (SAP_SCM_ICH_RP_SUP_2) role.
- The *Supplier Collaboration: Superuser (Customer)* (SAP_SCM_ICH_SU_CUS) role is now obsolete and has been replaced by the *Supplier Collaboration: Superuser (Customer)* (SAP_SCM_ICH_SU_CUS_2) role.
- The *Supplier Collaboration: Superuser and Administrator (Supplier)* (SAP_SCM_ICH_SU_SUP) role is now obsolete and has been replaced by the *Supplier Collaboration: Superuser and Administrator (Supplier)* (SAP_SCM_ICH_SU_SUP_2) role.
- The *Responsive Replenishment: Planner (Supplier)* (SAP_ICH_PLANNER) role is now obsolete and has been replaced by the *Responsive Replenishment: Planner (Supplier)* (SAP_ICH_PLANNER_2) role.
- The *Supplier Collaboration: Administrator (Customer)* (SAP_SCM_ICH_ADM_CUS) role is now obsolete and has been replaced by the *Supplier Collaboration: Administrator (Customer)* (SAP_SCM_ICH_ADM_CUS_2) role.

For more information, see the the documentation of these roles in the SAP Library.

2.5.5 SCM-ICH-AFS

Functions for SAP Apparel and Footwear

2.5.5.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the

business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.6 SCM-ICH-AMO

Alert Monitor

2.5.6.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.7 SCM-ICH-ASN**Advanced Shipping Notification and**

Shipment

2.5.7.1 SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can use the following new fields in the *Due List for Purchasing Documents* Web screens on the SAP SNC Web user interface:

- The customer's purchasing group
- The order type code of the purchasing document
The order type code defines the type of purchasing document the customer has sent the supplier using a two-letter code or a two-digit code.

The *Due List for Purchasing Documents* has been enhanced as follows:

- On the supplier view, the *Purchasing Group* and *Order Type Code* selection parameters and fields are available.
- On the customer view, the new *Order Type Code* selection parameter and field is available.

Effects on Customizing

In Customizing for *Supply Network Collaboration*, you must map order type codes from the customer's back-end system to order type codes from SAP SNC. You map the order type codes under *Purchase Order -> Map External Order Type Code to Internal OrderType Code in SAP SNC*.

See also

For more information, see:

- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2).
- The SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced) release note which explains the enhancements to the ReplenishmentOrderNotification XML message that transfers the order type code.
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Delivery*

2.5.7.2 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2

(New)**Use**

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.8 SCM-ICH-DIO

Inbound/Outbound Data Processing

2.5.8.1 SCM_SNC_GEN_2: Reset Time Series for Inbound XML Message (Enhanced)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can define how SAP SNC updates periods from time series in an inbound ProductActivityNotification XML message to the relevant time series on a specific Web screen of the SAP SNC Web user interface.

Effects on Customizing

You make the Customizing settings in Customizing for *Supply Network Collaboration*, under *Basic Settings* -> *Processing Inbound and Outbound Messages* -> *Reset Time Series for Inbound XML Messages*.

See also

For more information, see:

- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2) .
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Cross-Application Functions* -> *Inbound and Outbound Message Processing*

2.5.8.2 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:

- Purchase order collaboration
- Release processing
- Delivery collaboration
- Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.9 SCM-ICH-EM

Event Management for SAP SNC

2.5.9.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.

- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.10 SCM-ICH-ERP

ERP-SNC Integration

2.5.10.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you

can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.11 SCM-ICH-FCS Forecast

2.5.11.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.12 SCM-ICH-FTR File Transfer

2.5.12.1 SCM_SNC_GEN_2: File Transfer (Enhanced)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the following file transfer Business Add-Ins (BAdIs) have been enhanced:

- *BAdI: Create File for Due List for Purchasing Documents*
(/SCA/FTR_FILE_ASNDLPD)
The BAdI has been enhanced to enable the CSV file to display the following data:
 - Carrier party
 - Carrier (SCAC) ID
 - Bill of lading
- *BAdI: Create File for Purchase Order Interface* (/SCA/FTR_FILE_PO)
The BAdI has been enhanced to enable the CSV file to display the component requirement date.

See also

For more information, see:

- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2).
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Cross-Application Functions -> File Transfer*

2.5.12.2 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.

- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.13 SCM-ICH-IMO

Inventory Monitor

2.5.13.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you

can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.14 SCM-ICH-IV Invoice

2.5.14.1 SCM_SNC_GEN_2: Invoice Details Web Screens (Enhanced)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the *Bank Check Number* field is available on the supplier view and customer view of the *Invoice Details* Web screen of the SAP Supply Network Collaboration Web user interface.

Effects on Data Transfer

The `PaymentAdviceNotification` XML message has been enhanced with a field for the bank check number (*ChequeReference* in the XML message) to transfer the data from the customer's back-end system.

See also

For more information, see:

- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2) .
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Invoice Collaboration*

2.5.14.2 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.

- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.15 SCM-ICH-KNB

Kanban

2.5.15.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration

- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.16 SCM-ICH-MD

Master Data

2.5.16.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration

- Release processing
- Delivery collaboration
- Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.17 SCM-ICH-NDC

Net Requirements Calculation

2.5.17.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.

- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.18 SCM-ICH-PO

Purchase Order and Replenishment Order

2.5.18.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.18.2 SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can view the following data in the *Purchase Order Collaboration* Web screens on the SAP

SNC Web user interface:

- The customer's purchasing group on the relevant supplier view Web screens
- The order type code of the purchase order
The order type code defines the type of the purchase order (PO) using a numeric or alphabetic code that can consist of up to four characters, for example 01 for a standard PO.
- The customer reference
The customer reference identifies the person responsible for the purchasing document in your company using a number or a code.
- The supplier reference
The supplier reference identifies the individual who is responsible for the purchasing document at the supplier using a number or a code.
- The component requirement date
The component requirement date defines the date by which the subcontractor expects the required quantity for the component.

The following Web screens have been enhanced as follows:

- Supplier view of the *Purchase Order Worklist* Web screen
For all standard queries, the new selection parameters *Purchasing Group* and *Order Type Code* are available as well as the following new fields:
 - *Purchasing Group*
 - *Order Type Code*
 - *Customer Reference*
 - *Supplier Reference*Furthermore, the *Component Requirement Date* field is available in the *Confirmation* pop-up.
- Customer view of the *Purchase Order Worklist* Web screen
For all standard queries, the new selection parameter *Order Type Code* is available as well as the following new fields:
 - *Order Type Code*
 - *Customer Reference*
 - *Supplier Reference*
- Supplier view of the *Purchase Order - Overview* and *Purchase Order - Overview History* Web screens
The *Purchasing Group* and *Order Type Code* selection parameters and fields are available.
- Customer view of the *Purchase Order - Overview* and *Purchase Order - Overview History* Web screens
The *Order Type Code* selection parameter and field is available.
- Supplier view of the *Purchase Order Details* Web screen
The following fields are available:

- *Customer Reference*
- *Supplier Reference*
- *Purchasing Group*
- *Order Type Code*
- *Component Requirement Date*
- Customer view of the *Purchase Order Details* Web screen
The following fields are available:
 - *Customer Reference*
 - *Supplier Reference*
 - *Order Type Code*
 - *Component Requirement Date*
- Goods recipient view of the *Purchase Order Details* Web screen
The following fields are available:
 - *Customer Reference*
 - *Supplier Reference*
 - *Purchasing Group*
 - *Order Type Code*
 - *Component Requirement Date*
- *Purchase Order Item Groups*
On both the supplier view and customer view of the *Purchase Order Item Groups* Web screen, the *Purchasing Group* selection parameter is available in the value help of the *Purchase Order Number*, *Purchase Order Item Number*, and *Customer* fields.
- *Purchase Order Details History*
On both the supplier view and customer view of the *Purchase Order Details History* Web screen, the following new fields are available:
 - *Customer Reference*
 - *Supplier Reference*
 - *Order Type Code*
 - *Component Requirement Date*

Effects on Data Transfer

The following XML messages have been enhanced with new fields to transfer the relevant data using XML messages from the customer's back-end system to SAP SNC and from SAP SNC to the customer's back-end system:

- `PurchaseOrderERPReplenishmentOrderCollaborationNotification`
The `PurchaseOrderERPReplenishmentOrderCollaborationNotification` XML

message has been enhanced with fields for the following data:

- Customer reference (in the XML message this field is called *BuyerReferenceNote*)
- Supplier reference (in the XML message this field is called *SellerReferenceNote*)
- Component requirement date (in the XML message this field is called *RequirementDate*)
- ReplenishmentOrderNotification
The ReplenishmentOrderNotification XML message has been enhanced with fields for the following data:
 - Customer reference (in the XML message this field is called *BuyerReferenceNote*)
 - Supplier reference (in the XML message this field is called *SellerReferenceNote*)
 - Component requirement date (in the XML message this field is called *RequirementDate*)
 - The order type code that the customer uses in their back-end system (in the XML message this field is called *OLTP Processing Type Code*)

Effects on Customizing

In Customizing for *Supply Network Collaboration* under *Purchase Order -> Make General Settings for Purchase Orders*, you must make the following settings:

- In the Create Approval Profiles view, you can make settings to remove the following pushbuttons from the supplier view of the *Purchase Order Details* Web screen:
 - *Copy Components*
 - *Add Components*
 - *Delete Components*To remove the pushbuttons, set the *Rule for Component Edit* field to *Buttons Are Not Displayed* in the *Create Approval Profiles* screen area.
- In the *Define Order Type Codes* view and the *Assign Order Type Codes* view, you must define order type codes for SAP SNC and assign them to order type codes from the customer's back-end system.

See also

For more information, see:

- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2) .
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Purchase Order Collaboration*

2.5.18.3 SCM_SNC_GEN_SOH: Switch on SAP HANA-Specific Functions

(New)**Use**

As of Support Package 9 of SAP Enhancement Package 2 for Supply Network Collaboration (SAP SNC) 7.0 you can enable SAP HANA for the already existing feature, the Process Due Confirmations query in the purchase order (PO) worklist. As a result, you may experience enhanced performance.

Effects on Existing Data

You experience enhanced performance when executing the process due confirmations query on the PO worklist screen when the relevant customizing switch is on.

Effects on Customizing

To enable SAP HANA for the process due confirmations query in the PO worklist, an existing Customizing activity has been enhanced. For more information, see Customizing for *Supply Network Collaboration* under *Purchase Order -> Make General Settings for Purchase Orders*.

To use additional fields in the data retrieval process for due confirmations in the PO worklist, a new Business Add-In (BAI) is available. For example, you can use the fields previously added in the order structure as filters. For more information, see Customizing for *Supply Network Collaboration* under *Business Add-Ins (BAIs) for SNC -> Purchase Order -> BAI: SAP HANA - Field Selection for Due Confirmations in PO*

See also

For more information, see SAP Library for *SAP Supply Network Collaboration* under *-> SAP Supply Network Collaboration -> Business Functions (SAP Enhancement Package 2 for SAP SNC 7.0) -> Optimizations for SAP HANA*.

2.5.19 SCM-ICH-PRO**Promotion Planning****2.5.19.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)****Use**

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.

- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.20 SCM-ICH-QM

Quality

2.5.20.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you

can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.21 SCM-ICH-REL

Scheduling Agreement Release

2.5.21.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.21.2 SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the Purchasing Group field has been added to the *Release Header* tab page on the supplier view of the *Release Details* Web screen of the SAP SNC Web user interface.

See also

For more information, see:

- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2).
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Release Processing*

2.5.22 SCM-ICH-REP Reporting

2.5.22.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration

- Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.22.2 SCM_SNC_GEN_2: Supplier Performance Management (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the Supplier Performance Management function is available. Supplier performance management provides you with a tool to analyze the performance of your entire supply base or to analyze the performance of individual suppliers based on rating criteria. You can use the following two functions of supplier performance management to analyze the performance of your suppliers:

- Supply base performance analysis
You can use this function to analyze the performance of your entire supply base. In supply base performance analysis, the performance of suppliers is rated in SAP SNC on the basis of the following four different rating criteria:
 - Accuracy of the advanced shipping notification
 - On-time delivery
 - Accuracy of supplier confirmations
 - Shipping discrepancy

The results of the performance rating are then extracted to SAP NetWeaver Business Warehouse (SAP NetWeaver BW) using data extractors. In SAP NetWeaver BW, the system calculates a final score for the suppliers using a scoring table. You can view the scores using various standard queries that, for example, rank the performance of the supplier or display the details of the performance based on the rating criteria. To run the queries you can use the SAP Business Explorer Analyser.

- Direct performance analysis

You can use this function to analyze the performance of a single supplier or a small number of suppliers who you suspect are not performing well enough. In direct performance analysis, the performance of suppliers is rated in SAP SNC on the basis of three different rating criteria:

- Accuracy of the advanced shipping notification
- On-time delivery
- Accuracy of supplier confirmations

In contrast to supply base performance analysis, direct performance analysis uses standard queries on the SAP SNC Web user interface (Web UI) to analyze the results of the supplier performance in real-time. The queries use operational data providers that directly read the relevant data from tables in SAP SNC. You can display the data in the queries using the standard SAP List Viewer or SAP Crystal Reports.

Effects on Existing Data

Effects on Menus

The Web menu for customers and suppliers in SAP SNC has been enhanced by the following entry: *Tools -> Supplier Performance Management*. From the *Supplier Performance Management* node, you can access the queries for direct performance analysis.

The area menu has been enhanced by the following new entry: *Supply Network Collaboration -> Tools -> Supplier Performance Management*.

Effects on Customizing

You must make Customizing settings for both supply base performance analysis and direct performance analysis in SAP SNC. In SAP NetWeaver BW, you must make settings for supply base performance analysis.

Customizing settings in SAP SNC

You make the Customizing settings for both supply base performance analysis and direct performance analysis in Customizing for *Supply Network Collaboration*, in the following Customizing activities:

- *Tools -> Supplier Performance Management ->*
 - Make Global Settings
 - Define Date Type Used in Rating Criteria
 - Define Time Window

- Define Time Window for On-Time Delivery Rating Criteria
- Define Quantity Tolerance
- Determine Use of Release Type

Customizing settings in SAP NetWeaver BW

You make the Customizing settings for supply base performance analysis in Customizing for *SAP NetWeaver* in the following Customizing activities:

- *Business Intelligence -> Settings for BI Content -> Supply Chain Management -> Supplier Performance Management ->*
 - *Define Significant Document Type*
 - *Define Global Parameters for Supplier Performance Management*
 - *Define Category for Rating Criteria*
 - *Define Rating Criteria for Supplier Performance Management*
 - *List Rating Criteria*
 - *Score Lookup*
 - *Define Calculation Rules for Score*
 - *Weighting Factors for On-time Delivery in Quantity Algorithm*

See also

For more information about what objects are new or enhanced for SAP SNC in SAP NetWeaver BW, see the BI content release notes for SAP NetWeaver 7.0 BI Content Add-On 6.

For more information, see the main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2) and SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Cross-Application Functions -> Supplier Performance Management*.

2.5.23 SCM-ICH-RET

Returns

2.5.23.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.

- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.24 SCM-ICH-SCO

Supplier Confirmations

2.5.24.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you

can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.25 SCM-ICH-SNI

Supply Network Inventory

2.5.25.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.26 SCM-ICH-TLB

Transport Load Builder

2.5.26.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a ProductActivityNotification XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)

2.5.26.2 SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can manually create special TLB shipments (such as cross-docking, multi-stop, or multi-pickup). You can modify existing special TLB shipments or convert an existing direct TLB shipment to a special TLB shipment for remaining quantities on the *TLB Shipments* Web screen.

Effects on Existing Data

On the header level for the TLB shipment (*TLB Shipments*) of the *TLB Shipments* Web screen, the *ShipSce.* (Shipping Scenario) field has been added and the *Ship-From Location* and *Ship-To Location* fields have become editable.

On the item level for the TLB shipment (*TLB Shipment Details*) of the *TLB Shipments* Web screen, the following new fields have been added:

- *Ship. Date* (Shipping Date)
- *Ship. Time* (Shipping Time)
- *Deliv. Date* (Delivery Date)
- *Deliv. Time* (Delivery Time)

See also

For more information, see:

- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at **<http://help.sap.com>**, under *SAP Supply Network Collaboration -> Replenishment -> Transport Load Builder -> Additional TLB Functions -> Processing of Remaining Quantities with Special TLB Shipment Scenarios*.
- The main release note for the business function *Supply Network Collaboration 2* (SCM_SNC_GEN_2).

2.5.27 SCM-ICH-WO

Work Order

2.5.27.1 SCM_SNC_GEN_2: Business Function Supply Network Collaboration 2 (New)

Use

As of SAP enhancement package 2 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function Supply Network Collaboration 2 is available. With this business function, you can do the following, for example:

- Introduce new reporting functionality with the new supplier performance management function.
- Improve the Transport Load Builder (TLB) function with usability improvements on the *TLB Shipments* Web screen.
- Enhance the Web screens on the Web user interface (Web UI) of the following applications with new fields and selection parameters:
 - Purchase order collaboration
 - Release processing
 - Delivery collaboration
 - Invoice collaboration
- Define how SAP SNC updates periods from a time series of a `ProductActivityNotification` XML message to the relevant time series on the SAP SNC Web UI.
- Enhance Business-Add Ins for file transfer.

For more information, see the following release notes:

- SCM_SNC_GEN_2: Manual Creation of Special TLB Shipments (New)
- SCM_SNC_GEN_2: Supplier Performance Management (New)
- SCM_SNC_GEN_2: Reset Times Series for Inbound XML Message (Enhanced)
- SCM_SNC_GEN_2: Purchase Order Collaboration Web Screens (Enhanced)
- SCM_SNC_GEN_2: Due List for Purchasing Documents Web Screens (Enhanced)
- SCM_SNC_GEN_2: Release Details Web Screen (Enhanced)
- SCM_SNC_GEN_2: File Transfer (Enhanced)