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Release Notes



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1 CA

Cross-Application Components

1.1 CA-BFA

Business Framework Architecture

1.1.1 ERP, New User Interface for ABAP Lists (New)

Use

As of *SAP Business Suite Foundation 7.02 (SAP_BS_FND 702)*, business function *ERP, New User Interface for ABAP Lists (ERP_ALL_LISTS_2)* is available. With this business function, you can harmonize and standardize user interaction with ABAP lists.

Some previously delivered write lists are replaced by lists (mostly ALV) that provide increased usability and harmonized end-user interaction. These new lists improve the end-user experience and help to reduce training efforts.

Several of the previously delivered write lists provide highly individual graphical display and interaction capabilities. With the new user interface, these capabilities are harmonized and unified.

For some reports, you can decide whether you would like to use the new user interface or one of the previously delivered write lists. By default, the new user interface is used after switching on the business function, but you can select to use the user interface of the previously delivered write list instead.

For more information, see SAP note no. 1302424. For more information on the former business function *ERP_ALL_LISTS*, see SAP note no. 1180432.

Note: The new business function *ERP_ALL_LISTS_2* is independent from the business function *ERP_ALL_LISTS*. *ERP_ALL_LIST_2* controls a different set of write lists.

Effects on Existing Data

Before switching on the business function, you should carefully consider the following:

- The end users may be very familiar with lists and may prefer not to adopt a new user interface.
- The unification of different specialized user interfaces sometimes means that you must relinquish certain individual features.

See also

For more information, see SAP Library under *Business Function Sets and Business Functions -> Enterprise Business Functions -> Cross-Application Enterprise Business Functions -> ERP, New User Interface for ABAP Lists*.

1.2 CA-EPT Processes and Tools for Enterprise Applications

1.2.1 FND_ANALYTICS_TOOLS: BF, Enhancements for Business Suite Analytics (New)

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702), the business function *Enhancements for Business Suite Analytics* (FND_ANALYTICS_TOOLS) is available. With this business function, the following enhancements are provided:

- BI Content Activation Workbench
You can use the BI Content activation workbench to explore, select, and activate predefined BI content. For more information, see the BI Content Activation Workbench release note.
- Scalability Level Configuration in Analytics Infrastructure
You can use the scalability level configuration to define which InfoProvider of a MultiProvider should be accessed during a query execution. For more information, see the Scalability Level Configuration (CA_BS_FND_702_ANI_2) release note.
- Analytics List Component GUIBB
You can use the analytics list component to embed analytical and planning content into transactional applications without development effort. For more information, see the Analytics List Component release note.

1.2.2 /IPRO/FND_DOCUMENT_BUILDER: Business Function SAP Document Builder (New)

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702), the business function *SAP Document Builder* (/IPRO/FND_DOCUMENT_BUILDER) is available. With this business function, you can create legally compliant documents using a customer-defined, standardized process, reducing the risk and cost of legal actions resulting from inconsistent or non-standardized processes and documents. Using cockpits, reviews, reports, and workflows, SAP Document Builder streamlines procurement processes and makes them transparent throughout the document generation process. The standardization and streamlining of processes increases compliance with internal and external standards, rules, and regulations while cutting the cost of producing complex documents. SAP Document Builder also eliminates the need for a

third-party document authoring solution and associated integration and maintenance costs. SAP Document Builder offers both automatic and manual document generation, as well as both single and mass document generation.

For more information, see the release note `/IPRO/FND_DOCUMENT_BUILDER: Document Generation`.

Effects on Existing Data

You must have SAP enhancement package 2 for SAP NetWeaver 7.0 installed on your system.

Effects on Customizing

To use SAP Document Builder, you must activate the business function in Customizing under *SAP Customizing Implementation Guide -> Activate Business Functions*.

See also

SAP Library for SAP Document Builder on SAP Help Portal at <http://help.sap.com> -> *SAP xApps* -> *SAP Document Builder*.

1.2.3 /IPRO/FND_DOCUMENT_BUILDER: Document Generation (Enhanced)

Use

As of *SAP Business Foundation 7.02 (SAP_BS_FND 702)*, you can create simple and complex documents using customer-defined formats, templates, and clause content. SAP Document Builder dynamically creates legally compliant documents based on templates or business rules, enabling standardized content, formats, and process flows. Centralized templates and content allow more visibility into processes from start to finish thanks to the traceability of actions and versions. Processes are streamlined and legal review time is saved. Document accessibility is controlled using roles, tailoring the user experience to your needs.

Effects on Existing Data

The following changes were made to the SAP Document Builder application:

- You can now use fill-in variables in the header and footer, or overlay, of a document.
- The overlay has been enhanced to include a language field.
- The user status workflow has been enhanced.
- While maintaining elements, you can now reduce the number of objects or hide unnecessary fields by creating a Web Dynpro configuration and using the Business Add-In (BAI) `/IPRO/WD_CONFIG`.

Depending on what forms you want to integrate, you must install the following:

- If you want to integrate Microsoft Word 2003 forms, you must install Microsoft Word 2003. If you want to edit clauses using Microsoft Word, you must also install the Microsoft DSO Framer ActiveX Control.

- If you want to integrate Adobe forms, you must install the SAP NetWeaver-based Adobe LiveCycle Designer.
- If you want to combine PDF forms with text-based clauses to form an assembled legal document, you must use Adobe LiveCycle PDF Generator or a similar third-party product.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *SAP Document Builder* under the following structure nodes:

- *SAP Customizing Implementation Guide -> Cross-Application Components -> Document Builder -> Basic Functions*
- *SAP Customizing Implementation Guide -> Cross-Application Components -> Document Builder -> Regulation Sets and Elements*
- *SAP Customizing Implementation Guide -> Cross-Application Components -> Document Builder -> Document Management*
- *SAP Customizing Implementation Guide -> Cross-Application Components -> Document Builder -> Business Add-Ins*

See also

Release Note IPRO/FND_DOCUMENT_BUILDER: Business Function SAP Document Builder

SAP Library for SAP Document Builder on SAP Help Portal at <http://help.sap.com> -> *SAP xApps* -> *SAP Document Builder*.

1.2.4 FND_IDM_1: Business Function FND, Integration with SAP NW IDM 7.1 (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702) the business function FND, Integration with SAP NetWeaver Identity Management is available. This business function provides you with information about the integration of SAP Business Suite applications with SAP NetWeaver Identity Management 7.1.

As of SAP Business Suite Foundation 7.02 new integration scenarios are available to support an automated user management within a system landscape built primarily with SAP systems. The following integration scenarios are new:

- Data transfer of *Contact Person* data (for Supplier) from SAP Supply Network Collaboration (as of SAP enhancement package 1 for SAP Supply Network Collaboration 7.0) to SAP NetWeaver Identity Management 7.1 (Initial Load/Delta Load) to create or change identities.

- Data transfer of *Contact Person* data (for Partner) from SAP Customer Relationship Management (as of SAP enhancement package 1 for SAP Customer Relationship Management 7.0) to SAP NetWeaver Identity Management 7.1 (Initial Load/Delta Load) to create or change identities.
- Data transfer of *Contact Person* data (for Supplier and Bidder) from SAP Supplier Relationship Management (as of SAP enhancement package 1 for SAP Supplier Relationship Management 7.0) to SAP NetWeaver Identity Management 7.1 (Initial Load/Delta Load) to create or change identities.
- Data transfer of *Student* data from SAP Student Lifecycle Management (as of SAP enhancement package 1 for SAP Student Lifecycle Management 7.0) to SAP NetWeaver Identity Management 7.1 (Initial Load/Delta Load) to create or change identities.

If the integration is activated, data that is exchanged between SAP Business Suite applications and the SAP NetWeaver Identity Management is used for an automated user management and user distribution within a given system landscape. SAP NetWeaver Identity Management acts as central hub to collect data from several applications, create the respective identities in the Identity Management system and distribute these identities across several systems to registered applications.

For more information about the new integration scenarios, see the following release notes:

- FND_IDM_1: SAP SCN Integration with SAP NW Identity Mgmt (New)
- FND_IDM_1: SAP CRM Integration with SAP NW Identity Mgmt (New)
- FND_IDM_1: SAP SLcM Integration with SAP NW Identity Mgmt (New)
- FND_IDM_1: SAP SRM Integration with SAP NW Identity Mgmt (New)

See also

For more information about all available integration scenarios, see SAP Library for SAP ERP under *Processes and Tools for Enterprise Applications (CA-EPT) --> User Management and Distribution with SAP NetWeaver Identity Management*.

For more information about SAP NetWeaver Identity Management see SAP Help Portal at <http://help.sap.com> --> *SAP Netweaver --> SAP NetWeaver Identity Management 7.1*.

1.2.5 CA-EPT-ANL Analytics Infrastructure

1.2.5.1 FND_ANALYTICS_TOOLS: BI Content Activation Workbench

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702), business function *Enhancements for Business Suite Analytics* (FND_ANALYTICS_TOOLS), the BI Content activation workbench is available.

You can use the BI Content Activation Workbench (transaction BSANLY_BI_ACTIVATION) to explore, select, and activate predefined BI Content. SAP provides selected BI Content structured along business categories, such as processes. You can choose a category (for example, processes), check the available BI Content bundles, and activate the content.

Using the BI Content activation workbench, you can activate BI Content in a local system as well as in any remote system.

You can also use the Data Warehousing Workbench (transaction RSOR) to activate BI Content.

Effects on Customizing

You can also start the BI Content activation workbench under *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Analytics -> BI Content Activation Workbench*.

1.2.5.2 CA-EPT-ANL-LST List Reporting

1.2.5.2.1 FND_ANALYTICS_TOOLS: Analytics List Component

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702), business function *Enhancements for Business Suite Analytics (FND_ANALYTICS_TOOLS)*, the Analytics List Component generic user interface building block (GUIBB) is available, which you use in Floorplan Manager (FPM) to embed analytical and planning content into transactional applications.

The following components are delivered:

- FPM generic user interface building block (GUIBB) for analytics purposes
Analytics List Component (**WDC_BS_ANLY_LIST_ALV**)
- FPM application
List Report on BW Query (WDA_BS_ANLY_LIST) with application configuration
APP_CFG_BS_ANLY_LIST
- Generic application controller
Generic Application Controller (WDC_BS_ANLY_APPCONTROLLER)
- Feeder class for GUIBB search
Feeder Class for Analytics List Component (CL_BS_ANLY_LIST_SEARCH_FEEDER)

1.2.5.3 CA-EPT-ANL-ACT Content Activation

1.2.5.3.1 FND_ANALYTICS_TOOLS: BI Content Activation Workbench

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702), business function *Enhancements for Business Suite Analytics* (FND_ANALYTICS_TOOLS), the BI Content activation workbench is available.

You can use the BI Content Activation Workbench (transaction BSANLY_BI_ACTIVATION) to explore, select, and activate predefined BI Content. SAP provides selected BI Content structured along business categories, such as processes. You can choose a category (for example, processes), check the available BI Content bundles, and activate the content.

Using the BI Content activation workbench, you can activate BI Content in a local system as well as in any remote system.

You can also use the Data Warehousing Workbench (transaction RSOR) to activate BI Content.

Effects on Customizing

You can also start the BI Content activation workbench under *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Analytics -> BI Content Activation Workbench*.

1.2.6 CA-EPT-BCV Business Context Viewer

1.2.6.1 /BCV/MAIN: Configuration Center (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), you can configure Business Context Viewer (BCV) in the configuration center. Using the configuration center, you can adapt settings for the

business content delivered by SAP and create new business content for BCV in a web-based user interface.

Effects on Existing Data

You can access the configuration center from the SAP Enterprise Portal or from SAP NetWeaver Business Client (NWBC). The configuration offers a central point of access for all the transactions necessary to configure and execute BCV. In addition, you can test BCV objects for consistency here, as well as test your configuration settings.

The following transactions are available from the configuration center:

Configuration Activities

- Define Search Connectors
- Define BCV Queries
- Define Query Views
- Define Dashboards
- Define Overviews
- Define Query View Hierarchies
- Define Meanings
- Define User Groups
- Define Launchpads

Administrative Activities

- Display BCV Query Statistics
- Display Search Connector Statistics
- Perform Consistency Check
- Perform Authorization Check
- Display Where-Used List of User Group in ACL

Additional Functions

- Drill-Down
- Personalization
- Snapshots
- Printing

Effects on Customizing

Some of the transactions in the configuration center are accessible from Customizing as well. You make the Customizing settings for this function in Customizing for *Cross-Application Components*, under *Processes and Tools for Enterprise Applications -> Business Context Viewer*, in the following Customizing activities:

- *User Interface* -> Define Query Views
- *User Interface* -> Define Dashboards
- *User Interface* -> Define Query View Hierarchies
- *User Interface* -> Define Overview
- *User Interface* -> Define Subject Groups
- *User Interface* -> Perform Authorization Checks
- *User Interface* -> Display Where-Used List of User Group in ACL
- *Query Management* -> Define BCV Queries
- *Query Management* -> Display Query Statistics
- *Query Management* -> Test BCV Queries
- *Query Management* -> Maintain Query Dispatcher
- *Query Management* -> Maintain Query Cache
- *Query Management* -> Delete Query Cache
- *Search Integration* -> Define Search Connectors
- *Search Integration* -> Display Search Connector Statistics
- *Search Integration* -> Test Search Connectors
- *Foundation, Monitoring* -> Define Meanings
- *Foundation, Monitoring* -> Define Context Key
- *Foundation, Monitoring* -> Migrate Data from PCV to BCV
- *Maintenance* -> Define Search Technology
- *Maintenance* -> Define Max. Number of Hits Received from Data Provision Technologies
- *Maintenance* -> Define Printing Parameters
- *Maintenance* -> Define Snapshot Parameters
- *Maintenance* -> Delete Snapshots
- *Maintenance* -> Perform Consistency Check

See also

SAP Library for SAP ERP on *SAP Help Portal* at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Processes and Tools for*

Enterprise Applications (CA-EPT) -> Business Context Viewer.

Release note /BCV/MAIN: Business Function FND, Business Context Viewer Main

1.2.6.2 /BCV/MAIN: Technical Features (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), Business Context Viewer (BCV) comes with the following technical features:

New user interface functionalities to show and analyze business content

- The configuration center is a Web Dynpro-based application that serves as a central point of entry for configuring and executing BCV. Configuration of BCV objects is simplified.
- The side panel is improved, setting up of dashboards, query views, favorites is easier and more interactive.
- Business Context Viewer (BCV) displays information in the form of tables, graphics, pictures, or charts. You can configure the settings of charts and tables, print them, add them to your favorites and choose between different color palettes to display information in.
- Enhanced drill-down capabilities to call ABAP transactions and reports is available in BCV. You can execute a drill-down from table cells and chart data points. The system opens the transaction or report the drill-down calls in its own session. Data from the context is filled automatically as input for the report.
- You can create snapshots of your query views.

Data provisioning and query handling functionalities

- BCV provides search connectors for Web Services, Classic InfoSets, SAP NetWeaver Business Intelligence, SAP Workflows, Search Engine Service, Enterprise Search, BAPIs.
- Joining of queries based on two search connectors is possible.
- You can group BCV objects, which allows better sorting in the user interface.
- Caching of data improves performance.

Unit of measure and currency conversion

In BCV, you can specify a reference unit of currency or unit of measure to which the system converts all currencies and measurements returned by a single data source.

Personalization and configuration of public or private settings

- With BCV's private settings, power users can create their own (private) content, while personalization allows end users to save their personalized settings.
- The *Overviews* tab page of the side panel can be configured based on roles.

Integration of Xcelsius Dashboards

It is possible to integrate Business Objects Xcelsius dashboards into BCV without using any code.

Flexible Authorization Concept

Authorizations in BCV are based on roles, authorization objects, and NetWeaver access control lists, which provide a flexible authorization concept.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Cross-Application Components* -> *Processes and Tools for Enterprise Applications* -> *Business Context Viewer* in the following Customizing activities:

- *User Interface* -> Define Groupings
- *User Interface* -> Define Printing Parameters
- *User Interface* -> BAdI: Filtering Drill-Down Options
- *Foundation, Monitoring* -> BAdI: Unit Conversion
- *Foundation, Monitoring* -> BAdI: Currency Conversion

See also

SAP Library for SAP ERP on *SAP Help Portal* at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages* -> *ERP Central Component Enhancement Package 5* -> *Processes and Tools for Enterprise Applications (CA-EPT)* -> *Business Context Viewer*.

Release note /BCV/MAIN: Business Function FND, Business Context Viewer Main

1.2.6.3 /BCV/MAIN: Authorizations (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), Business Context Viewer (BCV) has the following features in authorization:

- Three PFCG roles are available for the following purposes:
 - External users (users from a demilitarized zone (DMZ) system)
 - BCV users
 - BCV administrators
- The system checks the user's authorization to display, edit or execute the following authorization objects, taking into consideration, not only the objects, but their context keys as well:
 - Query View Hierarchy
 - Overview

- Dashboard
- Query View
- Query
- Search Connector
- The system organizes authorizations into access control lists (ACLs). This allows for an easy assignment of users to different levels of authorization.
- Two Portal roles are available to grant or deny access to the configuration center together with the PFCG roles and access control lists:
 - *BCV User* (com.sap.pct.bs_fnd.BCV_USR)
 - *BCV Administrator* (com.sap.pct.bs_fnd.BCV_ADMIN)

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Business Context Viewer* in the following activities:

- *User Interface* -> Display Where-Used List of User Group in ACL
- *User Interface* -> Perform Authorization Checks
- *User Interface* -> BAdI: Definition of the Priority of Authorization Checks

See also

SAP Library for SAP ERP on *SAP Help Portal* at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Processes and Tools for Enterprise Applications (CA-EPT) -> Business Context Viewer*.

Release note /BCV/MAIN: Business Function FND, Business Context Viewer Main

1.2.6.4 /BCV/MAIN: Business Function FND, Business Context Viewer Main Application (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *FND, Business Context Viewer Main Application* (/BCV/MAIN) is available. With this business function you can get business data from different data providers, tailored to your business and analytical needs. Business Context Viewer (BCV) provides business context-related information presented in the form of a chart,

graphic, picture, or a table. This information is provided in the side panel attached to the business application using BCV. You can create personalized analytics and reports, which improve the effectiveness of decision making within the business process.

This business function provides the main functionality for BCV, the configuration center and its framework. You can use the configuration center to create, edit and execute objects used in BCV; search connectors, BCV queries, query views, overviews, query view hierarchies and dashboards.

As of this business function, the following features are available in Business Context Viewer:

- Configuration center to configure and create business content
- New technical features
- Flexible authorization concept

For more information, see the following release notes:

- /BCV/MAIN: Configuration Center (New)
- /BCV/MAIN: Technical Features (New)
- /BCV/MAIN: Authorizations (New)

See also

SAP Library for SAP ERP on *SAP Help Portal* at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Business Functions (SAP Enhancement Package 5 for SAP ERP 6.0) -> Business Functions in SAP Business Suite Foundation -> FND, Business Context Viewer Main Application.*

1.2.7 CA-EPT-BOF Business Object Processing Framework

1.2.7.1 FPM BOPF Integration (New)

Use

FPM BOPF Integration (FBI) provides configurable integration of Floor Plan Manager (FPM) and Business Objects Processing Framework (BOPF)-based business objects (BO). Generic FPM Application Feeder classes and relevant application configuration are provided in order to consume services of business objects modeled in BOPF. Thus, BOPF business object services can be consumed seamlessly in a modification-free UI environment.

The following enhancements are available in this release:

- POWL BOPF Integration (PBI) provides configurable integration between Personal Object Worklist (POWL) and BOPF-based business objects.
- FBI View is a design time object that helps represent a join of application data between related BO nodes. This helps convenient presentation of application data in Graphical User Interface Building Blocks (GUIBBs). FBI View primarily represents application data of a given BO node. Optionally, additional data can be merged from related BO nodes (database such as join) for convenient presentation of data.
- Intra-BO associations, that is to say, associations between nodes of the same business object, are respected in FBI. It is possible to create, change, or display data from two different nodes of the same BO within the same GUIBB. This can be achieved using the FBI View.
- Cross-BO associations, that is to say, associations between nodes of different business objects, are respected in FBI. It is possible to change or display data from two different nodes of the related BOs within the same GUIBB. This can be achieved using the FBI View.
Note that a dedicated user action is required for creation of data in the case of cross-BO associations within the same GUIBB.
- FBI supports GUIBBs for the following functions or roles:
 - Alternative Key # Alternative keys modeled on the BO can be incorporated in an FBI application using this GUIBB (instance identification).
 - Action Parameters # Actions modeled on the nodes of BO can be incorporated in an FBI application using this GUIBB.
 - Form
 - List
- It is possible to integrate free style UIBBs within an FBI application.
- FBI supports all BOPF actions, that is to say, actions modeled on the BO nodes.
- FBI also supports non-BOPF actions, that is to say, UI-specific actions that are not modeled on the BO nodes.
 - Dialogs: It is possible to configure dialogs against non-BOPF actions used in forms and lists.
 - Navigation: It is possible to configure navigations (applications in a separate window) against non-BOPF actions used in forms and lists.
Note that navigation is possible only in NetWeaver Business Client (NWBC) or Portal environment.
- It is possible to configure Identification Region (IDR) of the FBI application. The following areas of IDR can be configured:
 - Title bar
 - Ticket area
 - Item area

1.2.8 CA-EPT-IDM Identity Management: Business Suite Processes

1.2.8.1 FND_IDM_1: SAP SNC Integration with SAP NW Identity Mgmt (New)

Use

In SAP Supply Network Collaboration (SAP SNC) 7.0 and in SAP enhancement package 1 for SAP NetWeaver 7.0 with a licensed SAP NetWeaver Identity Management 7.0, you were able to create users and assign authorizations centrally in a dedicated SAP NetWeaver Identity Management system. As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), as of SAP NetWeaver Identity Management 7.1, and as of SAP enhancement package 1 for SAP SNC 7.0, business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), a new integration scenario with SAP SNC and SAP NetWeaver Identity Management is available. It is now possible to create or change a user in SAP SNC first and then distribute the user across a system landscape through SAP NetWeaver Identity Management.

The integration of SAP SNC with SAP NetWeaver Identity Management 7.1 allows you to perform a stricter governance, risk, and compliance management than before, for example:

- Authorization requests can be validated in a central system.
- In critical cases, SAP NetWeaver Identity Management can trigger workflows before it grants authorizations automatically.

With the integration of SAP SNC with SAP NetWeaver Identity Management 7.1, the following activities of a user administrator in partner user management for SAP SNC can be transferred as requests to SAP NetWeaver Identity Management:

- Create user account
- Change user account
- Lock user account
- Unlock user account
- Change role assignment (with roles created in the *Role Maintenance* (PFCG) transaction)
- Reset password

SAP NetWeaver Identity Management then executes the requests and distributes the new or changed data to SAP SNC and other systems of the system landscape.

See also

For more information, see the following documentation:

- Release note *SCM_SNC_GEN_1: User Administration (Enhanced)* in SAP Enhancement Package 1 for SAP SNC 7.0
- SAP Library for SAP Enhancement Package 1 for SAP Supply Network Collaboration 7.0 on SAP Help Portal at <http://help.sap.com> under *Processes and Tools for Enterprise Applications (CA-EPT) -> User Management and Distribution with SAP NetWeaver Identity Management -> Identity Management for SAP Supply Network Collaboration*

1.2.8.2 FND_IDM_1: SAP CRM Integration with SAP NW Identity Mgmt (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), as of SAP NetWeaver Identity Management 7.1, and as of SAP enhancement package 1 for SAP Customer Relationship Management (SAP CRM) 7.0, business function FND_IDM_1, a new integration scenario with SAP CRM and SAP NetWeaver Identity Management is available.

You can now manage user accounts for contacts and partner contacts in SAP CRM using SAP NetWeaver Identity Management. You can trigger the creation or change of user account data, including roles and authorizations, in SAP CRM. SAP NetWeaver Identity Management manages the user account information and distributes new or changed data to SAP CRM. You can also use SAP NetWeaver Identity Management to distribute user account data to other systems as required, such as SAP Business Information Warehouse or the Enterprise Portal.

With the integration of SAP CRM with SAP NetWeaver Identity Management 7.1, you can do the following in SAP CRM:

- Create user account
You can create a user account for a contact with the relevant information and business partner (BP) roles. The contact receives an email notification with the appropriate information to log on to SAP CRM.
- Change user account
You can change the user account data of a contact at any time, for example, e-mail address, assignment of BP roles, or name data.
- Lock or unlock user account
You can lock a user account so the contact cannot use it. You can subsequently unlock the account at a later time.
- Reset user account password
You can reset the password for a user account at the request of a contact.
- Remove user account
You can deactivate a user account for a contact, or you can request an administrator of SAP NetWeaver Identity Management to deactivate the account. The account is deleted in SAP CRM.

Effects on Existing Data

The WebClient UI has been enhanced with a *Users* assignment block in the applications for *Partner Contacts*, *Accounts*, *Contacts*, and *Employees*. Aside from the *Employees* application, this

assignment block allows you to create or change user accounts.

Note: You must activate the Identity Management integration in order to make use of the new functions for SAP NetWeaver Identity Management 7.1 on the WebClient UI.

See also

For more information, see the business function release note `FND_IDM_1: FND, Integration with SAP NW Identity Mgmt (New)`

1.2.8.3 FND_IDM_1: FND, SAP SLcM Integration with SAP NW Identity Mgmt (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), as of SAP NetWeaver Identity Management 7.1, and as of SAP enhancement package 5 for SAP ERP 6.0, Industry Extension *Public Services* (IS-PS-CA 605), business function *FND, Integration with SAP NW IDM 7.1* (FND_IDM_1), a new integration scenario for SAP Student Lifecycle Management and SAP NetWeaver Identity Management is available.

You can now manage student users in SAP Student Lifecycle Management, using SAP NetWeaver Identity Management.

You can create identities for students in the Identity Management system. These identities can be used to create users for students in the SAP Student Lifecycle Management system and in the SAP portal. You can update, lock, and delete the student identities from the Student Lifecycle Management system.

From a single Identity Management system, you can manage student users and roles in multiple systems. You can also automate the change of roles of students based on various student attributes, such as their admission status, graduation status, and so on.

Effects on Existing Data

The SAP Student Lifecycle Management system must be connected to the Identity Management system, and you must run the initial load job in the Identity Management system. The initial load job creates identities for the existing student users from SAP Student Lifecycle Management.

When you request a user in the SAP Student Lifecycle Management system, an identity is requested in the Identity Management system. Based on the role assigned for the identity in Identity Management, a user maintained in transaction `SU01` with relevant user roles maintained in transaction `PFCG` is provisioned in the SAP Student Lifecycle Management system and portal roles with relevant `PCD` (portal) roles are provisioned in the portal system.

When you request a student user in SAP Student Lifecycle Management, the system requests a student identity in Identity Management and the users maintained in transaction `SU01` are not created at that

time. You trigger creation of SU01 users from the Identity Management system.

Note: We do not recommend maintenance of student users using SU01.

Effects on System Administration

You must provide the technical details about the RFC destination to connect the SAP Student Lifecycle Management system to the Identity Management system. Customers must activate the Identity Management integration.

See also

For more information, see the business function release notes for FND_IDM_1: FND, Integration with SAP NW Identity Mgmt (New)

For more information on SAP Netweaver Identity Management, see SAP Help Portal at help.sap.com -> *SAP NetWeaver* -> *SAP Netweaver Identity Management 7.0*

1.2.8.4 IDM_1: FND, SAP SRM Integration with SAP NW Identity Mgmt (New)

Use

Provisioning of Employees:

As of SAP enhancement package 1 for SAP Supplier Relationship Management 7.0 (SAP SRM 7.0) user management, user creation and role assignment can be performed automatically. SAP NW Identity Management provides the user account for a specific employee and the user account will automatically be assigned to this employee. Previously these processes had to be done manually by the system administrator.

Allowing automatic provisioning enables efficient and secure management of users and authorizations in SAP and non-SAP landscapes and increase administrative efficiency for IDM-related tasks, and help customers to fulfill legal requirements, security reviews, and audits.

IDM is optional for SRM processes.

User accounts can be provisioned as follows:

- Provisioning of user accounts for employees from the IDM system to the SAP SRM system in case that HCM is the data source for employees.

Provisioning of Contact Persons for Suppliers & Bidders

As of SAP enhancement package 1 for SAP Supplier Relationship Management 7.0 (SAP SRM 7.0), SAP enhancement package 1 for SAP SRM 7.0 you have the option to request user accounts for contact persons in SAP NW Identity Management. By assigning an IDM business role with SRM-specific PFCG roles the user account for the corresponding contact person is provided and the user account is automatically assigned to this contact person.

SRM provides external partner information to IDM using SRM Web Dynpro maintenance screens. External business partner information (contact person related information for bidder / supplier) is provided from the SAP SRM system to the IDM system by using SRM Web Dynpro maintenance screens. External business partner information is provided by sending a request for a user account from SAP SRM to IDM. IDM sends a user account to SRM and the user account is assigned to the corresponding business partner.

You can use SAP NetWeaver Identity Management as an access point for identities, which are not employees, but rather persons associated with external business partners of type "Bidder" and "Supplier", within the User Management and Organizational Management processes in SAP SRM.

1.2.9 CA-EPT-IBO Suite Inbox

1.2.9.1 Inbox (Enhanced)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the inbox has been enhanced with the following features:

- The inbox enables you to select multiple lines of the worklist and perform actions on all selected lines at once.
- You can customize whether the task details area should be displayed below the worklist or not.
- The inbox supports the execution of decision tasks to process a user decision. User decision is a step type of SAP Business Workflow. When choosing a decision task in the inbox, a popup displays all related decision options.
- You can customize the way in which the system refreshes the worklist after an action has been performed. The following possibilities are available:
 - **Refresh of complete list:** The system refreshes the complete worklist.
 - **Removal of work item from worklist:** When a work item has been processed, the system removes it immediately from the worklist. Note, however, that the work item can reappear in the worklist, for example, if an error occurs in the approval process or if the work item has not been completed.
 - **No Refresh:** The worklist is not refreshed after an action has been performed.

- In the personal object worklist (POWL), you can create a worklist for work items with a specific task ID. You do so by defining a query using the task ID as your selection criterion.

Effects on Customizing

The following Customizing activities are relevant in Customizing for *Cross-Application Components* under *Processes and Tools for Enterprise Applications* --> *Inbox*:

- Define Tasks and Actions
- Hide Task Details Area
- Assign Task IDs to POWL Types

1.2.10 CA-EPT-NAV Object Navigator

1.2.10.1 Object Navigator (enhanced)

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702)

1.3 CA-FS Financial Services

1.3.1 CA-FS-BP Business Partner Enhancements for Financial Service

1.3.1.1 PSM_GEN_BUDPER_2: Using Budget Period in HCM SOA Services

(New)

Use

If the PSM, Budget Period 2 (PSM_GEN_BUDPER_2) business function is activated, then the Budget Period element will become available in the following service operations:

- **Human Capital Master Data Management**
 - Cancel Accounting Coding Block Distribution Rule
 - Find Accounting Coding Block Distribution Rule By Employee
 - Create Accounting Coding Block Distribution Rule
 - Update Accounting Coding Block Distribution Rule
- **Time & Labor Management** (Employee Time Sheet)
 - Change Time Sheet
 - Complete Employee Time Sheet
 - Find Employee Time Sheet By Employee
 - Check Change Time Sheet
- **Time & Labor Management** (Employee Time)
 - Find Times For Employee Time Sheet By Elements
 - Read Employee Time By Employee
- **Time & Labor Management** (Employee Time Agreement)
 - Create Time Recording Completion Rule
 - Read Time Recording Completion Rule
- **Time & Labor Management** (Employee Time Sheet Configuration)
 - Read Employee Time Sheet Configuration

1.3.1.2 PSM_GEN_BUDPER_2: Business Function PSM, Budget Period 2 (new)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), business function *PSM, Budget Period 2* (PSM_GEN_BUDPER_2) is available.

Budget Period, a new account assignment element, is available in further functions. The budget period always exists in association with one or more funds.

For more information, see the following release notes:

- Financial and budgetary accounting using budget period in Travel Management
- Financial and budgetary accounting using budget period in HCM SOA
- Financial and budgetary accounting using budget period in Controlling (CO)

Note

The functions of this new business function are available if you are using SAP enhancement package 5 for SAP ERP 6.0.

See also

For more information, see SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Processes and Tools for Enterprise Applications (CA-EPT) -> Budget Period.*

1.3.2 CA-FS-ECH Error and Conflict Handler

1.3.2.1 Error and Conflict Handler (New)

Use

As of *SAP Business Suite Foundation 7.02 (SAP_BS_FND 702)*, the following new functions are available:

- You use your own settings to overwrite the settings for the standard business processes in FEH.
- You can define your own FEH business processes for the processes in Postprocessing Office.
- You can register for FEH-specific enterprise services.
- Usability and UI improvements for Payload Editor are available.

Effects on Customizing

Make the following settings in Customizing:

- Define Business Processes
- Define Business Processes for Postprocessing Office
- Assign Caller to a Business Process

See also

For more information, see SAP Library under *Error and Conflict Handler (CA-FS-ECH)*.

1.4 CA-GTF General Application Functions

1.4.1 CA-GTF-PCF People Centric UI Framework

1.4.1.1 FND_SMB_UIE: SAP BP for UI Enhancement

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *SAP BP for UI Enhancement* is available. With this business function, the following new functionality is provided for using and creating user interfaces for Best Practices with Web Dynpro ABAP:

- New CHIP categories for use within Page Builder
 - Dashboard CHIPS
A new CHIP category that enables the creation of CHIPS that display analytics dashboards
 - Lookup CHIPS
A new CHIP category that enables the creation of CHIPS for search fields that call transactions to show details of a specific item.
 - POWL CHIPS
A new CHIP category that enables the display of personal object worklist objects, allowing detailed analysis of a wide selection of data.

Alongside these new objects, a set of Best Practices scenarios are delivered as Page Builder pages. These are intended as templates to demonstrate how pages can be built using the Web Dynpro ABAP Page Builder together with the new functionality enabled by this business function.

See also

For more general information on working with Page Builder, and on creating pages, see the *SAP Library for SAP NetWeaver* under *Web Dynpro ABAP > Web Dynpro ABAP: Development in Detail > Advanced Concepts > Web Dynpro ABAP Page Builder*.

1.4.2 CA-GTF-VBZ Visual Business**1.4.2.1 FND_VISUAL_BUSINESS: Business Function Visual Business (New)****Use**

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *Visual Business (FND_VISUAL_BUSINESS)* is available. With this business function, you can take advantage of *SAP Visual Business* applications that visualize data from SAP and external data sources on a single screen. Visual Business applications not only combine different types of content, but also include interactive graphics that visualize and combine enterprise data with geographical or three-dimensional real-world scenes. SAP applications integrate Visual Business applications to depict their business processes visually.

You can use the business function to configure Visual Business applications. Once the applications are configured, they can be executed within the integrating applications.

Effects on System Administration*Authorization*

You use the following authorization object to control the authorizations for *SAP Visual Business*:

- *Visual Business Application VBC_APPL*
You can define various authorizations for a Visual Business application such as authorization for creating, changing, displaying or deleting as well as for administering an application.

SAP Visual Business uses two specific roles for which default authorizations are provided:

- Visual Business administrator
- Visual Business end user

Front-End Installation

To run *SAP Visual Business* you must install the front-end component of the solution on each client computer. You can download the front-end component from the *Downloads* area of the SAP Service Marketplace (<http://service.sap.com/support>) to your installation server and distribute it to the single

client computers.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Cross-Application Components* under *Processes and Tools for Enterprise Applications -> Visual Business*, in the following Customizing activities:

- Maintain Default Proxy Settings
- Assign Map Products to Visual Business Applications

See also

For general information on *SAP Visual Business* see:

SAP Library at <http://help.sap.com> -> *SAP Business Suite -> Processes and Tools for Enterprise Applications (CA-EPT) -> SAP Visual Business*

For more information about the business function *FND_VISUAL_BUSINESS* see:

SAP Library at <http://help.sap.com> -> *SAP Business Suite -> SAP Business Suite - Cross-Application Business Functions -> Business Functions (SAP Business Suite Foundation 7.02) -> Business Functions in SAP Business Suite -> FND, Visual Business*

1.5 CA-HR Cross-Application Objects in HR

1.5.1 HCM, Cross Analytics

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *HCM, Cross Analytics* is available for the Human Capital Management (HCM) area. This business function does not activate any functions, rather it is for information purposes only. You can use the new functions to which this business function refers to perform cross analyses and benchmarking for the HCM processes for *Personnel Administration* and *Talent Management*, for Compensation, and all of your employees' training activities.

Note

The complete BI Content functions on which this business function is based are only available if you implement SAP enhancement package 5 for SAP ERP 6.0, as well as SAP NetWeaver 7.0 BI Content Add-On 5 and Extension for SAP NetWeaver 7.02 BI Content Add-On. Additionally, you must have activated the following business functions:

- *HCM, Core Processes in Talent Management 02* (HCM_TMC_CI_2)
- *HCM, Enterprise Compensation Management 02* (HCM_ECM_CI_2)
- *HCM, Learning Solution 03* (HCM_LSO_CI_3)

For more information about these business functions, see the relevant release note and business function description.

You can use the tools of SAP NetWeaver Business Warehouse and the dashboards of SAP BusinessObjects Xcelsius Enterprise to analyze these processes:

- SAP NetWeaver Business Warehouse provides you with flexible reporting, analysis, and planning tools for data analysis and interpretation.
- Furthermore, Xcelsius dashboards enable you to display interactive analyses that are aesthetically pleasing and clear. The following dashboards are available for this purpose:
 - *Succession Planning Monitor* (0XC_TMC_MP01_D01)
 - *Talent Supply* (0XC_TMC_MP02_D01)
 - *Utilization of Talents* (0XC_TMC_MP01_D02)
 - *Human Capital Management Dashboard* (0XC_PA_C01_D01)
 - *Potential and Performance Analysis* (0XC_TMC_MP02_D02)
 - *Strengths and Risks in the Organization* (0XC_STRENGTHS_RISKS)
 - *Skills and Competencies* (0XC_SKILLS_COMPETENCIES)
 - *Learning Activities of Talents* (0XC_LSO_MP03_D01)
 - *Learning Activities of the Organization* (0XC_LSO_MP03_D02)
 - *Compensation Monitor* (0XC_COMPENSATION_MONITOR)

Note

To display the Xcelsius dashboards provided, you require version 9 of the Adobe Flash Player. Also note the license conditions for SAP BusinessObjects.

To create your own dashboards, you require SAP BusinessObjects Xcelsius Enterprise 2008 (SP03 FP1). Note the corresponding license terms here.

The following system prerequisites also apply to Xcelsius dashboards:

- SAP NetWeaver 7.0 including enhancement package 2 (SP04)
- SAP NetWeaver 7.0 BI Content Add-On 5
- Extension for SAP NetWeaver 7.02 BI Content Add-On 5

See also

SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages* -> *ERP Central Component Enhancement Package 5* -> *Business Functions* -> *Business Functions in SAP ERP* -> *Enterprise Business Functions* -> *Human*

Capital Management

SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages* -> *ERP Central Component Enhancement Package 5* -> *Processes and Tools for Enterprise Applications (CA-EPT)* -> *Embedded Analytics*

1.5.2 HCM_NWBC_ROLES: Business Function HCM, Roles for SAP NetWeaver Business Client (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *HCM, Roles for SAP NetWeaver Business Client* is available. This business function does not activate any functions, rather it is for information purposes only. However, the roles *Course Administrator* and *Instructor/Tutor* are an exception since you use this business function to activate them.

As of SAP enhancement package 5 for SAP ERP 6.0, you can use the following roles in SAP NetWeaver Business Client (NWBC):

- Recruiter
- Recruiting Administrator
- HR Administrator
- Talent Management Specialist
- Course Administrator
- Instructor/Tutor
- Manager Self-Service

These roles contain only applications and services that are also contained in the corresponding roles provided for SAP NetWeaver Portal. Note however, that the following roles provide less features than the corresponding portal role:

- Manager Self-Service
- Instructor/Tutor

For more information about the features of these roles, see the application documentation for the relevant role (see references under "See also").

Note

You have the new roles available only if you implement SAP enhancement package 5 for SAP ERP 6.0.

To use all of the features of the roles, depending on the required role, you must activate the following business functions:

- Recruiter: *HCM, SAP E-Recruiting 4* (HCM_ERC_CI_4)
- Recruiting Administrator: *HCM, SAP E-Recruiting 4* (HCM_ERC_CI_4)
- HR Administrator: *HCM, Administrative Services 03* (HCM_ASR_CI_3)

- Talent Management Specialist: *HCM, Core Processes in Talent Management* (HCM_TMC_CI_1)

Note

If in the role *Talent Management Specialist*, you want to use the enhancements that are available with the business function *HCM, Core Processes in Talent Management 02* (HCM_TMC_CI_2) (for example, launchpad with access to BI Content and other reports, enhancements, and usability improvements for the talent assessment and calibration grid), you must also activate this business function.

- Course Administrator: *HCM, Learning Solution 02* (HCM_LSO_CI_2)

Note

If you want to use the BI Content available in the launchpad in the *Course Administrator* role, you must also activate the business function *HCM, Learning Solution 03* (HCM_LSO_CI_3).

- Instructor/Tutor: *HCM, Learning Solution 02* (HCM_LSO_CI_2)
- Manager Self-Service:
 - For services from *E-Recruiting* (PA-ER): *HCM, SAP E-Recruiting 4* (HCM_ERC_CI_4)
 - For services from *HR Administrative Services* (PA-AS): *HCM, Administrative Services 03* (HCM_ASR_CI_3)
 - For services from *Talent Management* (PA-TM): *HCM, Core Processes in Talent Management* (HCM_TMC_CI_1)
 - For services from *SAP Learning Solution* (PE-LSO): *HCM, Learning Solution 02* (HCM_LSO_CI_2)
 - For services from *Enterprise Compensation Management* (PA-EC): *HCM, Enterprise Compensation Management 02* (HCM_ECM_CI_2)
 - For services from *Objective Setting and Appraisals* (PA-PD-PM): *CA, Appraisals, Evaluations, and Surveys 01* (CA_HAP_CI_1), *HCM, Performance Management 01* (HCM_OSA_CI_1), *HCM, Performance Management 02* (HCM_OSA_CI_2)
 - For services from *Personnel Cost Planning and Simulation* (PA-CP): *HCM, Personnel Cost Planning and Simulation* (HCM_HCP_CI_1)
 - For services for the administration of time and labor data: *HCM, ESS with Web Dynpro ABAP* (HCM_ESS_WDA_1)
 - For the graphical display in services with organizational charts: *HCM, PD UI Visualization 01* (HCM_PD_UL_1)

For more information about these business functions, see the relevant release note and business function description.

With SAP enhancement package 5 for SAP ERP 6.0, you can also use the *Employee Self-Service* role in SAP NetWeaver Business Client. For more information, see the release note and business function description for *HCM, ESS on Web Dynpro ABAP* (HCM_ESS_WDA_1).

The following roles use the inbox for work items, alerts, and notifications based on Web Dynpro for ABAP, which is available as of SAP Business Suite Foundation 7.01 SP06:

- Recruiter
- HR Administrator
- Manager Self-Service

For more information, see the release note Inbox (New).

Effects on Existing Data

The following new objects are provided for the business function:

Composite and Single Roles in Role Maintenance (Transaction PFCG)

A composite role is available for each role. The composite role comprises one or more single roles with the role menu and one or more single roles for authorization assignment. The single roles for authorization assignment are **not** generally new. The single roles that are also available for the authorizations for the relevant portal role are reused.

The following new and reused composite roles and single roles are available for the business function:

Software Component ERECRUIT 605

- Recruiter
 - Composite role: SAP_RCF_RECRUITER_ERC_CI_4 (new)
 - Single role for menu: SAP_RCF_RECRUITER_SR_ERC_CI_4 (new)
 - Single role for authorization assignment: SAP_RCF_RECRUITER_ERC_CI_2 (reused)
- Recruiting Administrator
 - Composite role: SAP_RCF_REC_ADMIN_ERC_CI_4 (new)
 - Single role for menu: SAP_RCF_REC_ADMIN_SR_ERC_CI_4 (new)
 - Single role for authorization assignment: SAP_RCF_REC_ADMIN_ERC_CI_2 (reused)

Software Component EA-HRGXX 605

- HR Administrator
 - Composite role: SAP_ASR_HRADMIN_HCM_CI_3 (new)
 - Single role for menu and authorization assignment: SAP_ASR_HRADMIN_SR_HCM_CI_3 (new)
- Talent Management Specialist
 - Composite role: SAP_TAL_MGMT_SPEC_TMC_CI_2 (new)
 - Single role for menu: SAP_TAL_MGMT_SPEC_SR_TMC_CI_2 (new)
 - Single role for authorization assignment: SAP_TMC_TALENT_MANA_SPECIALIST (reused)
- Course Administrator
 - Composite role: SAP_COURSEADMIN_LSO_CI_2 (new)
 - Single role for menu: SAP_COURSEADMIN_LSO_SR_CI_2 (new)

- Single role for authorization assignment: SAP_HR_LSO_TRAININGADMIN (reused)
- Instructor/Tutor
 - Composite role: SAP_INST_TUT_LSO_CI_1 (new)
 - Single role for menu: SAP_INST_TUT_LSO_SR_CI_1 (new)
 - Single role for authorization assignment: SAP_HR_LSO_INSTRUCTOR (reused)
- Manager Self-Service
 - Composite role: SAP_MANAGER_MSS_NWBC (new)
 - Single roles for menu: SAP_MANAGER_MSS_SR_NWBC, SAP_MANAGER_MSS_OTH_NWBC, SAP_TIME_MGR_XX_ESS_WDA_1 (new)
 - Single role for menu and authorization assignment: SAP_TIME_MGR_XX_ESS_WDA_1 (new)
 - Single roles for authorization assignment: SAP_ASR_MANAGER, SAP_HR_LSO_HR-MANAGER, SAP_HR_LSO_MANAGER, SAP_RCF_MANAGER, SAP_TMC_MANAGER (reused)

Business Objects

New business objects were created for the roles that use object-based navigation (OBN). These business objects each correspond to a business object that was used for object-based navigation within the portal roles. Object-based navigation is implemented for indirect navigation in SAP NetWeaver Business Client. This is a role-based navigation technology that is controlled using business objects from the Business Object Repository (BOR) and activities.

The following new business objects are available for the business function:

Software Component ERECRUIT 605

- Recruiter and Recruiting Administrator
 - *activity* (object type HRACTV_NAV)
 - *application_group* (object type HRAPPG_NAV)
 - *application* (object type HRAPPL_NAV)
 - *attachment* (object type HRATCH_NAV)
 - *candidate* (object type HRCAND_NAV)
 - *candidacy* (object type HRCDCY_NAV)
 - *HRREC_WL* (object type HRREC_WL)
 - *job* (object type HRJOB_NAV)
 - *organizationalunit* (object type HRORGU_NAV)
 - *position* (object type HRPOSI_NAV)
 - *posting* (object type HRPOST_NAV)
 - *process_template* (object type HRPROC_NAV)
 - *publication* (object type HRPUBL_NAV)

- *questionnaire* (object type HRQSNR_NAV)
- *requisition* (object type HRREQU_NAV)
- *support_group* (object type HRSUPG_NAV)
- *talent_group* (object type HRTALG_NAV)

Software Component EA-HRGXX 605

- Talent Management Specialist
 - *talentReviewMeeting* (object type HRTRM_NAV)
- Course Administrator and Instructor/Tutor
 - *course_group* (object type HRCGRP_NAV)
 - *correspondence* (object type HRCORR_NAV)
 - *course* (object type HRCOUR_NAV)
 - *course_type* (object type HRCTYP_NAV)
 - *participant* (object type HRPART_NAV)
 - *room* (object type HRROOM_NAV)
- Manager Self-Service
 - *MANAGERWORKLIST* (object type MSS_WL)

Note

The roles of this business function also use the business object *employee* (object type HREMP_NAV) that is provided as part of Employee Self-Service. For more information, see the release note for the business function *HCM, ESS on Web Dynpro ABAP* (HCM_ESS_WDA_1).

Effects on Customizing

In the standard SAP system, an entry for object-based navigation is defined for each role in Launchpad Customizing (transaction LPD_CUST). The entries are as follows:

<u>Role Name</u>	<u>Role</u>	<u>Instance</u>
Recruiter	ERC	OBN_NAVIGATION
Recruiting Administrator	ERC	OBN_NAVIGATION
HR Administrator	HRADM_NAV	OBN
Talent Management Specialist	HRTMS_NAV	OBN
Course Administrator	HRCNA_NAV	OBN
Instructor/Tutor	HRIT_NAV	OBN
Manager Self-Service	MSS	NAV

Note

A further entry with a different instance is additionally defined for the roles that contain the launchpad and use it to call reports or BI Content, for example. These are the same entries that are also used for the launchpad within the relevant portal role.

Transaction LPD_CUST is in Customizing for the application:

- Recruiter and Recruiting Administrator: Customizing for *SAP E-Recruiting*
- HR Administrator: Customizing for *Personnel Management -> HR Administrative Services*
- Talent Management Specialist: Customizing for *Talent Management and Talent Development*
- Course Administrator and Instructor/Tutor: Customizing for *Training and Event Management -> SAP Learning Solution*
- Manager Self-Service: Customizing for *Personnel Management -> Manager Self-Service*

Otherwise, the services of the new roles use the same Customizing entries as the corresponding portal roles. For more information about the Customizing settings required for each role, see the application documentation (see references under "See also").

See also

Business Function Descriptions

SAP Library for SAP ERP under *SAP Business Suite*

- -> *SAP Business Suite - Cross-Application Business Functions -> Business Functions (SAP Business Suite Foundation 7.02) -> Business Functions for SAP ERP in SAP Business Suite Foundation*
- -> *SAP ERP -> Business Functions (SAP Enhancement Package 5 for SAP ERP 6.0) -> Enterprise Business Functions -> Human Capital Management*

Application Documentation

SAP Library for SAP ERP under *SAP Business Suite -> SAP ERP -> Cross-Application Functions in SAP ERP -> Roles -> Roles in SAP NetWeaver Business Client*

1.6 CA-MDG Master Data Governance

1.6.1 CA-MDG-AF Application Framework

1.6.1.1 MDG_FOUNDATION: Authorizations (New)

Use

As of *SAP Business Suite Foundation 7.02* (SAP_BS_FND 702), the following features are available:

Authorization Groups

The following is now available for customizing Master Data Governance:

- **USMA**
Authorization group related to the views for managing authorizations
- **USMD**
Authorization group for all other, not authorization-relevant views

Authorization Objects

The following new features are available:

- **USMD_UI2** for single processing
For entity types with storage and use type *1*, use this authorization object only. For single processing, it replaces the authorization object **USMD_UI** previously used in *Financial Master Data Management*.
- **USMD_MDAT** for processing master data
You can use this authorization object to grant authorizations for entity types with the storage and use type *4*.
- **USMD_MDATH** for processing hierarchies
In addition to the authorizations for main nodes of a hierarchy, you now can also grant authorizations for subtrees of the hierarchy.

Effects on Customizing

You configure this function in Customizing for *Data Modeling*. For more information, see the Implementation Guide under *Cross-Application Components -> Processes and Tools for Enterprise Applications -> General Settings -> Master Data Governance -> Data Modeling -> Define Authorization Relevance per Entity Type* .

1.6.1.2 MDG_FOUNDATION: Master Data Change Process (New)

Use

As of *SAP Business Suite Foundation 7.02* (SAP_BS_FND 702), the change process for master data offers the following features:

- Change request with temporary persistence in the staging area and approval
All master data changes are assigned to a change request and are linked to an approval. The system activates master data changes only after the change request is approved.
- Rule-based workflow
You can control workflows using rules. These rules use either the method of a Business Add-In (BAI) or a business rule of Business Rule Framework plus (BRFplus).

- Collective processing and hierarchy maintenance
You can perform mass processing for master data changes. You can simultaneously change multiple master data entities (for example, suppliers), or you can change the hierarchy arrangement of master data entities when you go to the hierarchy view. You can manage hierarchy versions.
- Evaluation
You can evaluate change requests for master data records according to various criteria (for example, based on a specific period or status).

1.6.1.3 MDG_FOUNDATION: Data Model and UI Configuration (New)

Use

As of *SAP Business Suite Foundation 7.02* (SAP_BS_FND 702), the following modeling features are available for data models and the user interface:

Configuring the Data Model

SAP delivers different data models for *Financials* and for the business objects *Supplier* and *Material*. You can modify these data models and, for example, configure business object types for these data models. You also can create your own data models. Furthermore, you can create a hierarchy per entity type (for example, for hierarchical evaluations of a financial statement version). For the data model, you can define whether it should use a reuse active area.

Configuring the User Interface

You can tailor to your requirements all user interfaces of **Single Processing** that SAP delivers for the master data entities. To do this, you use the Customizing activity UI Configuration. This is implemented as a Web Dynpro application. UI configurations offer comprehensive options for designing the layout, such as a screen layout with two columns. The UI configuration replaces the UI model previously used in *Financial Master Data Management*.

Effects on Customizing

UI Modeling

In Customizing for Master Data Governance, you can customize the following settings for this function under *General Settings* -> *UI Modeling*:

- Edit UI Configuration
- BAoI: Adjust User Interface for Single Processing

Data Modeling

In Customizing for Master Data Governance, you must customize the following settings for this function under *General Settings* -> *Data Modeling*:

- Edit Data Model
- Define Prefixes for Internal Key Assignment
- Create Authorizations for Data Model

See also

For more information, see the Application Help documentation under:

- Data Modeling
- Managing of UI Configurations

1.6.2 CA-MDG-DRF Data Replication Framework

1.6.2.1 CA_MDG_DRF: Data Replication Framework (New)

Use

As of Business Suite Foundation 7.02 (SAP_BS_FND_702), the Data Replication Framework (DRF) supports the replication of master data in a corporate environment.

The following features are available:

- Replication
Use replication models that define the data to be replicated. Complete full replication or delta replication either on-demand or at a scheduled time.
- Filtering
Manage data replication policies by creating and testing filters.
- Monitoring
Use a replication interface to verify that replication processes have worked.
- Data Integrity
You can implement key mapping and value mapping within the DRF to guarantee data integrity.
- Communication Channels

Use SOA, iDOC, and RFC.

For supplier master data the data replication framework uses the below mentioned mediums of communication, depending on the client system:

<u>Client system</u>	<u>Medium of communication</u>
ERP <= 4.0	IDoc CREMAS
ERP > 4.0 and <= 4.6C	IDoc CREMAS and ADRMAS
ERP >= 6.0 and < 6.05 customer)	IDoc CREMAS and ADRMAS (standard ERP IDoc CREMDM (Initial Load) IDoc BUPA_INBOUND_MAIN_SAVE and BUPA_INBOUND_REL_SAVE (Industry customer e.g., Fin Serv.)
ERP 6.05 and higher	Services BusinessPartnerSuiteReplicateRequest, BusinessPartnerRelationshipSuiteReplicateRequest IDoc BUPA_INBOUND_MAIN_SAVE and
SRM < 7.02 BUPA_INBOUND_REL_SAVE	Services BusinessPartnerReplicateRequest, BusinessPartnerRelationshipSuiteReplicateRequest
SRM >07.02	Services BusinessPartnerSuiteReplicateRequest, BusinessPartnerRelationshipSuiteReplicateRequest
Non-SAP	Services BusinessPartnerSuiteReplicateRequest, BusinessPartnerRelationshipSuiteReplicateRequest

Effects on Customizing

You make the Customizing settings for this function in *Customizing* for Master Data Governance under *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Data Replication*.

1.6.3 CA-MDG-DQ Data Quality

1.6.3.1 MDG_FOUNDATION: Enhancing Master Data Quality (New)

Use

As of *Business Suite Foundation 7.02* (SAP_BS_FND_702), the following features are available for the roles *Master Data User* and *Master Data Specialist* to increase the overall quality of master data records.

Automatic and Manual Check for Duplicates

You can check whether specific master data records or master data details already exist in the system. The system automatically executes a duplicate check in the following situations:

- When a new data record is created
- When an existing data record is changed

You can also manually check for duplicates in the system before a master data record is created or changed.

Address Validation and Enrichment

The optional integration with SAP BusinessObjects Data Quality Management enables you to not only check entered addresses for validity against, for example, postal address directories, but also guides you to a complete and well-formatted address. Alternatively, partner solutions can be integrated in case specific requirements need to be covered.

Exact and Error-Tolerant Search

The system provides you with the following search options for finding specific master data records:

- An exact search based on exact values or value ranges.
- A fuzzy search that takes misspelled or similar values into account.

Effects on System Administration

In the Administration Cockpit (transaction ESH_COCKPIT) you have to create a search object connector for the corresponding business object and configure it for indexing.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Master Data Governance, Data Quality* (CA-MDG-DQ):

SAP Customizing Implementation Guide -> Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Data Quality and Search:

- Configure Duplicate Check for Entity Types
- Create Search Object Connector Template
- Assign Search Object Connector Templates to Object Types
- BAdI: Search for Data in Reuse Active Area
- BAdI: Access to Data in Reuse Active Area for Search Indexing

1.6.4 CA-MDG-KM Key Mapping

1.6.4.1 CA_MDG_KM: Key Mapping (New)

Use

As of Business Suite Foundation 7.02 (SAP_BS_FND_702) you can use key mapping.

You use key mapping to link the identifying keys of object instances that represent identical objects in different systems. You can also maintain one or more keys in each system.

If within a given business process, object instances representing the same object must have different keys in different systems, you need to implement key mapping in addition to some kind of replication mechanism.

It is possible to create multiple system copies for key mapping.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Master Data Governance* under *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Key Mapping*.

1.6.5 CA-MDG-ML Mass Load

1.6.5.1 MDG_FOUNDATION: Mass Data Load (New)

Use

As of SAP Business Foundation 7.02 (SAP_BS_FND 702), you can use the mass data load to upload master data from decentralized systems into a master data governance hub. The mass data load allows you to convert data into the required format for enterprise services according to the message types defined in ESR.

Effects on Customizing

Define File Converter Type

BAdI: Filter-dependent BAdI to realize file converter

1.6.6 CA-MDG-RIF Replication Interface Framework

1.6.6.1 CA_SUPPLIER_SOA: Business Foundation for Services for Supplier (new)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *Business Foundation for Services for Supplier* (CA_SUPPLIER_SOA) is available.

If *Business Foundation for Services for Supplier* is activated, the BAdIs mentioned below are offered to implement a customer specific mapping to override the standard mapping of the listed services.

Effects on Customizing

Set up Business Partner

Activate/Deactivate Business Partner Function Modules for Replication

BAdI: Business Partner Replication Request Inbound

BAdI: Business Partner Replication Request Outbound

BAdI: Business Partner Replication Confirmation Inbound

BAdI: BP Relationships Replication Request Inbound

BAdI: BP Relationships Replication Request Outbound

BAdI: BP Relationships Replication Confirmation Inbound

1.6.6.2 MDG_FOUNDATION: Master Data Governance, Generic Functions (New)

Use

As of *SAP Business Suite Foundation 7.02* (SAP_BS_FND 702), the business function *Master Data Governance, Generic Functions* (MDG_FOUNDATION) is available. Using this business function, you can use the following basic functions:

- Central management of master data throughout your entire group

- Safeguarding of data quality
- Replication of master data to target systems
- Transparency of master data changes

For more information, see the following release notes:

- MDG_FOUNDATION: Master Data Change Process (New)
- MDG_FOUNDATION: Authorizations
- MDG_FOUNDATION: Data Model and UI Configuration
- MDG_FOUNDATION: Mass Data Load
- MDG_FOUNDATION: Data Replication Framework
- MDG_FOUNDATION: Key Mapping.
- MDG_FOUNDATION: Value Mapping
- MDG_FOUNDATION: Replication Interface Framework
- MDG_FOUNDATION: Enhancing Master Data Quality

Effects on Existing Data

See also

SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> SAP Business Suite -> SAP Business Suite - Cross-Application Business Functions -> Business Functions (SAP Business Suite Foundation 7.02) -> Business Functions in SAP Business Suite Foundation -> Business Functions in SAP Business Suite -> Master Data Governance, Generic Functions*

1.6.6.3 MDG_FOUNDATION: Replication Interface Framework (New)

Use

As of *SAP Business Foundation 7.02* (SAP_BS_FND 702), you can use Replication Interface Framework to generate interfaces for replicating your master data.

You can use Replication Interface Framework to create outbound interface models that contain entity types and attributes from data models that you want to replicate from the Master Data Governance hub to one or more target systems. Replication Interface Framework then generates the interfaces (RFC) that are used to replicate the data.

You can use Replication Interface Framework to:

- Create new outbound interface models

- Display existing outbound interface models
- Display a list of all the outbound implementations where an interface model is used
- Delete outbound interface models

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Master Data Governance, Replication Interface Framework (CA-MDG-RIF)*:

SAP Customizing Implementation Guide -> Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Data Replication:

Define Custom Settings for Data Replication

- Define Replication Models

Enhance Default Settings for Outbound Implementations:

- Define Filter Objects
- *Assign Filter Objects to Business Objects*
- Define Outbound Interface Models
- Define Outbound Implementations

1.6.7 CA-MDG-VM Value Mapping

1.6.7.1 CA_MDG_VM: Value Mapping (New)

Use

As of Business Suite Foundation 7.02 (SAP_BS_FND_702), Value Mapping supports the assignment of IDs belonging to objects defined in Customizing (such as countries) to external code lists (for example, ISO code lists). Value mapping is necessary in system landscapes in which the IDs of such objects differ. We recommend using a central code list for each object type across the entire system landscape to reduce the number of value assignments.

Value mapping supports:

- Maintenance of a code-mapping for a particular Global Data Type (GDT)
- Application-specific implementations, for example value mapping of Supplier data

The value mapping framework provides an API to read the value mapping values during the inbound and outbound processing of data replication services.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Master Data Governance* under *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Master Data Governance -> General Settings -> Value Mapping*.

1.7 CA-MOB Mobile Business Management

1.7.1 CA-MOB-MIB Mobile Productivity Applications

1.7.1.1 FND_MOBILEINBOX_WF_1: BF FND, Workflow & Alert (Mobile) (New)

Use

As of Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *FND, Workflow & Alert (Mobile)* is available. With this business function, users can react to workflow and alert messages by performing the required activities directly from their smartphones.

The following functions are supported:

- **SAP Business Workflow**
Using this function, users can manage requests for approval from SAP Business Workflow on their mobile devices. They can do the following:
 - Approve or reject workflow items
 - Receive notifications of missed workflow-related deadlines
- **Alerts**
Using this function, users can receive alerts from SAP Alert Management on their mobile devices. They can do the following:
 - Display alert messages
 - Set alert messages to status "complete"

Prerequisite

You need to make the appropriate settings regarding roles and authorizations.

Effects on Customizing

The following activities are available for this function:

- Add comment to workflow item
- Get comment for workflow item

1.8 CA-SOA Enterprise SOA

1.8.1 FND_SOA_REUSE_1: Asynch. Point-to-Point Communication (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), you can trigger asynchronous enterprise services through the Web service protocol without using a mediator (such as SAP NetWeaver Process Integration). To do this, you need to use additional features that are provided by the reusable components of SAP Business Suite:

- The **Response Receiver Correlation Manager** enables you to register an incoming request or query. This registration can be picked up in the corresponding confirmation or response message to control how the response message is routed.
- **In-application sequencing** ensures that incoming messages are processed in the correct sequence at application level. Whenever a missing message is detected for a new message, the new message is put into a waiting queue until the missing message arrives.
- Many point-to-point enabled enterprise services are assigned to service groups. You can use this group definition to configure the services in the SOA Manager (transaction SOAMANAGER). A new wrapper class for outgoing service calls bundles the logical ports generated through this group configuration.

Effects on Customizing

You make the Customizing settings for this function in Customizing for *Cross Application Components ->Processes and Tools for Enterprise Applications ->Enterprise Services ->Point-to-Point Enablement for Asynchronous Enterprise Services*.

- In the Customizing activity *Activate Support f. Response Receiver Correlation and In-Application Sequencing* you activate support for these features at client level.
- In the Customizing activity *Define Background RFC (bgRFC) Settings for In-Application Sequencing* you make the necessary settings for background remote function calls (bgRFC).

In addition, you need to set up an endpoint for a point-to-point enabled asynchronous enterprise service. In another client of your ABAP system, you must also set up the corresponding logical port. You can make these settings using transaction SOAMANAGER.

See also

SAP Library for SAP NetWeaver on SAP Help Portal at <http://help.sap.com/netweaver> -> *SAP NetWeaver 7.0 (2004s)* -> *SAP NetWeaver 7.0 including Enhancement Package 2*. Search for *Working with the SOA Manager*.

1.8.2 FND_SOA_REUSE_1: Business Function SOA Reuse Functions (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the business function *Improvements for SOA Reuse Functions* is available. With this business function, you can use the following cross-application tool improvements that facilitate the use of services:

- *SOA Mapping Tool*
 - Configurable mapping of external data descriptions to internal data descriptions
 - Improved configuration user interface
 - Where-used list
- *Error Handling*
 - Configurable error categories
 - New functions in the Error and Conflict Handler
- *Point-to-Point Enablement for Asynchronous Enterprise Services*
 - Support of asynchronous point-to-point communication

For more information, see the following release notes:

- FND_SOA_REUSE_1: SOA Mapping Tool (New)
- FND_SOA_REUSE_1: Error Categorizer (New)
- FND_SOA_REUSE_1: Error and Conflict Handler (New)
- FND_SOA_REUSE_1: Asynchronous Point-to-Point Communication (New)

See also

SAP Library for SAP ERP on *SAP Help Portal* at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Business Functions (SAP Enhancement Package 5 for SAP ERP 6.0) -> Business Functions in SAP Business Suite Foundation -> Business Functions in SAP Business Suite -> FND_SOA_REUSE_1: Improvements for SOA Reuse Functions.*

1.8.3 FND_SOA_REUSE_1: Error Categorizer (New)**Use**

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), the *Error Categorizer* is available.

This function is available if you are using SAP Enhancement Package 5 for SAP ERP 6.0.

With the Error Categorizer, you can categorize error messages that were displayed during the processing of service operations. This enables you to override the existing fixed assignment of error categories to error messages.

In the enhancement spot ES_BS_SOA_ERR_CAT, the Business Add-In (BAI) BSSOA_ERR_CAT_BADI is available. You can use this to change the results determined by the Error Categorizer.

Effects on Existing Data

The error categorizer has no effect on existing data.

Effects on Data Transfer

The error categorizer has no effect on the data transfer.

Effects on System Administration

The error categorizer has no effect on the system administration.

Effects on Customizing

You can make the customizing settings for this function in Customizing for Cross-Application Components under:

Processes and Tools for Enterprise Applications -> Enterprise Services -> Error Categorizer -> Synchronous Services Using the Error Categorizer

Processes and Tools for Enterprise Applications -> Enterprise Services -> Error Categorizer -> Assign Error Categories to Messages

Processes and Tools for Enterprise Applications -> Enterprise Services -> Error Categorizer -> Assign Priority to Error Category

Processes and Tools for Enterprise Applications -> Enterprise Services -> Error Categorizer -> Assign Message Category Groups to Services

Processes and Tools for Enterprise Applications -> Enterprise Services -> Error Categorizer -> Assign Priority to Error Category per Service

Processes and Tools for Enterprise Applications -> Enterprise Services -> Error Categorizer -> BAdI: Change of Detected Error Category

See also

Release Information FND_SOA_REUSE_1: Business Function SOA Reuse Functions (New)

1.8.4 CA-SOA-SMT Service Mapping Tool

1.8.4.1 FND_SOA_REUSE_1: Service Mapping Tool (New)

Use

As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702) you can use the following features which have been added to the configuration component:

- an external representation of a corresponding ABAP structure originating from a service interface (generated proxy structure) can now be displayed on the configuration user interface
- the tree display of a structure (source or target) in the configuration user interface can be alphabetically sorted by field name
- the assignment of a source field to the corresponding target field can be done by dragging and dropping within the configuration user interface
- a report is provided delivering a where-used list of the relevant configuration entities (such as Condition, Transformation, Conversion and Field-Check Class) for a given package group.

Effects on Customizing

You make the Customizing settings for this function in Customizing for SMT in *Cross-Application Components -> Processes and Tools for Enterprise Applications -> Enterprise Services -> Develop Enterprise Services -> Create and Edit Mappings*.

See also

SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Processes and Tools for Enterprise Applications -> Mappings for Enterprise Services.*

SAP Library for SAP ERP on SAP Help Portal at <http://help.sap.com/erp> -> *SAP ERP Enhancement Packages -> ERP Central Component Enhancement Package 5 -> Business Functions (SAP Enhancement Package 5 for SAP ERP 6.0) -> Business Functions in SAP Business Suite Foundation -> FND_SOA_REUSE_1: Improvements for SOA Reuse Functions.*

2 SCM Supply Chain Management

2.1 FND_IDM_1: SAP SNC Integration with SAP NW Identity Mgmt (New)

Use

In SAP Supply Network Collaboration (SAP SNC) 7.0 and in SAP enhancement package 1 for SAP NetWeaver 7.0 with a licensed SAP NetWeaver Identity Management 7.0, you were able to create users and assign authorizations centrally in a dedicated SAP NetWeaver Identity Management system. As of SAP Business Suite Foundation 7.02 (SAP_BS_FND 702), as of SAP NetWeaver Identity Management 7.1, and as of SAP enhancement package 1 for SAP SNC 7.0, business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), a new integration scenario with SAP SNC and SAP NetWeaver Identity Management is available. It is now possible to create or change a user in SAP SNC first and then distribute the user across a system landscape through SAP NetWeaver Identity Management.

The integration of SAP SNC with SAP NetWeaver Identity Management 7.1 allows you to perform a stricter governance, risk, and compliance management than before, for example:

- Authorization requests can be validated in a central system.
- In critical cases, SAP NetWeaver Identity Management can trigger workflows before it grants authorizations automatically.

With the integration of SAP SNC with SAP NetWeaver Identity Management 7.1, the following activities of a user administrator in partner user management for SAP SNC can be transferred as requests to SAP NetWeaver Identity Management:

- Create user account
- Change user account
- Lock user account
- Unlock user account
- Change role assignment (with roles created in the *Role Maintenance* (PFCG) transaction)
- Reset password

SAP NetWeaver Identity Management then executes the requests and distributes the new or changed data to SAP SNC and other systems of the system landscape.

See also

For more information, see the following documentation:

- Release note *SCM_SNC_GEN_1: User Administration (Enhanced)* in SAP Enhancement Package 1 for SAP SNC 7.0
- SAP Library for SAP Enhancement Package 1 for SAP Supply Network Collaboration 7.0 on SAP Help Portal at <http://help.sap.com> under *Processes and Tools for Enterprise Applications (CA-EPT) -> User Management and Distribution with SAP NetWeaver Identity Management -> Identity Management for SAP Supply Network Collaboration*

2.2 SCM-BAS SCM Basis

2.2.1 SCM-BAS-MD Master Data

2.2.1.1 SCM_APO_DP_SNP_CTM: Freely-Definable Attributes for Planning-Version-Dependent Location Products (New)

Use

As of SAP enhancement package 1 for SAP Supply Chain Management (SAP SCM) 7.0, you can maintain freely-definable attributes for planning version-dependent location products.

Effects on Customizing

To maintain freely-definable attributes for planning-version-dependent location products, in Customizing for *SCM Basis*, choose *Master Data -> Maintain Freely-Definable Attributes*.

2.2.1.2 SCM_SCMB_TM_FND1: Foundation of External Transportation Management System

Use

As of SAP enhancement package 1 for SAP SCM Basis 7.0, the business function Foundation of External Transportation Management System is available. Previously, you could transfer customer and vendor header level data, for example the address, from an ERP system to the business partner in SCM Basis of a SAP Supply Chain Management (SAP SCM) system using the core interface (CIF). However, many scenarios, for example those of an external transportation management (TM) system, use organization-specific customer data definitions from the ERP system, such as company- or sales-organization-specific partner settings and priorities, that are not transferred using CIF. You can use the business function to transfer specific attributes of customer and vendor data from an ERP system to a

business partner in SCM Basis using CIF. You can use the customer and vendor data as follows:

- If you have manually created an organizational structure in SCM Basis, you can use the customer and vendor data to maintain a company organization that corresponds to the company code in an ERP system and is used by, for example, Transportation Charge Management for invoicing and charge calculation. You can also, for example, create a corporate organization that groups all company organizations.
- You can maintain specific attributes of the customer and supplier in the business partner master.

Furthermore, the SCM Basis location master has been extended to maintain international address versions.

For more information, see the following release notes:

- Business Partner
- International Address Versions

See also

SAP Library for SCM Basis on SAP Help Portal at <http://help.sap.com> under *SAP Supply Chain Management -> Business Functions (SAP Enhancement Package 1 for SAP SCM 7.0) -> Business Functions in SAP SCM -> Business Functions in SAP SCM Basis -> Foundation of External Transportation Management System*.

2.2.1.3 SCM-BAS-MD-LO Location

2.2.1.3.1 SCM_SCMB_TM_FND1: Business Partner (Enhanced)

Use

Previously, you could transfer customer and vendor header level data, such as the address, from an ERP system to SCM Basis using the core interface (CIF). As of enhancement package 1 for SAP Supply Chain Management (SAP SCM), the following new features are available:

- You can create organizational structures in SCM Basis that you can use in the HR Organization and Staffing Tool of an external Transportation Management system, for example to maintain company organizations.
- You can transfer specific attributes of customer and vendor data from an ERP system to a business partner in SCM Basis using CIF.

Effects on Existing Data

The following new tab pages have been added to the business partner master (transaction BP) for the customer business partner roles *Sold-to-Party* (CRM000) and *Ship-To-Party* (CRM002):

- *Customer Data*
- *Customer Company Organizational Data*
- *Customer Organizational Data*
- *Customer Partner Functions*

The following new tab pages have been added to the business partner master (transaction BP) for the vendor business partner roles *Vendor* (BBP000) and *Carrier* (CRM010):

- *Vendor Data*
- *Vendor Company Organizational Data*
- *Vendor Organizational Data*
- *Vendor Partner Functions*

Effects on Customizing

You make settings in the following activities in Customizing for *SCM Basis* under *Master Data* -> *Business Partner* to validate field entries when maintaining business partner data:

- Define Transportation Service Level Codes
- Map ERP Shipping Conditions to Transp. Serv. Level Codes
- Define Industry Keys
- Define Terms of Payment
- Define Customer Account Groups
- Define Vendor Account Groups
- Define Business Partner Functions
- Define Delivery Priorities

2.2.1.3.2 SCM_SCMB_TM_FND1: International Address Versions (New)

Use

As of enhancement package 1 for SAP Supply Chain Management (SAP SCM), you can use international address versions for location addresses. If the customer and vendor have international address versions maintained in the SAP ERP system, the international address versions are automatically transferred with the customer and vendor data from the SAP ERP system to SCM Basis using CIF.

Effects on Existing Data

On the *Address* tab page of the location master (transaction /SAPAPO/LOC3), the *International Versions* pushbutton is now displayed to show the international address versions of the address.

Effects on Customizing

You have activated the international versions of the address that you want to use in Customizing for *SAP NetWeaver* under *Application Server -> Basis Services -> Address Management -> International Settings -> Activate International Address Versions*.

2.2.1.3.3 SCM_SCMB_TR_NETWORK: Geocoding (Enhanced)

Use

Previously, in the standard system you could only connect to the geo-service provider PTV eServer geocoding program delivered with SAP Supply Chain Management to determine geocoordinates. Only one set of geocoordinates was available for a location. As of enhancement package 1 for SAP Supply Chain Management (SAP SCM), the following enhancements are available for geocoding:

- You can create your own geocoding strategies using the process controller framework to connect to different geo-service providers. This allows you to use various strategies for geocoding that suit your needs.
- You can define geocoding levels that allow you to store geocoordinates for the address of a location on different levels of detail, for example by house number, postal code, or region. Having different levels of detail for the geocoordinates of a location, allows you to improve the performance of the distance and duration determination between locations.

Effects on System Administration

You use the *Mass Geocoding* report to determine geocoordinates for multiple locations. You use the *Delete Obsolete Geocoordinates* report to delete geocoordinates that have become obsolete as a consequence of geocoding levels that have been deleted in the system. To run scheduled jobs for these reports, you can use the *Mass Geocoding in Batch* and *Delete Obsolete Geocoordinates in Batch* reports.

You can access these reports on the *SAP Easy Access* screen for *SCM Basis* under *Master Data -> Location -> Geocoding*.

Effects on Customizing

You have defined geocoding levels and assigned geocoding strategies to them. You define geocoding levels in Customizing for *SCM Basis* under *Master Data -> Location -> Geocoding -> Define Geocoding Levels*.

To create strategies for geocoding different from the strategies in the standard system, you can use the process controller. For more information, see the Customizing activity *Configure Process Controller for Geocoding*.

See also

For more information, see SAP Library for SAP Supply Chain Management on SAP Help Portal at <http://help.sap.com> under *SCM Basis -> Master Data -> Location -> Geocoding*.

2.2.1.3.4 SCM_SCMB_TR_NETWORK: Enhanced Services for Transportation Network**Use**

As of SAP enhancement package 1 for SAP SCM Basis 7.0, the business function Enhanced Services for Transportation Network is available. With this business function, you can improve the geographical services used in Transportation Network for SAP Supply Chain Management (SAP SCM).

Accurate geographical data can help to improve the quality of many features in SAP SCM applications, such as determining geocoordinates for locations, determining distances and durations between locations, and so on. The following functions have been enhanced and improved:

- Geocoding
- Distance and duration determination

For more information, see the following release notes:

- Geocoding
- Distance and Duration Determination

See also

SAP Library for SCM Basis on SAP Help Portal at <http://help.sap.com> under *SAP Supply Chain Management -> Business Functions (SAP Enhancement Package 1 for SAP SCM 7.0) -> Business Functions in SAP SCM -> Business Functions in SAP SCM Basis -> Enhanced Services for Transportation Network*.

2.2.1.4 SCM-BAS-MD-TL Transportation Lanes, TDL Profile and Planning Cost**2.2.1.4.1 SCM_SCMB_TR_NETWORK: Distance and Duration Determination (Enhanced)****Use**

As of enhancement package 1 for SAP Supply Chain Management (SAP SCM), the following enhancements are available for the distance and duration determination (DDD):

- You can fill the DDD buffer more efficiently and delete buffered distances and durations from the DDD buffer.
- You can use the process controller to create strategies for the DDD. For more information, see the Customizing activity Configure Process Controller for Geocoding.

Effects on System Administration

To precalculate distances and duration for the DDD buffer, you can use the *Precalculation of Distance and Duration Determination* report. To delete obsolete entries from the DDD buffer, you can use the *Deletion of Buffered Distances and Durations* report. To run scheduled jobs for these reports, you can use the *Precalculation of Distance and Duration Determination in Batch* and the *Deletion of Buffered Distances and Durations in Batch* reports.

You can access these reports on the *SAP Easy Access* screen for *SCM Basis* under *Master Data -> Transportation Lane -> Distance and Duration Determination*.

Effects on Customizing

To use the enhanced distance and duration determination, you have made the following settings:

- You have defined a GIS zone that groups together a set of countries that the GIS provider specializes in. The GIS zone is necessary for defining DDD strategies. To define the GIS zone, use the Customizing activity Define GIS Zone.
- You have assigned countries to GIS zones. To assign countries to GIS zones, use the Customizing activity Assign Country to GIS Zone.
- You have defined DDD strategies for a more precise determination of distances and durations. To define DDD strategies, use the Customizing activity Define Strategy for Distance and Duration Determination.
- You have made global settings for the buffering of the distance and duration determination. To make the settings, use the Customizing activity Maintain Global Settings for Buffering of DDD.

See also

For more information, see SAP Library for SAP Supply Chain Management on SAP Help Portal at <http://help.sap.com> under *SCM Basis -> Master Data -> Transportation Lane -> Distance and Duration Determination*.

2.2.1.4.2 SCM_SCMB_TR_NETWORK: Enhanced Services for Transportation Network

Use

As of SAP enhancement package 1 for SAP SCM Basis 7.0, the business function Enhanced Services for

Transportation Network is available. With this business function, you can improve the geographical services used in Transportation Network for SAP Supply Chain Management (SAP SCM).

Accurate geographical data can help to improve the quality of many features in SAP SCM applications, such as determining geocoordinates for locations, determining distances and durations between locations, and so on. The following functions have been enhanced and improved:

- Geocoding
- Distance and duration determination

For more information, see the following release notes:

- Geocoding
- Distance and Duration Determination

See also

SAP Library for SCM Basis on SAP Help Portal at <http://help.sap.com> under *SAP Supply Chain Management -> Business Functions (SAP Enhancement Package 1 for SAP SCM 7.0) -> Business Functions in SAP SCM -> Business Functions in SAP SCM Basis -> Enhanced Services for Transportation Network*.

2.2.2 SCM-BAS-EHS EH&S Services

2.2.2.1 SCM_EHS_DG_CI_1: EH&S Services SCM: Dang. Goods (new)

Use

As of SAP enhancement package 1 for SAP SCM Basis 7.0, the business function EH&S Services SCM: Dang. Goods (SCM_EHS_DG_CI_1) is available. With this business function the dangerous goods checks component has been extended to include the check method mixed loading checks.

The mixed loading checks determine whether dangerous goods can be loaded together. This requires checks at different levels and allows regulation-dependent rules and enterprise-specific special cases to be mapped.

The dangerous goods master dialogue has been extended to include the Mixed Loading tab page.

Effects on Customizing

Customizing for Dangerous Goods Management was extended to include the following IMG activities:

- IMG section Specify Settings for Mixed Loading Checks
- BAdI: Product Exchange / Multiple Component Explosion
- BAdI: Determination of Dangerous Goods Check Schema

The IMG activity *Maintain Transportation Mode* has been extended by the field *Dangerous Goods - Mode-of-Transport Category*.

See also

For more information, see the SAP Help Portal at help.sap.com.

2.2.2.2 SCM-BAS-EHS-DG Dangerous Goods Management

2.2.2.2.1 SCM_EHS_DG_CI_1: EH&S Services SCM: Dang. Goods (new)

Use

As of SAP enhancement package 1 for SAP SCM Basis 7.0, the business function EH&S Services SCM: Dang. Goods (SCM_EHS_DG_CI_1) is available. With this business function the dangerous goods checks component has been extended to include the check method mixed loading checks.

The mixed loading checks determine whether dangerous goods can be loaded together. This requires checks at different levels and allows regulation-dependent rules and enterprise-specific special cases to be mapped.

The dangerous goods master dialogue has been extended to include the Mixed Loading tab page.

Effects on Customizing

Customizing for Dangerous Goods Management was extended to include the following IMG activities:

- IMG section Specify Settings for Mixed Loading Checks
- BAdI: Product Exchange / Multiple Component Explosion
- BAdI: Determination of Dangerous Goods Check Schema

The IMG activity *Maintain Transportation Mode* has been extended by the field *Dangerous Goods - Mode-of-Transport Category*.

See also

For more information, see the SAP Help Portal at help.sap.com.

2.3 SCM-EM Event Management

2.3.1 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*.

2.3.2 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*.

2.3.3 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*.

2.3.4 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*.

2.3.5 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_*.

2.4 SCM-ICH Supply Network Collaboration

2.4.1 SCM_SNC_GEN_1: Branding (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the SAP SNC Web user interface (Web UI) can display the logo of a business partner, for example the logo of the leading business partner's company. The following alternative options are available to you:

- SAP SNC system administration sets the logo for a business partner.
- On the Web UI, a user can upload a logo.

Effects on System Administration

You set up branding in the *SAP Easy Access* menu under *Supply Network Collaboration -> Master Data -> Business Partner -> Define Branding for the SAP SNC Web UI*.

To assign a user the authorization to maintain a logo, you need to add **BRANDING** to the Web screens the user is authorized to use in the authorization object C_ICH_USER.

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) 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 -> Branding the SAP SNC Web UI*.

2.4.2 SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the predefined monitor set *SNC Monitor Templates* in the Computing Center Management System (CCMS) has been enhanced with the following nodes:

- *Availability*
The *Availability* monitor allows you to monitor the following:
 - Which systems are available and running by using the CCMSPING agent
 - The response time of the system
 - Number of users logged on
- *Connectivity*
The *Connectivity* monitor allows you to monitor inbound and outbound queues for the SAP Core Interface (CIF) and for SAP NetWeaver Process Integration (SAP NetWeaver PI). It displays faulty queue entries in the inbound and outbound queues in CIF or PI.
- *Transaction Performance*
The *Transaction Performance* monitor allows you to monitor whether planning runs have been

run successfully. You can monitor the following planning runs:

- TLB run
- Replenishment run
- Forecast run

The *CIF Master Data Queue Monitor* node has been removed. As of SAP enhancement package 1 for SAP SNC 7.0 the *Connectivity* monitor performs this function.

Effects on System Administration

To use the *SNC Monitor Templates* monitor set as a template for your own monitor, copy the desired monitor and adapt it to your needs. If you run CCMS from a central system to monitor your system landscape, set up system connections with your SAP SNC systems.

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) and SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *SAP Supply Network Collaboration -> Tools -> SAP SNC Monitoring with CCMS*.

2.4.3 SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)

Use

Previously in SAP Supply Network Collaboration (SAP SNC), you could only call Collaboration Folders (cFolders) for the element Product. As of SAP enhancement package 1 for SAP SNC 7.0, you can call a collaboration folder in Collaboration Folders (cFolders) for the following elements on the *Purchase Order Details* Web screen and on the *Work Order Details* Web screen:

- WBS element
- Sales order
- Production order

On the new *Quality Notification Details* Web screen, you can call a collaboration folder for quality notifications.

Effects on Existing Data

UI Enhancements in Work Order Collaboration

The *Work Order Details* and *Work Order History* Web screens have been enhanced with fields for the following numbers:

- WBS element
- Sales order number
- Sales order item number
- Purchase requisition number
- Purchase requisition item number
- Production order number
- Operation number of production order

The numbers are displayed on the new *Reference Documents* tab page.

UI Enhancements in Purchase Order Collaboration

The *Reference Documents* tab page on the *Purchase Order Details* and the *Purchase Order History* Web screens have been enhanced with the following fields:

- WBS element
- Purchase requisition number
- Purchase requisition item number
- Production order number
- Operation number of production order

The cFolders pushbutton has changed as follows:

- The label changed from *cFolders Product* to *cFolders*
- The button changed from a pushbutton to a pushbutton with drop down
- The entries in the drop down are controlled by means of the *Enable a Collaboration in Collaboration Folders* customizing activity

Effects on Data Transfer

The `PurchaseOrderERPReplenishmentOrderCollaborationNotification_In` service has been enhanced with the `AccountingCodingBlockDistribution` element on purchase order item level to transfer the following data:

- WBS element
- Sales order number
- Sales order item number
- Production order number/operation number

To transfer the purchase requisition number and purchase requisition item number, the data structure of the `ReplenishmentOrderNotification_In` service has been enhanced with the `GROUP_ID` element on schedule line level.

Effects on Customizing

You enable the collaboration folder types you want to use in cFolders in Customizing for *Supply*

Network Collaboration under *Basic Settings* -> *Collaboration Folders* -> *Enable a Collaboration in Collaboration Folders*.

You can define a path different from the SAP standard delivered path in the folder hierarchy of a collaboration for cFolders with the Business Add-In (BAI) *Define a Path in a Folder Hierarchy of a Collaboration in cFolders* (/SCF/CFOLDER_STRUCTURE). You define the path in Customizing for *Supply Network Collaboration* under *Business Add-Ins (BAIs) for SAP SNC* -> *Basic Settings* -> *Collaboration Folders* -> *BAI: Define a Path in a Folder Hierarchy of a Collaboration in cFolders*.

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) 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* -> *Collaboration Folders*.

2.4.4 SCM_SNC_GEN_1: BI Extractors (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, there are two new BI extractors for SAP SNC: an extractor for shipments, and an extractor for quality notifications. The existing BI extractors for purchase orders and for work order phase lead time have been enhanced as follows:

- The extractor for purchase orders now extracts data of the following fields:
 - *Actual Delivered Quantity*
 - *Unit of Measure*
 - *Supplier Confirmed Delivery Date*
- The extractor for work order phase lead time now extracts data of the following fields:
 - *Phase Is Completed*
 - *Event Date/Time*
 - *Shipping Is Completed*
 - *Event Date/Time*

See also

For more information, see the main release note for the business function *Supply Network*

Collaboration 1 (SCM_SNC_GEN_1).

2.4.5 SCM_SNC_GEN_1: Smart Forms (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a Smart Form is available for each PDF-based print form.

2.4.6 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)

- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.7 SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you, as a customer, can integrate planned receipts with your SAP Advanced Planning and Optimization (SAP APO) system. You integrate planned receipts if you want to use the planned receipts that the supplier has created in SAP SNC for your Capable-To-Match (CTM) planning run in SAP APO. You can integrate planned receipts as part of the following business scenarios:

- *Dynamic Replenishment*
- *Supplier Managed Inventory*

After you have set up the planned receipt integration, you send demand forecast data or inventory and demand data to the SAP SNC system by means of an `ProductActivityNotification` XML message. With this data, the supplier creates planned receipts and sends them to the SAP APO system, where you can continue the CTM planning run.

Effects on Existing Data

In a *Dynamic Replenishment* business scenario the supplier can modify and send the planned receipts to the customer on the new *Overview - Send Planned Receipts to Customer* grid arrangement of the *Order Forecast Details* Web screen.

In a *Supplier Managed Inventory* business scenario, the supplier can modify and send the planned receipts to the customer from the *SMI - Send Planned Receipts to Customer* grid arrangement on the *SMI Monitor Details* Web screen.

Effects on Data Transfer

In SAP SNC, the following reports are available:

- Using the *Generate Alerts for Overdue Sending of Planned Receipts* (/SCA/GEN_ALERTS_OVERDUE_PLNREC) report, you can create alerts that inform a supplier that planned receipts are overdue.
- Using the *Send Planned Receipts* report, you can send planned receipts to the customer. You can access the report in the *SAP Easy Access* menu under *Supply Network Collaboration -> Tools -> Send XML Messages for Time Series -> Send Planned Receipts*.

Note: SAP APO uses the *Send Demand Data* (/SAPAPO/PROACT_OUT) transaction to send demand data from SAP APO to SAP SNC. In your SAP APO system, on the *SAP Easy Access* screen, choose *Advanced Planning and Optimization -> APO Administration -> Integration -> Integration with SAP Supply Network Collaboration -> Send Demand Data*.

Effects on Customizing

In Customizing for *Supply Network Collaboration*, you determine per location product whether the planned receipts for that location product are integrated with SAP APO. For the *Dynamic Replenishment* business scenario, you make the settings under *Demand -> Order Forecast Monitor -> Assign Settings for Order Forecast Monitor*. For the *Supplier Managed Inventory* business scenario, you make the settings under *Replenishment -> Replenishment Planning -> Assign Settings -> Assign Settings for Replenishment Planning and SNI*.

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1 (SCM_SNC_GEN_1)* and SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under the following paths:

- For the *Dynamic Replenishment* business scenario under *SAP Supply Network Collaboration -> Demand -> Order Forecast Monitor -> Integration of Planned Receipts with the Customer*.
- For the *Supplier Managed Inventory* business scenario under *SAP Supply Network Collaboration -> Replenishment -> Replenishment Planning -> Replenishment Monitors -> Functions in the Replenishment Monitor -> Integration of Planned Receipts with the Customer*.

2.4.8 SCM_SNC_GEN_1: Quick View (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the quick view offers the following new features:

- Building blocks for alerts
Alert building blocks display high-priority, medium-priority, and low-priority alerts. We deliver alert building blocks for the following applications and order documents:
 - Scheduling agreement release
 - Purchase order
 - Supplier Managed Inventory (SMI)
 - SMI with replenishment orders
 - Supply Network Inventory
 - Advanced shipping notification
 - Invoice
 - Quality notification
 - Work order

- Order Forecast Monitor
- Delivery Control Monitor
- Kanban
- Notes
- Tabs
To organize and group building blocks on the quick view, you can create tabs. You can name, position, and hide tabs on the quick view.
- Microblog
The microblog allows customer and supplier users to communicate with each other by posting short messages on the quick view of the SAP SNC Web user interface. Users can post messages for information purposes, messages that require an acknowledgement, and messages which require a yes or no response from the recipient .
- Building blocks for application-specific key figures
The following building blocks have been added to display application-specific key figures:
 - *Purchasing Documents Due for ASNs by ASN Due Date*
 - *Planned Receipts Due for ASNs by ASN Due Date*
 - *Purchase Order: Items with ASN Exceptions*
 - *Purchase Order: Items with Confirmation Exceptions*
 - *Open Quality Notifications by End Date*
 - *SA Release: Changed Items by Release Date*
 - *Shipment Status by Delivery Date*
 - *Due Shipments by Shipping Date*
 - *Documents Requiring Invoices*
 - *Critical Products*

Effects on System Administration

To maintain all microblog messages irrespective of business partner or user, the system administrator can use the *Microblog Administration* (/SCA/MBA) transaction. To delete microblog messages from the database, the system administrator can use the *Delete Microblog Messages* (/SCA/MBDELETE) transaction. To send e-mails with microblog messages for which the user has selected the *Send E-Mail* checkbox when creating a new message, or for which the user has selected the *Forward All Messages To* checkbox under *Microblog Settings* on the quick view of the SAP SNC Web UI, you must regularly run the *Send E-Mails with Microblog Messages* (/SCA/DM_MYSTALK_SEND) report.

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) 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 -> Quick View*.

2.4.9 SCM-ICH-AFS Functions for SAP Apparel and Footwear

2.4.9.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)

- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.10 SCM-ICH-AMO Alert Monitor

2.4.10.1 SCM_SNC_GEN_1: Alerts (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the following features are new:

- You can send alert-specific URLs or URLs for grouped alerts in an alert notification e-mail. The recipient of the alert notification e-mail uses the URL to navigate to an alert-relevant Web screen or to the Alert Monitor to display the alert details. The alert-specific URL navigates to the Alert Monitor or an alert-relevant Web screen on the SAP SNC Web UI, while URLs for grouped alerts navigate only to the Alert Monitor.
- You can set up the system so that it automatically deletes validation alerts for document-based exceptions.
- You can determine an alert priority for an alert type that is different from the standard.

Effects on Customizing

You make Customizing settings in the following activities:

- You determine the target screen of the alert-specific URL in the alert-notification e-mail in the Customizing activity Define Target Screen of URL in Alert Notification E-Mail.
- You make settings for the automatic deletion of validation alerts in the Customizing activity Assign Validation Profiles.
- You can determine an alert priority for an alert type in the Customizing activity Determine Alert Priority.

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) and SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *SAP Supply Network Collaboration -> Exceptions*.

2.4.10.2 SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, processing of advanced shipping notifications (ASNs) has been enhanced with the following new features:

- **Supplier and customer batch numbers**
On the *ASN Details* screen, *ASN History* screen, and *ASN History Comparison* screen, the new *Supplier Batch Number* field has been added. The *Batch Number* field has been renamed to *Customer Batch Number*.
- **New *Last Published* field**
On the *ASN Details* screen, on the *Admin Details* tab page, the new *Last Published* field has been added.
- **Shipment Assignment**
On the following screens, the new *Shipment Assigned* field has been added, which shows whether an ASN is assigned to a shipment:
 - *ASN Overview* screen
 - *Shipping Details* tab page of the *ASN Details* screen
 You can navigate to the shipment by clicking the shipment number.
- **New ASN alerts for shipment collaboration**
To support the integration with the new *Shipment Collaboration* component, the following new ASN alerts have been introduced:
 - *Overdue ASN Is Not Yet in Shipment*
 - *ASN Delivery Date Was Overwritten by Shipment*
- **Calculation of total weights and volumes**
The new pushbutton *Calculate Totals* has been added to the *ASN Details* screen. If you choose this pushbutton, the system calculates the total gross weight, the total net weight, and the total volume of an ASN and their respective units of measurement. Note that the system only calculates the total weights and volumes if the user has not entered manual values.
- **ASN-based due quantities**
When you publish an ASN, the system automatically updates the ASN-based due quantity in the schedule line of the referenced scheduling agreement release. The due quantities are now displayed on the *Due List for Purchasing Documents* screen.
- **Copy of ASN item**
On the *Create ASN* screen and the *ASN Details (Supplier)* screen, in change mode, you can use the new *Copy Item* pushbutton to create a new item based on a selected item.
- **Integration with the new *Quality Collaboration* component**
From the *ASN Overview* and the *ASN Details* screens, you can navigate to the quality notifications that are related to an ASN.
- **Number of goods receipt document in *Received Delivery Notification* inbound operation**
The *Received Delivery Notification* inbound enterprise service operation was enhanced in such a way that it can now also receive the number of the referenced goods receipt document at item level.

Effects on Existing Data

Effects on Screens

The *ASN Overview* screen has been redesigned with the personal objects worklist (POWL) technology.

Effects on ASN-Based Due Quantities

After you have activated the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), you must run the report *Due Quantity Computing and Setting Change Status Flag in SA Releases* (/SCA/REL_DUE_CHG_SET). The report calculates the ASN-based due quantity for existing scheduling agreement releases. For more information, see the report documentation.

See also

For more information, see the following documentation:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Delivery Collaboration -> ASN Processing*
- Release note ASN Alert Types for Release Processing (Enhanced)
- Release note Generation of ASN Alerts (Enhanced)
- Release note Shipment Collaboration (New)
- Release note Quality Collaboration (New)

2.4.10.3 SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the *Generate Alerts for Overdue ASNs* (/SCA/ASN_PASTDUE_ALERTWRITE) report has been enhanced. The report generates alerts for overdue ASNs (alert type 31). Instead of generating alerts based on the delivery date, you can now also generate alerts based on the shipping date as follows: For the report, an ASN is regarded as overdue if the ASN fulfills the following conditions:

- The shipping date lies, at latest, on a date defined by the user (specified date plus offset in days).
- The supplier has not yet delivered all items in full. However, ASNs or ASN items with the *Closed* status are regarded as delivered in full.

The report can now also create alerts for overdue ASNs that are not yet assigned to a shipment.

Effects on System Administration

You can select if you want to generate alerts for overdue ASNs based on the shipping date or the delivery date. The default is the delivery date.

See also

For more information, see the following:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> ASN Processing -> ASN Alerts*

2.4.10.4 SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, new ASN alerts types are available for release processing (alert types 7437 to 7444). The alerts inform about deviations between the ASN item data (quantity and delivery date/time) and the corresponding data in the request schedule lines or in the confirmation schedule lines of the current scheduling agreement release. SAP SNC creates or updates these alerts automatically upon publication of an ASN or upon receipt of the successor release.

See also

SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Delivery Collaboration -> ASN Processing -> ASN Alerts -> Generation of Alerts for Non-Matching ASNs in Release Processing*

2.4.10.5 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)

- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.11 SCM-ICH-ASN Advanced Shipping Notification and Shipment

2.4.11.1 SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, processing of advanced shipping notifications (ASNs) has been enhanced with the following new features:

- **Supplier and customer batch numbers**
On the *ASN Details* screen, *ASN History* screen, and *ASN History Comparison* screen, the new *Supplier Batch Number* field has been added. The *Batch Number* field has been renamed to *Customer Batch Number*.
- **New *Last Published* field**
On the *ASN Details* screen, on the *Admin Details* tab page, the new *Last Published* field has been added.
- **Shipment Assignment**
On the following screens, the new *Shipment Assigned* field has been added, which shows whether an ASN is assigned to a shipment:

- *ASN Overview* screen
- *Shipping Details* tab page of the *ASN Details* screen
You can navigate to the shipment by clicking the shipment number.
- **New ASN alerts for shipment collaboration**
To support the integration with the new *Shipment Collaboration* component, the following new ASN alerts have been introduced:
 - *Overdue ASN Is Not Yet in Shipment*
 - *ASN Delivery Date Was Overwritten by Shipment*
- **Calculation of total weights and volumes**
The new pushbutton *Calculate Totals* has been added to the *ASN Details* screen. If you choose this pushbutton, the system calculates the total gross weight, the total net weight, and the total volume of an ASN and their respective units of measurement. Note that the system only calculates the total weights and volumes if the user has not entered manual values.
- **ASN-based due quantities**
When you publish an ASN, the system automatically updates the ASN-based due quantity in the schedule line of the referenced scheduling agreement release. The due quantities are now displayed on the *Due List for Purchasing Documents* screen.
- **Copy of ASN item**
On the *Create ASN* screen and the *ASN Details (Supplier)* screen, in change mode, you can use the new *Copy Item* pushbutton to create a new item based on a selected item.
- **Integration with the new *Quality Collaboration* component**
From the *ASN Overview* and the *ASN Details* screens, you can navigate to the quality notifications that are related to an ASN.
- **Number of goods receipt document in *Received Delivery Notification* inbound operation**
The *Received Delivery Notification* inbound enterprise service operation was enhanced in such a way that it can now also receive the number of the referenced goods receipt document at item level.

Effects on Existing Data

Effects on Screens

The *ASN Overview* screen has been redesigned with the personal objects worklist (POWL) technology.

Effects on ASN-Based Due Quantities

After you have activated the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), you must run the report *Due Quantity Computing and Setting Change Status Flag in SA Releases* (/SCA/REL_DUE_CHG_SET). The report calculates the ASN-based due quantity for existing scheduling agreement releases. For more information, see the report documentation.

See also

For more information, see the following documentation:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Delivery Collaboration -> ASN Processing*
- Release note ASN Alert Types for Release Processing (Enhanced)
- Release note Generation of ASN Alerts (Enhanced)
- Release note Shipment Collaboration (New)
- Release note Quality Collaboration (New)

2.4.11.2 SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the *Generate Alerts for Overdue ASNs (/SCA/ASN_PASTDUE_ALERTWRITE)* report has been enhanced. The report generates alerts for overdue ASNs (alert type 31). Instead of generating alerts based on the delivery date, you can now also generate alerts based on the shipping date as follows: For the report, an ASN is regarded as overdue if the ASN fulfills the following conditions:

- The shipping date lies, at latest, on a date defined by the user (specified date plus offset in days).
- The supplier has not yet delivered all items in full. However, ASNs or ASN items with the *Closed* status are regarded as delivered in full.

The report can now also create alerts for overdue ASNs that are not yet assigned to a shipment.

Effects on System Administration

You can select if you want to generate alerts for overdue ASNs based on the shipping date or the delivery date. The default is the delivery date.

See also

For more information, see the following:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> ASN Processing -> ASN Alerts*

2.4.11.3 SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, new ASN alert types are available for release processing (alert types 7437 to 7444). The alerts inform about deviations between the ASN item data (quantity and delivery date/time) and the corresponding data in the request schedule lines or in the confirmation schedule lines of the current scheduling agreement release. SAP SNC creates or updates these alerts automatically upon publication of an ASN or upon receipt of the successor release.

See also

SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Delivery Collaboration -> ASN Processing -> ASN Alerts -> Generation of Alerts for Non-Matching ASNs in Release Processing*

2.4.11.4 SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can navigate from the receipts and requirements list to the relevant detail screen of a receipt or requirement element. This feature is available for the following order documents:

- ASN
- Purchase order confirmation
- Purchase order
- Forecast delivery schedule
- JIT delivery schedule
- Scheduling agreement confirmation
- Replenishment order

You can navigate from the due list for purchasing documents, (*Order Doc. Number* column), using a link to the respective order document type detail screen, which, depending on the document type is either

the purchase order details screen, the replenishment order details screen, or the release details screen.

2.4.11.5 SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the goods receipt document was added to the XML message type `ReceivedDeliveryNotification` (RDN) and to the message interface type `ReceivedDeliveryNotification_In` at item level (new section `GoodsReceiptReference`). A goods receipt document is a document that an ERP system creates when posting a goods receipt (called "material document" in an ERP system of SAP).

The `GoodsReceiptReference` section is relevant for posting goods receipts with respect to an ASN item. In addition to the ASN number and the ASN item number, the enhanced RDN message can now transmit the goods receipt document to SAP SNC, which supports the correct processing of partial goods receipts in SAP SNC as follows: Upon receipt of an RDN, SAP SNC automatically checks whether it has already received the same goods receipt document for a particular ASN item previously. If it has, SAP SNC ignores the goods receipt quantity transmitted for this goods receipt document in the RDN message under consideration.

2.4.11.6 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network

- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)

- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.11.7 SCM_SNC_GEN_1: Shipment Collaboration (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the new *Shipment Collaboration* component is available. The *Shipment Collaboration* component allows suppliers to group individual advanced shipping notifications (ASNs) in a shipment. A shipment is a grouping of goods that are transported together from one location to another. With shipments, suppliers can organize their deliveries according to the transportation requirements mandated by the customer. Once the goods are ready to be delivered, all goods belonging to a shipment are loaded to trucks or other means of transport.

The *Shipment Collaboration* component comprises customer-specific, goods-recipient-specific, and supplier-specific screens for various tasks. The supplier can create and process shipments. The customer and the goods recipient can display the details of existing shipments. In addition, the customer, the goods recipient, and the supplier can directly navigate from the *Shipment Details* screen to the Web site of the shipment tracking system of a carrier (if a URL for such a system is available).

Effects on Existing Data

Effects on Menus

The Web menu for customers, goods recipients, and suppliers in SAP SNC has been enhanced by the following entry: *Delivery -> Shipment*. The area menu has been enhanced by the following new entry: *Supply Network Collaboration -> Delivery -> Shipment*.

Effects on Existing Screens

On the *ASN Overview* and *ASN Details* screens, the new *Shipment Assignment* field has been added, which shows whether an ASN is assigned to a shipment. After an upgrade, existing ASNs that have already been in the system behave as follows:

- The *Shipment Assignment* field of existing ASNs on the UI is displayed as empty.
- However, the system treats these ASNs as if they have the shipment assignment status *Not Assigned*, so users can assign them to shipments.

Effects on Order Document Management

After the activation of the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), you must perform some manual steps to activate order document management (ODM) for shipments. For more information, see SAP Note 1338993.

Effects on Data Transfer

As a customer, you can transfer shipment data from SAP SNC to SAP ERP systems as follows:

- Transfer data from published shipments to SAP ERP and automatically create inbound shipments in SAP ERP
- Transfer data from canceled shipments to SAP ERP and automatically cancel associated inbound shipments in SAP ERP

We provide the following service interfaces for the message exchange:

- `FreightOrderExecutionRequest_Out` service interface for creating shipments
- `FreightOrderExecutionCancelRequest_Out` service interface for canceling shipments

As of SAP ERP 6.0, you can use operation mappings to convert XML messages into the following IDocs:

- `SHPMNT.SHPMNT05` for creating shipments
- `SHPCPR.TPSSHT01` for canceling shipments

As of SAP Enhancement Package 3 for SAP ERP 6.0, you can receive shipment information from SAP SNC using the the following service interfaces:

- `FreightOrderExecutionRequest_In` service interface if creating shipments
- `FreightOrderExecutionCancelRequest_In` service interface if canceling shipments

In previous releases, you could use XML messages of type `ReceivedDeliveryNotification` to receive information about goods receipt posting of ASNs and update the ASN status in SAP SNC accordingly. As of SAP enhancement package 1 for SAP SNC 7.0, SAP SNC also updates the shipment status.

Effects on System Administration

New Reports

As a customer, you can use the following new reports to handle unneeded shipments or shipments that have not been published correctly:

- *Close Shipments* (/SCA/SHIPMENT_CLOSE)
- *Delete Shipments* (/SCA/SHIPMENT_DELETE)

- *Publish Shipment (/SCA/SHIPMENT_PUBLISH)*
You use this report to send a shipment XML message again when the sending of a shipment XML message has failed. The report generates an XML message of type *FreightOrderExecutionRequest* or *FreightOrderExecutionCancelRequest* and sends it to your back-end system.

Updated Report for Generating of ASN Alerts

The *Generate Alerts for Overdue ASNs (/SCA/ASN_PASTDUE_ALERTWRITE)* report has been enhanced to generate alerts for overdue ASNs that have not yet been assigned to a shipment.

Shipment Posting in SAP ERP

If you transfer shipment data from SAP SNC to SAP ERP using XML messages and IDocs, SAP ERP can only create inbound shipments if the corresponding inbound deliveries have been created previously. If this is not the case, the IDoc posting in SAP ERP fails. To repeat the posting of shipment IDocs whose posting has failed, you must schedule the *Manual Processing of IDocs: Post IDocs Not Yet Posted (RBDMANI2)* report in SAP ERP.

Roles

The following roles have been enhanced to include authorizations to call up the new *Shipment Collaboration* supplier or customer screens:

- *ASN Maintenance (Supplier) (SAP_SCM_ICH_ASN_SUP)*
- *Supplier Collaboration: Superuser and Administrator (Supplier) (SAP_SCM_ICH_SU_SUP)*
- *Supplier Collaboration: Administrator (Customer) (SAP_SCM_ICH_ADM_CUS)*
- *Supplier Collaboration: Superuser (Customer) (SAP_SCM_ICH_SU_CUS)*

Effects on Customizing

You make the Customizing settings for *Shipment Collaboration* in Customizing for *Supply Network Collaboration*, in the following Customizing activities:

- *Delivery -> Shipment -> Define Settings for ASN Assignments to Shipments*
- *Basic Settings -> Printing -> Determine Print Forms for Shipment Documents*
- *Basic Settings -> Visibility -> Create Selection Modes*

In addition, the following Business Add-Ins (BADIs) are available:

- To change outbound data processing of the *FreightOrderExecutionRequest* XML message, you can use the BAdI *BAdI for FreightOrderExecutionRequest_Out (/SCA/BIF_O_FOEXECRO)* (see *Supply Network Collaboration -> Business Add-Ins (BADIs) for SAP SNC -> Basic Settings -> Processing Inbound and Outbound Messages -> BADIs for Message Interfaces (Outbound XML Messages) -> BAdI for FreightOrderExecutionRequest_Out*).
- To run your own algorithms during shipment processing, you can implement the BAdI *BAdI: Processing of Shipments (/SCA/SHIPMENT_BOL)* (see *Supply Network Collaboration -> Business Add-Ins (BADIs) for SAP SNC -> Delivery -> Shipment -> BAdI: Processing of Shipments*).

- To convert shipment numbers, you can implement the **BAAdI: Conversion of Shipment Numbers** (/SCMB/BOL_SHPCV) (see *Supply Network Collaboration -> Business Add-Ins (BAIs) for SAP SNC -> Delivery -> Shipment -> BAAdI: Conversion of Shipment Numbers*).

See also

For more information, see the release note **SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)** and SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Delivery Collaboration -> Shipment Collaboration*.

2.4.11.8 SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a number of additional selection parameters are available on various screens..

Effects on Existing Data

On the purchase order worklist, additional selection parameters are available for the worklist object types:

- In the *Confirm&Publish Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Canceled / Blocked Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Product group
 - Product group type
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on

- Seller
- Original sales order number
- WBS element
- Approval status
- Group indicator
- In the *Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Rejected Purchase Order Items* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Group indicator
 - Purchasing group
- In the *Purchase Order Items (Customer)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator

- Purchasing group

In the supplier view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type

In the customer view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type
- Purchasing group

On the *Documents Requiring Invoices* screen, the shipping date is available as a selection parameter.

The purchasing group is now available as a selection parameter on the following screens:

- Customer worklists for purchase orders as described above
- Customer overview screens for purchase orders, advanced shipping notifications, releases, and invoices
- Customer due list for purchasing documents (as described above) and the customer receipts and requirements list

2.4.12 SCM-ICH-DIO Inbound/Outbound Data Processing

2.4.12.1 SCM_SNC_GEN_1: Navigation from RR Overview to DIC (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can call up the *Product Activity Message* screen for a location product that you have selected on the *Responsive Replenishment Overview* screen.

2.4.12.2 SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

Use

In previous releases, the integration scenarios and the mappings for SAP SNC were in software component SNC in the enterprise services repository (ESR). As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the integration scenarios and the mappings are assigned to the new software component SNC IC.

2.4.12.3 SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the goods receipt document was added to the XML message type `ReceivedDeliveryNotification` (RDN) and to the message interface type `ReceivedDeliveryNotification_In` at item level (new section `GoodsReceiptReference`). A goods receipt document is a document that an ERP system creates when posting a goods receipt (called "material document" in an ERP system of SAP).

The `GoodsReceiptReference` section is relevant for posting goods receipts with respect to an ASN item. In addition to the ASN number and the ASN item number, the enhanced RDN message can now transmit the goods receipt document to SAP SNC, which supports the correct processing of partial goods receipts in SAP SNC as follows: Upon receipt of an RDN, SAP SNC automatically checks whether it has already received the same goods receipt document for a particular ASN item previously. If it has, SAP SNC ignores the goods receipt quantity transmitted for this goods receipt document in the RDN message under consideration.

2.4.12.4 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)

- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.13 SCM-ICH-EM Event Management for SAP SNC**2.4.13.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)

- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.14 SCM-ICH-ERP ERP-SNC Integration**2.4.14.1 SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)****Use**

In previous releases, the integration scenarios and the mappings for SAP SNC were in software component SNC in the enterprise services repository (ESR). As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the integration scenarios and the mappings are assigned to the new software component SNC IC.

2.4.14.2 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)

- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.14.3 SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)**Use**

Previously, you could transfer confirmation data to an SAP ERP back-end system using the `ReplenishmentOrderConfirmation` XML message mapped to an Idoc. However, this integration did not transfer the manufacturer part number data in the confirmation schedule lines of purchase order.

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a supplier

can send purchase order confirmations to the customer back-end system using `PurchaseOrderERPConfirmationRequest` XML messages. This enables you to transfer the above data to a customer SAP back-end system of enhancement package 5 for SAP ERP 6.0

Effects on Customizing

To use the `PurchaseOrderERPConfirmationRequest` XML message when sending purchase order confirmations, the `PO_PURORDERPCNFREQ_SEND` validation check must be active in the validation profile that you use for the PO publication process (`ORDERCONF_PUBLISH`). In the standard validation profile `POC3` this validation check is inactive. You can activate the validation check in Customizing for *Supply Network Collaboration*, under *Basic Settings -> Validation -> Own Settings -> Maintain Settings in Validation Profiles*.

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Purchase Order Collaboration -> Integration with an SAP Back-End System -> Using XML Messages with an SAP ERP Back-End System* and *Purchase Order Collaboration -> Special Topics in Purchase Order Collaboration -> Manufacturer Part Number in Purchase Order Collaboration -> Use of MPNs with an SAP ERP Back-End System*.

2.4.15 SCM-ICH-FCS Forecast

2.4.15.1 SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can navigate from the receipts and requirements list to the relevant detail screen of a receipt or requirement element. This feature is available for the following order documents:

- ASN
- Purchase order confirmation
- Purchase order
- Forecast delivery schedule
- JIT delivery schedule
- Scheduling agreement confirmation
- Replenishment order

You can navigate from the due list for purchasing documents, (*Order Doc. Number* column), using a link to the respective order document type detail screen, which, depending on the document type is either

the purchase order details screen, the replenishment order details screen, or the release details screen.

2.4.15.2 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)

- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.16 SCM-ICH-FTR File Transfer

2.4.16.1 SCM_SNC_GEN_1: File Transfer (Enhanced)

Use

As of enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can use the following new files for file transfer:

- Invoice
 - Download data for documents requiring invoices
 - Upload data for documents requiring invoices
- Work order actual data
 - Download work order actual data that needs to be reported
 - Upload work order actual data
- Supply Network Inventory
 - Download SNI data for multiple location products, including ship-from location information
 - Upload SNI data for multiple location products, including ship-from location information

You can use the following enhanced files:

- Purchase order
 - Download purchase orders to confirm subcontracting components of subcontract orders
 - Upload purchase order to confirm subcontracting components of subcontract orders
- Supplier Managed Inventory
 - Stock on hand information is now available in the CSV file.
- Due list for purchasing documents
 - Revision level information is now available in the CSV file.

Effects on Customizing

The Customizing activity Maintain Job Scheduling has been enhanced to enable you to define your own job schedule.

For file transfer the following new Business Add-Ins (BAdIs) are available in Customizing for *Supply Network Collaboration* under *Business Add-Ins (BAdIs) for SAP SNC -> Tools -> File Transfer*:

- BAdI: Supply Network Inventory Interface
- BAdI: Work Order Interface

- BAdI: Invoice Interface

The following Business Add-Ins (BAdIs) have been enhanced to allow a customer who has added a new field or column to his or her SAP SNC Web screens, for example to include customer-specific information, and to enhance the CSV file with the field or column thereby enabling the download and upload of this information:

- BAdI: Purchase Order Interface
- BAdI: Due List for Purchasing Documents
- BAdI: Due List for Planned Receipts

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) 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 -> File Transfer*.

2.4.16.2 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)

- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.17 SCM-ICH-IMO Inventory Monitor**2.4.17.1 SCM_SNC_GEN_1: Navigation from RR Overview to DIC (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can call up the *Product Activity Message* screen for a location product that you have selected on the *Responsive Replenishment Overview* screen.

2.4.17.2 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders

- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)

- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.18 SCM-ICH-IV Invoice**2.4.18.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)

- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.18.2 SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a number of additional selection parameters are available on various screens..

Effects on Existing Data

On the purchase order worklist, additional selection parameters are available for the worklist object types:

- In the *Confirm&Publish Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Canceled / Blocked Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Product group
 - Product group type
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Group indicator

- In the *Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Rejected Purchase Order Items* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Group indicator
 - Purchasing group
- In the *Purchase Order Items (Customer)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
 - Purchasing group

In the supplier view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status

- Order document type

In the customer view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type
- Purchasing group

On the *Documents Requiring Invoices* screen, the shipping date is available as a selection parameter.

The purchasing group is now available as a selection parameter on the following screens:

- Customer worklists for purchase orders as described above
- Customer overview screens for purchase orders, advanced shipping notifications, releases, and invoices
- Customer due list for purchasing documents (as described above) and the customer receipts and requirements list

2.4.19 SCM-ICH-KNB Kanban

2.4.19.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC

- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)

- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.20 SCM-ICH-MD Master Data**2.4.20.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.20.2 SCM_SNC_GEN_1: User Administration (Enhanced)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a user can maintain his or her own general data, such as name, e-mail address, and telephone number, on the *User Administration (Own Data)* Web screen of the SAP SNC Web user interface.

You can integrate SAP NetWeaver Identity Management with user administration in SAP SNC. For more information, see FND_IDM_1: FND, SAP SNC Integration with SAP NW Identity Mgmt (New).

You can use hosted user administration if you are running your SAP SNC system in a hosted scenario. You can set up user administration so that it is the hosting business partner who runs the user administration function.

Effects on Existing Data

If you use SAP NetWeaver Identity Management as of Release 7.1, the names of the following pushbuttons on the *User Administration* Web screens change:

- The *Save* pushbutton changes to *Request Save*.
- The *Resend Welcome E-Mail* pushbutton changes to *Send SAP SNC-Specific E-Mail*.

Effects on Data Transfer

You can use the Business Add-In (BAI) *Checking the Naming Convention of the User Name* (/SCA/PUM_USERCHECK) to check that a user name entered on one of the *User Administration* Web screens adheres to a naming convention. You call up the BAI in Customizing for *Supply Network Collaboration* under *Business Add-Ins (BAIs) for SAP SNC -> Master Data -> User Administration -> Business Add-Ins (BAIs) for User Administration -> BAI: Checking the Naming Convention of the User Name*.

Effects on System Administration

If you are using hosted user administration, you must ensure that the customer cannot access the *User Administration (Power Administrator)* Web screen. To ensure that the customer cannot access the Web screen, you must modify the *Supplier Collaboration: Superuser (Customer)* (SAP_SCM_ICH_SU_CUS) role. You can modify roles in the *Role Maintenance* (PFCG) transaction.

See also

For more information, see the following:

- Release note FND_IDM_1: FND, SAP SNC Integration with SAP NW Identity Mgmt (New)
- SAP Library SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *SAP Supply Network Collaboration -> Master Data -> User Administration*.

2.4.21 SCM-ICH-NDC Net Requirements Calculation

2.4.21.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)

- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.22 SCM-ICH-PO Purchase Order and Replenishment Order

2.4.22.1 SCM_SNC_GEN_1: Customer Batch Number (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can use batch validation if you want the supplier to use only certain customer batches for components and to enter only numbers of allowed customer batches in the components of a purchase order confirmation. A validation check is available to check that the entered customer batch number is valid for the supplier

Effects on Customizing

You specify the source of the customer batch number in Customizing for *Supply Network Collaboration* under *Purchase Order -> Make General Settings for Purchase Orders*.

See also

SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Purchase Order Collaboration -> Special Topics in Purchase Order Collaboration -> Batches and Configuration in Purchase Order Collaboration*.

2.4.22.2 SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can navigate from the receipts and requirements list to the relevant detail screen of a receipt or requirement element. This feature is available for the following order documents:

- ASN
- Purchase order confirmation
- Purchase order
- Forecast delivery schedule
- JIT delivery schedule
- Scheduling agreement confirmation
- Replenishment order

You can navigate from the due list for purchasing documents, (*Order Doc. Number* column), using a link to the respective order document type detail screen, which, depending on the document type is either

the purchase order details screen, the replenishment order details screen, or the release details screen.

2.4.22.3 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)

- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.22.4 SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the following enhancements to purchase order collaboration not mentioned in other release notes have been made:

- A new option on the Web UI allows a customer to accept deviations and to update a request schedule line in one step. Previously, a customer had to accept deviations and update the request schedule line of a purchase order in two steps.
- If a customer uses the `ReplenishmentOrderNotification` XML message to send purchase orders to SAP SNC, he or she can transfer notes without length restriction. Previously, the length of a note was restricted to 1000 characters when sending a purchase order from SAP ERP to SAP SNC using the `ReplenishmentOrderNotification` XML message.
- A customer can transfer the purchasing group from SAP ERP to SAP SNC if he or she sends purchase orders using XML messages or IDocs.

2.4.22.5 SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, purchase order (PO) item exceptions are available. A PO item exception is information at the PO item level that informs the customer or supplier about a delivery-relevant issue for the PO item, such as a deviating confirmed quantity, a delayed delivery, or a deviating price. For each exception type, a corresponding new alert type is available.

Note: From the business perspective, an exception and the corresponding alert provide the same information. They both inform about an exceptional situation. However, they are different from the technical perspective and are used differently: To select purchase order items according to a particular exceptional situation on the PO screens, you need the exception type. To display a particular exceptional situation in the Alert Monitor, you need the alert type.

Effects on Existing Data

You can see exceptions at PO item level, for example, on the *Purchase Order Details* screen or on the *Work Order Details* screen. In the quick view, a new building block is available for PO item exceptions.

The related alerts are visible in the Alert Monitor.

Effects on System Administration

Exceptions for issues related to deviating data, such as the quantity or the delivery date/time, are automatically generated by SAP SNC when delivery-relevant data changes. However, you as a customer must run a report (/ SCA / PO_CONF_ASN_OVERDUE) to generate exceptions for overdue confirmations, overdue ASNs, or overdue goods receipt. To access this report, on the *SAP Easy Access* screen, choose *Supply Network Collaboration -> Exceptions -> Generate PO Item Exceptions and PO Item Alerts for Overdue Responses*.

Effects on Customizing

In Customizing for *Supply Network Collaboration*, you must make the following settings:

- You must activate the *Allow Generation of Purchase Order Item Exceptions* (PO_ITEM_EXCEPTION) validation check in the validation profiles that you use for the following processes:
 - SAP SNC receives a PO from the customer back-end system (REPLORDER process).
 - The supplier publishes a PO confirmation in SAP SNC (ORDERCONF_PUBLISH process).
 - SAP SNC receives a PO confirmation from the supplier back-end system (REPLORDER_CONFIRMATION process).

You make the settings under *Basic Settings -> Validation -> Own Settings -> Maintain Settings in Validation Profiles*.

- You must deactivate the following validation checks in the validation profiles for the relevant processes:
 - For the following validation checks, which check whether the confirmed quantity violates delivery tolerances, the type of messages that the system creates in case of a tolerance violation must be set to **W** (warning) or **I** (information):
 - PO_ITMOVERDELIVERY
 - PO_ITMOVERDELIVERY_WITHOUTZERO
 - PO_ITMUNDERDELIVERY

You must make this setting in the validation profiles that you use for the following processes:

- The supplier saves a PO on the SAP SNC Web UI (ORDERCONF_SAVE process). The standard validation profile is POC2. In the standard system, the message type is W.
- The supplier publishes a PO on the SAP SNC Web UI (ORDERCONF_PUBLISH process). The standard validation profile is POC3. In the standard system, the alert priority is E (error).
- The supplier receives a PO confirmation from the supplier back-end system (REPLORDER_CONFIRMATION process). The standard validation profile is POC3. In the standard system, the alert priority is E.

You make the settings under *Basic Settings -> Validation -> Own Settings -> Maintain Settings in Validation Profiles*. (Note: If the message type is E, the system does not set the confirmation status correctly.)

- You must create a number range for exceptions under *Purchase Order -> Purchase Order Item Exceptions -> Determine Number Ranges for Purchase Order Item Exceptions*.

- You must create consensus time profiles, consensus quantity profiles, consensus price profiles, and consensus rules. You make the settings under *Basic Settings -> Consensus Finding -> Consensus Profiles*.
- You must add an entry with the following data to the maintenance group CF:
 - *Counter* field: **112**
 - *Application* field: **CF**
 - *Usages* field: **RU**
 - *Condition Table* field: **SAPCDCTY**
 - *Condition Type* field: **1000**
 - *Data Source System* field: **Source: Local**
 You make the settings under *Basic Settings -> Consensus Finding -> Condition Technique for Consensus Finding -> Create Condition Maintenance Group*.

See also

- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Purchase Order Collaboration -> Special Topics in Purchase Order Collaboration -> Purchase Order Item Exception*
- Release note Quick View (Enhanced)

2.4.22.6 SCM_SNC_GEN_1: Purchase Order Item Groups (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the customer can group purchase order items automatically or manually. SAP SNC can perform automatic grouping when receiving a purchase order from the customer's back-end system. **Automatic grouping** assigns PO items that refer to the same ERP document to one group. SAP SNC groups according to the following ERP documents:

- Sales order
- Production order
- Purchase requisition
- WBS element

On the Web user interface (Web UI) of SAP SNC, the customer can create PO item groups **manually** according to other, customer-defined criteria or change automatically-created groups. The PO items of a group can be linked with predecessor-successor relationships. Relationships can be created automatically for groups based on production orders and purchase requisitions or manually by the customer.

PO item groups enable customers and suppliers to consider dependencies between different purchase orders or purchase order items in SAP SNC. Using PO item groups, customers and suppliers can identify and select related PO items on the SAP SNC UI. If exceptions occur for a PO item, such as delays, customers and suppliers can find the successor items that are affected. Using groups, customer and

supplier can also consider dependencies between **work orders** that are related.

Effects on Existing Data

- SAP SNC performs automatic grouping if the customer sends a new or updated purchase order to SAP SNC. Therefore, items of existing purchase orders are only grouped if the customer sends an updated purchase order.
- The new group screen is available in the Web menu for SAP SNC under *Purchase Order*.
- On the *Purchase Order Details* screen or on the *Purchase Order Worklist* screen, the group indicator shows whether a purchase order item belongs to a group. Using the group indicator on these screens, the customer can call up the group screen as well. For the supplier, this function is only available if the purchase order item belongs to a group.
On the work order header level, the group indicator shows whether the work order was created from a PO item that is assigned to at least one PO item group.

Effects on Customizing

- If you want to use automatic grouping, you need to activate the *Group PO Items Automatically Based on ERP Document (PO_ITEM GROUP)* validation check in the validation profile that you use for the PO receipt process (REPLORDER). The standard validation profile is POC1. You make the settings in Customizing for *Supply Network Collaboration* under *Basic Settings -> Validation*.
- For manual grouping, you need to set up number ranges in Customizing for *Supply Network Collaboration* under *Purchase Order Purchase -> Purchase Order Item Groups -> Determine Number Ranges for Purchase Order Item Groups*.

See also

- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Purchase Order Collaboration -> Special Topics in Purchase Order Collaboration -> Purchase Order Item Group*
- Release note SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)

2.4.22.7 SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a supplier can display and confirm subcontracting components for subcontract orders in the purchase order worklist.

In addition, the new query object type *Purchase Order Items Where I Am Goods Recipient* is available for the supplier. A query based on this worklist object type displays purchase order items for which the supplier is the goods recipient. The supplier can use the query to find purchase orders upon which he or she depends. If necessary, the supplier can adjust the confirmations for the purchase orders

for which he or she is the supplier.

Effects on Existing Data

If a schedule line contains subcontracting components, the *Confirm* popup window contains an additional table displaying the subcontracting components.

The following additional data is available (when relevant) in the *Confirm* popup window in the purchase order worklist:

- Confirmation status of the item
- Approval status of the confirmation schedule line, which is the aggregated approval status of the subcontracting components.
- Approval status of the item
- Customer batch in the item

See also

SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Purchase Order Collaboration -> Web Screens for Purchase Orders -> Purchase Order Worklist*.

2.4.22.8 SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)

Use

Previously, you could transfer confirmation data to an SAP ERP back-end system using the `ReplenishmentOrderConfirmation` XML message mapped to an Idoc. However, this integration did not transfer the manufacturer part number data in the confirmation schedule lines of purchase order.

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a supplier can send purchase order confirmations to the customer back-end system using `PurchaseOrderERPConfirmationRequest` XML messages. This enables you to transfer the above data to a customer SAP back-end system of enhancement package 5 for SAP ERP 6.0

Effects on Customizing

To use the `PurchaseOrderERPConfirmationRequest` XML message when sending purchase order confirmations, the `PO_PURORDERPCNFREQ_SEND` validation check must be active in the validation profile that you use for the PO publication process (`ORDERCONF_PUBLISH`). In the standard

validation profile POC3 this validation check is inactive. You can activate the validation check in Customizing for *Supply Network Collaboration*, under *Basic Settings -> Validation -> Own Settings -> Maintain Settings in Validation Profiles*.

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Purchase Order Collaboration -> Integration with an SAP Back-End System -> Using XML Messages with an SAP ERP Back-End System* and *Purchase Order Collaboration -> Special Topics in Purchase Order Collaboration -> Manufacturer Part Number in Purchase Order Collaboration -> Use of MPNs with an SAP ERP Back-End System*.

2.4.22.9 SCM_SNC_GEN_1: Replenishment Order (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, if the customer back-end system or the supplier back-end system does not support multiple items for the same location product within an order document (for example, to perform follow-up processes that require single items such as an ATP check for a sales order), SAP SNC can merge promotion and baseline items of a replenishment order before sending them to an ERP back-end system. If the confirmed quantity for this merged item is different from the requested quantity, the quantity can be split across the items of the replenishment order when the confirmation is received in SAP SNC according to different rules. SAP SNC also merges and splits the items of ASNs that reference such a replenishment order. This new function is relevant to the *Responsive Replenishment* scenario.

A new service to publish replenishment orders for firm receipts or for transport load builder (TLB) shipments is provided on the Web UI and in the planning service manager. You use this service if you have proposed firm receipts but have not yet published the replenishment orders, or if you have run the TLB but have not yet published the replenishment orders.

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a supplier can now also save and publish a replenishment order in one step.

Effects on Existing Data

The following screens have been enhanced to offer the service for publishing replenishment orders:

- *RR Overview*
- *RR Details*
- *Min/Max Overview*
- *Min/Max Details*

Effects on Customizing

To activate the merging of replenishment order items and to define how quantities are split, see Customizing for *Supply Network Collaboration* under *Replenishment -> Replenishment Order ->*

Define Quantity Split for Promotion and Baseline Items.

See also

SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *SAP Supply Network Collaboration -> Replenishment -> Replenishment Order Collaboration -> Replenishment Order -> Creating Replenishment Orders -> Merging and Splitting Items.*

2.4.22.10 SCM_SNC_GEN_1: Revision Level (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the revision level is available in the following document types:

- Purchase orders
- Work orders
- Scheduling agreement releases
- Advanced shipping notifications (ASNs)

Effects on Data Transfer

If you want to transmit 2-character revision levels from SAP ERP to SAP SNC, you must implement a user exit in SAP ERP for the following IDocs:

- IDocs for purchase orders:
 - ORDERS05
 - ORDINT01 (relevant to service parts planning)
- IDocs for scheduling agreement releases:
 - DELFOR01

For more information, see SAP Notes 888599 and 1438427.

If you want to transfer the revision level on component level of a purchase order item, then you must transfer purchase orders using the PORDCR102 IDoc as of enhancement package 5 for SAP ERP 6.0, or you can use the PurchaseOrderERPReplenishmentOrderCollaborationNotification XML message.

The DespatchedDeliveryNotification XML message contains the revision level. However, in the standard delivery, the DESADV.DELVRY03 IDoc for receiving an ASN in the ERP system does not contain the revision level.

2.4.22.11 SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a number of additional selection parameters are available on various screens..

Effects on Existing Data

On the purchase order worklist, additional selection parameters are available for the worklist object types:

- In the *Confirm&Publish Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Canceled / Blocked Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Product group
 - Product group type
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Group indicator

- In the *Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Rejected Purchase Order Items* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Group indicator
 - Purchasing group
- In the *Purchase Order Items (Customer)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
 - Purchasing group

In the supplier view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status

- Order document type

In the customer view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type
- Purchasing group

On the *Documents Requiring Invoices* screen, the shipping date is available as a selection parameter.

The purchasing group is now available as a selection parameter on the following screens:

- Customer worklists for purchase orders as described above
- Customer overview screens for purchase orders, advanced shipping notifications, releases, and invoices
- Customer due list for purchasing documents (as described above) and the customer receipts and requirements list

2.4.23 SCM-ICH-PRO Promotion Planning

2.4.23.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC

- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)

- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.23.2 SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, promotion collaboration has been enhanced as follows:

- When a customer sends a DemandInfluencingEventNotification XML message (promotion message) to SAP SNC with promotion data (location products, promotion quantities, and time buckets) for multiple promotions, the promotion message can only contain one promotion ID on the header level of the promotion message. To create new promotions or update existing ones, SAP SNC must first determine if there are existing promotions in SAP SNC that are relevant to the customer's promotion data. To determine if there are existing promotions, SAP SNC can automatically search for promotions that exist in SAP SNC. To search for existing promotions, you have listed all existing promotions in SAP SNC. SAP SNC can use this list to determine if the customer's promotion data is relevant to existing promotions, or if it must create new promotions. Once SAP SNC determines which promotion data is relevant, SAP SNC can automatically assign the time buckets from the promotion message to existing promotions for an update or to new promotions it has created.
- SAP SNC can determine promotion attributes (event type, promotion description) for the promotions in promotion messages with multiple promotions.
- When assigning time buckets to a promotion, you can determine whether SAP SNC uses the promotion sales forecast data or promotion order forecast data that the customer sends for a location product.

- You can define an offset value in days that allows SAP SNC to calculate promotion start dates from the time buckets in the DemandInfluencingEventNotification XML message. SAP SNC can use the start dates to determine unknown promotion IDs before it applies the promotion offset profile to calculate relevant promotion dates.
- SAP SNC can aggregate quantities from daily time buckets in the DemandInfluencingEventNotification XML message to calculate a total promotion quantity. Based on the total promotion quantity, SAP SNC can use the sales and distribution pattern from the promotion profile for the creation of multiple promotions.
- SAP SNC can automatically determine the uplift of a promotion based on the promotion data from the DemandInfluencingEventNotification XML message. To determine the promotion uplift, SAP SNC calculates the sum of the short-term forecast values for the sales period of the promotion. SAP SNC then subtracts this number from the promotion quantity that the customer has maintained and sent by means of the DemandInfluencingEventNotification XML message. The result gives the supplier the promotion uplift.
- The customer can send in partial updates of promotions. Partial updates are promotion updates where only some of the location products have been changed.

Effects on Existing Data

The title of the Customizing activity *Define Expected Promotion IDs* has been changed to *Define Settings for Inbound Processing of Promotion XML Message*.

Effects on Customizing

For promotion collaboration the following Customizing activities are enhanced or new:

- The *Define Settings for Inbound Processing of Promotion XML Message* activity in Customizing for *Supply Network Collaboration* under *Demand -> Promotion -> Settings for Inbound Promotion XML Messages* has been enhanced. You can now make the following settings:
 - You can set up the assignment of time buckets from a DemandInfluencingEventNotification XML message to promotions.
 - You can maintain the offset to calculate the promotion dates the system uses to create promotions by splitting the promotion data.
 - You can determine which time series data you want to use when splitting promotion data for the creation or update of a promotion.
 - You can aggregate the promotion quantities of the daily time buckets in the XML message and use the sales and distribution pattern from the promotion profile for the creation of multiple promotions.
 - You can set up partial updates.
 - You can set up the automatic calculation of the promotion uplift.
 - You can determine if the system considers the removal of a promotion item from a promotion in a XML message an update.

- The *Determine Promotion IDs* activity in Customizing for *Supply Network Collaboration* under *Demand -> Promotion -> Settings for Inbound Promotion XML Messages* is new. You list your existing promotions and a promotion ID.
- The *Determine Promotion Attributes* activity in Customizing for *Supply Network Collaboration* under *Demand -> Promotion -> Settings for Inbound Promotion XML Messages* is new. You list the attributes of existing promotions, for example the event type.

The following Business Add-Ins (BAdIs) have been changed or are new:

- To use the brand size pack for a product instead of the product hierarchy in the Customizing activity *Determine Promotion IDs*, you can use the new method DETERMINE_BSP from the existing BAdI *Maintain Settings for Promotion Planning* (/SAPAPO/ ICH_PROM_EXT).
- To change or extend the search parameters for the determination of promotion IDs, you can use the new BAdI *Determine Promotion IDs* (/SAPAPO/ ICH_PROMID_DET).
- To change or extend the search parameters for the determination of promotion attributes, you can use the new BAdI *Determine Promotion Attributes* (/SAPAPO/ ICH_PROM_ATTR).

See also

For more information, see the main release note for the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1) and SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *SAP Supply Network Collaboration -> Demand -> Promotion Planning -> Creating and Updating Promotions from Promotion Messages*.

2.4.24 SCM-ICH-QM Quality

2.4.24.1 SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, processing of advanced shipping notifications (ASNs) has been enhanced with the following new features:

- **Supplier and customer batch numbers**
On the *ASN Details* screen, *ASN History* screen, and *ASN History Comparison* screen, the new *Supplier Batch Number* field has been added. The *Batch Number* field has been renamed to *Customer Batch Number*.
- **New *Last Published* field**
On the *ASN Details* screen, on the *Admin Details* tab page, the new *Last Published* field has been added.
- **Shipment Assignment**
On the following screens, the new *Shipment Assigned* field has been added, which shows whether an ASN is assigned to a shipment:
 - *ASN Overview* screen

- *Shipping Details* tab page of the *ASN Details* screen
You can navigate to the shipment by clicking the shipment number.
- **New ASN alerts for shipment collaboration**
To support the integration with the new *Shipment Collaboration* component, the following new ASN alerts have been introduced:
 - *Overdue ASN Is Not Yet in Shipment*
 - *ASN Delivery Date Was Overwritten by Shipment*
- **Calculation of total weights and volumes**
The new pushbutton *Calculate Totals* has been added to the *ASN Details* screen. If you choose this pushbutton, the system calculates the total gross weight, the total net weight, and the total volume of an ASN and their respective units of measurement. Note that the system only calculates the total weights and volumes if the user has not entered manual values.
- **ASN-based due quantities**
When you publish an ASN, the system automatically updates the ASN-based due quantity in the schedule line of the referenced scheduling agreement release. The due quantities are now displayed on the *Due List for Purchasing Documents* screen.
- **Copy of ASN item**
On the *Create ASN* screen and the *ASN Details (Supplier)* screen, in change mode, you can use the new *Copy Item* pushbutton to create a new item based on a selected item.
- **Integration with the new *Quality Collaboration* component**
From the *ASN Overview* and the *ASN Details* screens, you can navigate to the quality notifications that are related to an ASN.
- **Number of goods receipt document in *Received Delivery Notification* inbound operation**
The *Received Delivery Notification* inbound enterprise service operation was enhanced in such a way that it can now also receive the number of the referenced goods receipt document at item level.

Effects on Existing Data

Effects on Screens

The *ASN Overview* screen has been redesigned with the personal objects worklist (POWL) technology.

Effects on ASN-Based Due Quantities

After you have activated the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), you must run the report *Due Quantity Computing and Setting Change Status Flag in SA Releases* (/SCA/REL_DUE_CHG_SET). The report calculates the ASN-based due quantity for existing scheduling agreement releases. For more information, see the report documentation.

See also

For more information, see the following documentation:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Delivery Collaboration -> ASN Processing*
- Release note ASN Alert Types for Release Processing (Enhanced)
- Release note Generation of ASN Alerts (Enhanced)
- Release note Shipment Collaboration (New)
- Release note Quality Collaboration (New)

2.4.24.2 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)

- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.24.3 SCM_SNC_GEN_1: Quality Collaboration (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, suppliers and customers can use SAP SNC to notify each other of quality problems or other issues with products or subcontracting components during the manufacturing process or after delivery, so that the customer or supplier can react to the complaint.

Quality Notifications

The central object for quality collaboration in SAP SNC is the quality notification.

A supplier can create quality notifications on the SAP SNC Web user interface (Web UI). He or she can either save these as drafts or publish them so that they are sent to a customer back-end system. SAP SNC can also receive quality notifications created by a customer in his or her back-end system.

Suppliers and customers can use statuses to record the current stage of processing. Changes to quality notifications can be transferred back and forth between SAP SNC and a customer back-end system.

Suppliers and customers can use subject codes to classify a quality notification according to the defects or problems being reported. On item level, suppliers and customers can use defect type codes to identify the type of problem being reported in the item.

Integration with a Back-End System

SAP SNC supports the integration of quality collaboration with an SAP customer back-end systems as of enhancement package 5 for SAP ERP 6.0 that has the *Quality Management: Extensions in FMEA and Q-Notifications* (OPS_QM_EXTENSION_2) business function activated. You can use `QualityIssueNotificationSUITENotification` messages to transfer quality notifications between SAP SNC and the customer back-end system.

Integration with Other SAP SNC Applications

You can use quality collaboration in conjunction with ASN processing, purchase order processing, and work order processing. A supplier or customer can reference an ASN, purchase order, sales order or work order in a quality notification. You can view quality notifications related to purchase orders, work orders and ASNs directly from the respective details screens and from the purchase order and ASN overview screens for these order document types. In addition, a supplier can create a quality notification for a purchase order item or a component directly from the purchase order details screen as well as for a work order in- and output component on the work order details screen.

Integration with Collaboration Folders (cFolders)

A supplier and customer can use cFolders to store and share additional files that are relevant to a quality notification.

Effects on Existing Data

Effects on Menus

The Web menu for customers and suppliers in SAP SNC has been enhanced by the following entry:

Quality. The area menu has been enhanced by the following new entry: *Supply Network Collaboration* -> *Quality*.

Effects on Existing Screens

On the *PO Overview*, *PO Details*, *ASN Overview* screens, the new *QN Created* field has been added that shows whether a quality notification has been created that references the purchase order. A pushbutton to navigate to relevant quality notifications has been added to the following screens:

- *PO Details*
- *Work Order Details*
- *ASN Details*

Effects on Order Document Management

After the activation of the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), you must perform some manual steps to activate order document management (ODM) for quality notifications. For more information, see SAP Note 1338993.

Effects on System Administration

New Reports

As a customer, you can use the following new reports to handle unneeded quality notifications or quality notifications that have not been published correctly:

- *Generate and Publish XML Message for Quality Notification* (/SCA/QIN_PUBLISH)
This report is used to re-send the outbound XML message for any quality notification that has been published, but for which the sending of an XML message failed.
- *Close Quality Notifications* (/SCA/QNOT_CLOSE)
You use this report to close quality notifications that have the Completed status.
- *Delete Quality Notifications* (/SCA/QNOT_DELETE)
You use this report to delete quality notifications that have been closed.

Report for Generating Alerts

The *Generate Alerts for Quality Notifications* (/SCA/QNOT_ALERT) generates alerts for quality notifications that should already be closed based on their required end date, but that are still open. The report can be run directly or scheduled as a job for regular run

Roles

The following roles have been enhanced to include authorizations to call up the new quality collaboration supplier or customer screens:

- *Supplier Collaboration: Superuser and Administrator (Supplier)* (SAP_SCM_ICH_SU_SUP)
- *Supplier Collaboration: Administrator (Customer)* (SAP_SCM_ICH_ADM_CUS)
- *Supplier Collaboration: Superuser (Customer)* (SAP_SCM_ICH_SU_CUS)

The new *Quality Collaboration (Supplier)* (SAP_SCM_ICH_QN_SUP) role is also available.

Effects on Customizing

You make the settings for quality collaboration in Customizing for *Supply Network Collaboration* under *Quality*.

You can transfer the Customizing data from SAP ERP to SAP SNC using the Customizing Distribution function in SAP Solution Manager. This copies Customizing entries to temporary tables in SAP SNC. The /SCA/QN_FILL_CUST report in SAP SNC is then used to adjust the entries so that they fit the SNC tables and then move the entries to the SAP SNC Customizing tables.

Business Add-Ins are available for processing quality notifications that you can call up under *Business Add-Ins (BADIs) for SAP SNC -> Quality -> Processing Inbound and Outbound Messages*.

To change outbound data processing of the QualityIssueNotificationSUITENotification XML message, you can use the /SCA/BIF_O_QINSUITENOT BAdI (see *Supply Network Collaboration -> Business Add-Ins (BADIs) for SAP SNC -> Basic Settings -> Processing Inbound and Outbound Messages -> BADIs for Message Interfaces (Outbound XML Messages) -> BAdI for QualityIssueNotificationSUITENotification_Out*).

To change inbound data processing of the QualityIssueNotificationSUITENotification XML message, you can use the /SCA/BIF_I_QINSUITENOT BAdI (see *Supply Network Collaboration -> Business Add-Ins (BADIs) for SAP SNC -> Basic Settings -> Processing Inbound and Outbound Messages -> BADIs for Message Interfaces (Outbound XML Messages) -> BAdI for QualityIssueNotificationSUITENotification_In*).

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Quality Collaboration*.

2.4.25 SCM-ICH-REL Scheduling Agreement Release

2.4.25.1 SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, processing of advanced shipping notifications (ASNs) has been enhanced with the following new features:

- **Supplier and customer batch numbers**
On the *ASN Details* screen, *ASN History* screen, and *ASN History Comparison* screen, the new *Supplier Batch Number* field has been added. The *Batch Number* field has been renamed to *Customer Batch Number*.
- New **Last Published** field

On the *ASN Details* screen, on the *Admin Details* tab page, the new *Last Published* field has been added.

- **Shipment Assignment**

On the following screens, the new *Shipment Assigned* field has been added, which shows whether an ASN is assigned to a shipment:

- *ASN Overview* screen
 - *Shipping Details* tab page of the *ASN Details* screen
- You can navigate to the shipment by clicking the shipment number.

- **New ASN alerts for shipment collaboration**

To support the integration with the new *Shipment Collaboration* component, the following new ASN alerts have been introduced:

- *Overdue ASN Is Not Yet in Shipment*
- *ASN Delivery Date Was Overwritten by Shipment*

- **Calculation of total weights and volumes**

The new pushbutton *Calculate Totals* has been added to the *ASN Details* screen. If you choose this pushbutton, the system calculates the total gross weight, the total net weight, and the total volume of an ASN and their respective units of measurement. Note that the system only calculates the total weights and volumes if the user has not entered manual values.

- **ASN-based due quantities**

When you publish an ASN, the system automatically updates the ASN-based due quantity in the schedule line of the referenced scheduling agreement release. The due quantities are now displayed on the *Due List for Purchasing Documents* screen.

- **Copy of ASN item**

On the *Create ASN* screen and the *ASN Details (Supplier)* screen, in change mode, you can use the new *Copy Item* pushbutton to create a new item based on a selected item.

- **Integration with the new *Quality Collaboration* component**

From the *ASN Overview* and the *ASN Details* screens, you can navigate to the quality notifications that are related to an ASN.

- **Number of goods receipt document in *Received Delivery Notification* inbound operation**

The *Received Delivery Notification* inbound enterprise service operation was enhanced in such a way that it can now also receive the number of the referenced goods receipt document at item level.

Effects on Existing Data

Effects on Screens

The *ASN Overview* screen has been redesigned with the personal objects worklist (POWL) technology.

Effects on ASN-Based Due Quantities

After you have activated the business function *Supply Network Collaboration 1* (SCM_SNC_GEN_1), you must run the report *Due Quantity Computing and Setting Change Status Flag in SA Releases* (/SCA/REL_DUE_CHG_SET). The report calculates the ASN-based due quantity for existing scheduling agreement releases. For more information, see the report documentation.

See also

For more information, see the following documentation:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Delivery Collaboration -> ASN Processing*
- Release note ASN Alert Types for Release Processing (Enhanced)
- Release note Generation of ASN Alerts (Enhanced)
- Release note Shipment Collaboration (New)
- Release note Quality Collaboration (New)

2.4.25.2 SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, new ASN alerts types are available for release processing (alert types 7437 to 7444). The alerts inform about deviations between the ASN item data (quantity and delivery date/time) and the corresponding data in the request schedule lines or in the confirmation schedule lines of the current scheduling agreement release. SAP SNC creates or updates these alerts automatically upon publication of an ASN or upon receipt of the successor release.

See also

SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Delivery Collaboration -> ASN Processing -> ASN Alerts -> Generation of Alerts for Non-Matching ASNs in Release Processing*

2.4.25.3 SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can navigate from the receipts and requirements list to the relevant detail screen of a receipt or requirement element. This feature is available for the following order documents:

- ASN
- Purchase order confirmation
- Purchase order
- Forecast delivery schedule
- JIT delivery schedule
- Scheduling agreement confirmation
- Replenishment order

You can navigate from the due list for purchasing documents, (*Order Doc. Number* column), using a link to the respective order document type detail screen, which, depending on the document type is either the purchase order details screen, the replenishment order details screen, or the release details screen.

2.4.25.4 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management

- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)

- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.25.5 SCM_SNC_GEN_1: Revision Level (New)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the revision level is available in the following document types:

- Purchase orders
- Work orders
- Scheduling agreement releases
- Advanced shipping notifications (ASNs)

Effects on Data Transfer

If you want to transmit 2-character revision levels from SAP ERP to SAP SNC, you must implement a user exit in SAP ERP for the following IDocs:

- IDocs for purchase orders:
 - ORDERS05
 - ORDINT01 (relevant to service parts planning)
- IDocs for scheduling agreement releases:
 - DELFOR01

For more information, see SAP Notes 888599 and 1438427.

If you want to transfer the revision level on component level of a purchase order item, then you must transfer purchase orders using the `PORDCR102` IDoc as of enhancement package 5 for SAP ERP 6.0, or you can use the `PurchaseOrderERPReplenishmentOrderCollaborationNotification`

XML message.

The `DespatchedDeliveryNotification` XML message contains the revision level. However, in the standard delivery, the `DESADV.DELVRY03` IDoc for receiving an ASN in the ERP system does not contain the revision level.

2.4.25.6 SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a number of additional selection parameters are available on various screens..

Effects on Existing Data

On the purchase order worklist, additional selection parameters are available for the worklist object types:

- In the *Confirm&Publish Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Canceled / Blocked Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Product group
 - Product group type
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on

- Seller
- Original sales order number
- WBS element
- Approval status
- Group indicator
- In the *Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Rejected Purchase Order Items* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Group indicator
 - Purchasing group
- In the *Purchase Order Items (Customer)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator

- Purchasing group

In the supplier view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type

In the customer view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type
- Purchasing group

On the *Documents Requiring Invoices* screen, the shipping date is available as a selection parameter.

The purchasing group is now available as a selection parameter on the following screens:

- Customer worklists for purchase orders as described above
- Customer overview screens for purchase orders, advanced shipping notifications, releases, and invoices
- Customer due list for purchasing documents (as described above) and the customer receipts and requirements list

2.4.26 SCM-ICH-REP Reporting

2.4.26.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)

- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.27 SCM-ICH-RET Returns**2.4.27.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements

- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)

- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.28 SCM-ICH-SCO Supplier Confirmations**2.4.28.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)

- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)
- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.29 SCM-ICH-SNI Supply Network Inventory**2.4.29.1 SCM_SNC_GEN_1: Business Function Supply Network Collaboration 1 (New)****Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, the business function *Supply Network Collaboration 1* is available. With this business function, you can do the following, for example:

- Group purchase orders and work orders to improve visibility and collaboration across the supply network
- Enable collaboration on quality issues between suppliers and customers using quality notifications
- Improve collaborative planning between SAP Advanced Planning and Optimization (SAP APO) and SAP SNC
- Improve supplier connectivity and ease of operation
- Improve ease of use with bi-directional integration with SAP NetWeaver Identity Management
- Improve visibility and decision support with quick view enhancements
- Improve engineering collaboration with the sharing of documents using Collaboration Folders
- Group ASNs into a single shipment in SAP SNC
- Use miscellaneous ASN enhancements
- Send additional confirmation data to the customer (such as MPN or price)

For more information, see the following release notes:

- SCM_SNC_GEN_1: Navigation from RR Overview to Data Import Controller (New)
- SCM_SNC_GEN_1: Replenishment Order (Enhanced)
- SCM_SNC_GEN_1: Promotion Collaboration (Enhanced)
- SCM_SNC_GEN_1: Product Prefilter for TLB Runs in PSM (New)
- SCM_SNC_GEN_1: Purchase Order Item Groups (New)
- SCM_SNC_GEN_1: Purchase Order Item Exceptions (New)
- SCM_SNC_GEN_1: Purchase Order Work List (Enhanced)
- SCM_SNC_GEN_1: Purchase Order Confirmation (Enhanced)
- SCM_SNC_GEN_1: Customer Batch Number (Changed)

- SCM_SNC_GEN_1: Purchase Order - Miscellaneous (Enhanced)
- SCM_SNC_GEN_1: Shipment Collaboration (New)
- SCM_SNC_GEN_1: Processing of Advanced Shipping Notifications (Enhanced)
- SCM_SNC_GEN_1: ASN Alert Types for Release Processing (Enhanced)
- SCM_SNC_GEN_1: Generation of ASN Alerts (Enhanced)
- SCM_SNC_GEN_1: Processing of Goods Receipt Messages (Changed)
- SCM_SNC_GEN_1: Quality Collaboration (New)
- SCM_SNC_GEN_1: Integration of Planned Receipts with the Customer (New)
- SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)
- SCM_SNC_GEN_1: User Administration (Enhanced)
- SCM_SNC_GEN_1: SAP SNC Monitoring with CCMS (Enhanced)
- SCM_SNC_GEN_1: Branding (New)
- SCM_SNC_GEN_1: Quick View (Enhanced)
- SCM_SNC_GEN_1: Collaboration Folders Integration (Enhanced)
- SCM_SNC_GEN_1: Due List for Pur.Docs. and R/R List (Changed)
- SCM_SNC_GEN_1: Revision Level (New)
- SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)
- SCM_SNC_GEN_1: Alert Enhancements (Enhanced)
- SCM_SNC_GEN_1: File Transfer (Enhanced)
- SCM_SNC_GEN_1: Smart Forms (Enhanced)
- SCM_SNC_GEN_1: BI Extractors (Enhanced)
- SCM_SNC_GEN_1: Software Component SNC IC in ESR (New)

See also

For more information, see SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com>, under *Business Functions for SAP Supply Network Collaboration*.

2.4.29.2 SCM_SNC_GEN_1: Manual Change of Inventory Data for SNI (New)**Use**

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, you can manually change inventory data on the supplier view of the *Inventory Overview* screen for Supply Network Inventory. You can only modify inventory data if the business partner to whom you belong is the data-providing partner of that inventory data.

Effects on Data Transfer

Inventory data coming from XML message exchange or from file transfer overwrites manually changed data. Manual changes of inventory data also overwrite inventory data that has been received from XML messages or file transfer.

See also

For more information, see the following:

- Main release note for the Business Function Supply Network Collaboration 1 (New)
- SAP Library for SAP Supply Network Collaboration on SAP Help Portal at <http://help.sap.com> under *SAP Supply Network Collaboration -> Supply Network Inventory -> Web Screens in the SNI Monitor -> Manual Change of Inventory Data*

2.4.29.3 SCM_SNC_GEN_1: Selection Parameters on Web Screens (Enhanced)

Use

As of SAP enhancement package 1 for SAP Supply Network Collaboration (SAP SNC) 7.0, a number of additional selection parameters are available on various screens..

Effects on Existing Data

On the purchase order worklist, additional selection parameters are available for the worklist object types:

- In the *Confirm&Publish Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status

- Exception
- Group indicator
- In the *Canceled / Blocked Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Product group
 - Product group type
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Group indicator
- In the *Purchase Order Items (Supplier)* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Seller
 - Original sales order number
 - WBS element
 - Approval status
 - Exception
 - Group indicator
- In the *Rejected Purchase Order Items* worklist object type the following additional selection parameters are available:
 - Customer batch
 - Item changed on (relative to today)
 - Item changed on
 - Group indicator
 - Purchasing group
- In the *Purchase Order Items (Customer)* worklist object type the following additional selection parameters are available:

- Customer batch
- Item changed on (relative to today)
- Item changed on
- Seller
- Original sales order number
- WBS element
- Approval status
- Exception
- Group indicator
- Purchasing group

In the supplier view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type

In the customer view of the due list for purchasing documents, the following additional selection parameters are available:

- Approval status
- Confirmation status
- Order document type
- Purchasing group

On the *Documents Requiring Invoices* screen, the shipping date is available as a selection parameter.

The purchasing group is now available as a selection parameter on the following screens:

- Customer worklists for purchase orders as described above
- Customer overview screens for purchase orders, advanced shipping notifications, releases, and invoices
- Customer due list for purchasing documents (as described above) and the customer receipts and requirements list