MM Materials Management

SAP R/3 Enterprise
Release 4.70

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13 MM  Materials Management

13.1 Country Version India in Standard R/3 System

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), Country Version India is no longer delivered as an add-on but as part of the standard R/3 System.

Integration of functions in the SAP Easy Access menu

The functions for withholding tax have been integrated into the SAP Easy Access menu, under Accounting -> Financial Accounting -> Accounts Payable -> Withholding Tax -> India and Accounting -> Financial Accounting -> Accounts Receivable -> Withholding Tax -> India.

You can access all other functions using the area menu J1ILN, which you can call from the SAP Easy Access screen using the transaction code J1ILN.

Country Version India Implementation Guide

The Country Version India Implementation Guide (IMG) has been integrated into the standard Reference IMG (see Changes to Structures for Country Version India).

Release Notes

You can access release notes from previous add-on releases using the links below.

SAP Library Documentation

The SAP Library documentation for Country Version India is also delivered on the standard SAP Library documentation CD (see below).

New and Changed Functions

For information about new and changed functions for Country Version India, see the other release notes for this release.

Effects on Existing Data

You do not need to change any data.

Effects on Customizing

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<td>Activate Country Version India for Specific Fiscal Years</td>
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See also

SAP Library -> Financials or Logistics -> Country Versions -> Asia-Pacific -> India.

Release Notes from Country Version India Add-On (FI)

Release Notes from Country Version India Add-On (SD)

Release Notes from Country Version India Add-On (MM)
13.2 Condition-Based Tax Calculation (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), a new method for calculating taxes in Brazil is available, which makes use of the standard condition technique. Tax rates, tax laws, and special indicators that influence whether tax line items are included in the nota fiscal are all stored in the system as condition records. An additional tax calculation procedure, TAXBRC, is delivered for this new method, in addition to the existing one for Brazil, TAXBRJ.

Effects on Existing Data

You can continue to calculate taxes using the former method: when the system processes the tax procedure assigned to the country (TAXBRJ), it calculates the taxes externally by calling function module J_1BCALCULATE_TAXES. We do, however, recommend that you assign the new procedure TAXBRC and use the condition-based tax calculation functions, as it enables you to flexibly adapt the tax calculation logic to cover new legal requirements or special customer needs.

You will need to migrate your existing tax rate table entries to condition records, which you can do directly from the Tax Manager's Workplace described below. You can check all tables and subsequently convert the entries, whereby the system generates condition records. After the initial migration, each time you create or change a tax rate table entry, the system automatically generates a condition record as needed.

Effects on Customizing

If you want to employ the new condition-based tax calculation, you need to activate it and carry out all related Customizing activities, under Financial Accounting -> Financial Accounting Global Settings -> Tax on Sales/Purchases -> Basic Settings -> Brazil -> Condition-Based Tax Calculation, all of which are new:

- Activate Condition-Based Tax Calculation
- Map MM Tax Values to Nota Fiscal Fields
- Map SD Tax Values to Nota Fiscal Fields
- Map MM Tax Laws to Nota Fiscal Fields
- Define Internal Codes for Tax Conditions
- Assign Internal Codes for Tax Conditions to Condition Types
- Assign Tax Rate Tables to Condition Tables

In addition, you need to assign the new tax calculation procedure TAXBRC to the country in Customizing, under Financial Accounting -> Financial Accounting Global Settings -> Tax on Sales/Purchases -> Basic Settings -> Assign Country to Calculation Procedure.

A new Customizing tool called the Tax Manager's Workplace is available that enables you to make all tax-related settings for Brazil. You access it under the same path as above through Tax on Sales/Purchases, then Calculation -> Settings for Tax Calculation in Brazil -> Access Tax Manager's Workplace, or alternatively by entering transaction J1BTAX. You can use the Tax Manager's
Workplace regardless if you use condition-based tax calculation; it simply brings all tax activities to a single transaction (only the Migration, Nota-Fiscal Mapping, and Condition Mapping options under the Condition Setup pulldown menu are relevant only for condition-based tax calculation).

13.3 Changes to Structures for Country Version India

Use

As of SAP R/3 4.7, Country Version India is no longer delivered as an add-on, but forms part of the standard system.

SAP has discontinued the Country Version India Implementation Guide (IMG) and has added its activities have been added to the standard Reference IMG as follows:

Activities relating to withholding tax are now located in Customizing for Financial Accounting (FI), under Financial Accounting Global Settings -> Withholding Tax.

Activities relating to excise duty and excise invoices are in Customizing for Logistics - General, under Tax on Goods Movements -> India.

As far as the activities under Preparatory Activities are concerned, two of them (Activate Country Version India for Accounting Interface and Activate Processes) are no longer relevant and have been removed from the IMG entirely. The activity Execute Country Installation Program is already included in the standard IMG under the name Localize Sample Organizational Units. And the other two activities (Activate Country Version India for Specific Fiscal Years and Activate Business Transaction Events) have been added to the standard IMG.

For information about other changes to the IMG relating to changes in the functions in Country Version India, see the other release notes.

13.4 Release Notes from Country Version India Add-On (MM)

Use

The Release Notes from Releases 3.0A and 4.0A of Country Version India for Materials Management (MM) are listed below. For more Release Notes, see the alias globalization in SAPNet, and choose Media Center -> Country-Specific Documentation -> Country Version India - Release Notes.

Release 3.0A

- CENVAT Credit on Capital Goods After Budget 2000 (Changed)
- Multiple Goods Receipts for Single Excise Invoices
- Enhancements to CVD Solution
- Pricing Date Control in Excise
- Order Price Unit in Excise
- Alternate Assets MODVAT Capitalization
- Enhancements for 57 F4
- User Exits for Customer Validations

**Release 4.0A**

- Procurement Transactions for Excise Invoices
- New Transactions Based on User Roles for Incoming Excise Invoices
- Capture Excise Invoices with Reference to Multiple POs for the Same Vendor
- Capture Excise Invoice and Post CENVAT in a Single Step
- Open Schedule Quantity Defaulted in Excise Capture for Scheduling Agreement
- Accounting Document Simulation for CENVAT Postings
- Rejection Codes for Excise Invoices
- Single-Screen Transaction for All Excise-Related Entries
- Stock Transfer Orders Through MM Route
- Excise Invoices for Multiple Import Purchases
- Customs Invoices Can Be Captured Using Logistics Invoice Verification and Conventional Invoice Verification
- Material Type at Line Item Level
- Excise Invoice Capture Without PO
- Excise Invoice Without PO - Capture and Post in a Single Step
- Recalculation of Duty and Excise Defaults Restore Feature Available
- Split of Nondeductible Taxes During Excise Invoice Capture
- Error or Warning Messages Displayed at the Time of Saving
- Reversal of Excise Duty
- MIGO Solution Available as a Note 0408158 (Featuring All functionalities as in MB01)
- Excise Invoice Defaults in Excise Popup at Goods Receipt
- Split Accounting Lines for CENVAT Posting
- Authorization for Incoming Excise Invoices Extended
- Authorization Available for Part I Entry at GR
- Authorization Available for Register Update Transaction
- User Exit Available for Incoming Excise Invoice Transaction for Defaulting Values
- User Exit Available for Incoming Excise Invoice Transaction Before Database Update
- User Exit Available for Register Update for Validations on Fetched Records Based on Selection Criteria
- User Exit Available for Register Update of RGSUM Register
- User Exit Available for Excise Invoice Create for Other Movements to Default the Excise Details
Register Update Separately Handled for Receipts and Issues Based on Classification Code

- Ship-From Vendor Can Be Defaulted and Captured in Incoming Excise Invoices for Other Movements
- Removal Time Can Be Captured in Excise Invoices for Other Movements
- Field Selection of Incoming Excise Invoices
- Transaction Code Customizing for Incoming Excise Invoices
- Excise Group Setting for Part I Indicator for Blocked Stock, Stock Transfer Order, and Consumption Stock
- Multiple Goods Receipts and Multiple/SINGLE Credit Settings Available at Excise Group Level
- Rejection Code Master Setting for Posting on Hold Is Available
- Stock Transport Orders

13.5 MM: Overview of Changes to SAP R/3 Enterprise Core 4.70

Use

In the following, you can see an overview of all changes in the application component MM-Materials Management. You can display the corresponding release infos directly.

- **Purchasing (MM-PUR)**
  - Accessibility Barriers Removed: Purchasing Lists Converted to ALV Grid (Changed)
  - Business Add-Ins in Purchasing
  - Matchcodes Superseded by Search Helps in Purchasing
  - Continuation of Conventional Purchase Order and Purchase Requisition Transactions
  - Reports for Inclusion of Derivative Financial Instruments in Balance Sheet
  - New Change Documents in Purchasing
  - Version Management in Purchasing
  - Changeability of Configuration Controllable in Purchasing
  - Display of Commitments in External Purchasing Documents and Purchase Requisitions
  - Commitment in Stock Transfer Documents
  - Release Transactions in New Interactive Design
  - New Workflows for Refusal to Release
  - Reminder Level as Selection Criterion for Reminders and Expediters Relating to Purchasing Documents
  - Copying Rules for Conditions in Purchasing
  - Automatic Generation of Purchase Orders from Purchase Requisitions in New Interactive
Design
- Enjoy Purchase Requisition - Assign and Process
- Release of Enjoy BAPIs: BAPI_PO_CREATE1 and BAPI_PO_CHANGE
- Consignment Also Possible on Cross-Company- Code Basis
- Different Delivery Types in a Single Stock Transfer Document
- Supplementation of Personal Settings in Enjoy Purchase Order
- Underdelivery Tolerance in the Case of Stock Transport Orders

o Service (MM-SRV)
  - Returns for Service Entry Sheets from Time- Sheets

o Inventory Management (MM-IM)
  - Functional Enhancements in MIGO
  - Replacing the MB* Transactions with Transaction MIGO
  - Business Add-Ins in Inventory Management
  - Functional Supplement for BAPI CreateFromData
  - Create a Subcontract Order with Batch Number
  - Output Determination: Program for Creating Condition Records
  - SAP Smart Forms in Inventory Management

o Invoice Verification (MM-IV)
  - Overview of Developments in Logistics Invoice Verification
  - All Functions in Logistics Invoice Verification
  - Automatic Quantity and Amount Distribution for Multiple Account Assignment
  - Business Add-Ins in Logistics Invoice Verification
  - Enhancements to BAPIs in Logistics Invoice Verification
  - EDI: Posting to Material and G/L Accounts Using Customer Exit
  - Enhancements to the Invoice Overview
  - Verifying Freight Invoices in the Background
  - Displaying MM and FI Document Numbers

13.6 MM-CBP
   Consumption-Based Planning (See Also PP-MRP)

13.6.1 MM-CBP-CBP
   Consumption-Based Planning (See Also PP-MRP)
13.6.1.1 Alternative Historical Data/Post Distribution Forecasting

Use
As of SAP R/3 Enterprise Retail 1.10 (EA-RETAIL 110) you can improve the accuracy of forecasting by using alternative historical data (AHD) / Post Distribution Forecasting (PDF) as the data basis for consumption-based planning.

These new functions mean that you no longer need the past consumption values as the data basis for the forecast.

Using alternative historical data/Post Distribution Forecasting has the following advantages if the consumption values available do not reflect the actual requirements sufficiently:

- Improved forecast precision for distribution centers (avoiding the bullwhip effect).
- Reduced stock in the distribution center due to a decreased safety stock.
- Increased revenue by avoiding missed sales.

You can also construct delivery relationships. A delivery relationship states which recipients (plants and/or customers) are to receive a certain material from a plant. Delivery relationship determination is useful in a Post Distribution Forecasting scenario in which the forecast in the distribution center is created on the basis of store and/or customer requirements and it is necessary to restrict the receiving plants and/or customers. However, Post Distribution Forecasting scenarios are also possible without explicit determination of the delivery relationship.

Only use the functions alternative historical data and Post Distribution Forecasting for retail materials and plants.

Effects on Data Transfer
In principle, alternative historical data can originate from any data source. In the standard system, a scenario is delivered, for which the alternative historical data is read from the component SAP BW into SAP R/3. You can connect to another now SAP BW data source using the Business Add-In (BAdI) provided.

The following BAdI is provided for this purpose:

- BAdI: AHD/PDF scenario

Effects on System Administration
Note that delivery relationship determination and loading alternative historical data can influence runtime and hence affect system performance.

Effects on Customizing
Carry out the following IMG activities in Customizing for alternative historical data, Post Distribution Forecasting, delivery relationship determination and for data retraction for Retail/CP:

- Control of Alternative Historical Data and Post Distribution Forecasting
- Profile for Delivery Relationship Determination
- Document Types for Delivery Relationship Determination
- Data Retraction for Retail/CP
13.6.1.2 Multi-Step Replenishment

Use

As of SAP R/3 Enterprise Retail 1.10 (EA-RETAIL 110) you can use multi-step replenishment. Multi-step replenishment is a performance-optimized variant of the sales forecast and store replenishment. Multi-step replenishment can only be used for stores.

The aim of multi-step replenishment is to reduce the time requirement within the critical time frame.

IMPORTANT:

- You should use multi-step replenishment as an alternative to replenishment particularly if it will improve performance.
- Use multi-step replenishment if there are sufficient system resources available outside the time frame. If there are not sufficient free resources available outside the critical time frame, multi-step replenishment will not bring any improvement to performance.

Using multi-step replenishment improves performance by moving the burden out of the critical time frame to a time before or after.

Using multi-step replenishment causes minimal changes to the procedure.

For more detailed information on the process of multi-step replenishment, see ISR_WSRP_REPLENISHMENT and also the SAP Library under Logistics -> SAP Retail -> Purchasing -> Requirements Planning -> Multi-Step Replenishment.

Effects on Existing Data

The dataset grows because tables WRPL and WRPT have been extended. However, the volume of data to be processed is reduced by various optimizations.

Effects on Data Transfer

Note the following about data transfer for multi-step replenishment:

- Sales forecast: When using the standard tables (MAPR, MVER, PROP and PROW) data transfer is not required. When transferring consumption data, use the transfer program with transaction WFCS04.

Effects on System Administration

Schedule the relevant program.

Effects on Customizing

Activate multi-step replenishment for a store in Customizing for POS Inbound Updates by setting the "Update replenishment-based Inventory Management" field to "1" (Integrated replenishment-based inventory management).

See also

For more information, see the SAP Retail documentation (SAP Library -> Logistics -> SAP Retail ->
13.7 MM-PUR  Purchasing

13.7.1 Accessibility Barriers Removed: Purchasing Lists Converted to ALV Grid Control (Changed)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can display most of the lists used in Purchasing via ALV grid control. This makes the lists set out below fully accessible to disabled/handicapped users of the SAP system.

Prerequisites

In the SAPGUI, you can activate the lists in one of two ways:
- Via the selection criterion Scope of List (see also Effects on Customizing)
- Via the parameter ID ME_USE_GRID = 'X' in the user master record

In the SAP WEBGUI, select the Accessibility indicator when you log on. You then obtain all lists in ALV grid control format.

Lists that have been converted to the new format

o Activated via the selection criterion Scope of List in the SAPGUI:

<table>
<thead>
<tr>
<th>Transaction</th>
<th>Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME2B</td>
<td>Purchasing documents by requirement tracking number</td>
</tr>
<tr>
<td>ME2C, ME3C, ME4C</td>
<td>Purchasing documents by material group</td>
</tr>
<tr>
<td>ME2K, ME3K</td>
<td>Purchasing documents by account assignment</td>
</tr>
<tr>
<td>ME2L, ME3L, ME4L</td>
<td>Purchasing documents by vendor</td>
</tr>
<tr>
<td>ME2M, ME3M, ME4M</td>
<td>Purchasing documents by material</td>
</tr>
<tr>
<td>ME2N, ME3N, ME4N</td>
<td>Purchasing documents by document number</td>
</tr>
<tr>
<td>ME2W</td>
<td>Purchasing documents by supplying plant</td>
</tr>
<tr>
<td>ME3B, ME4B</td>
<td>Purchasing documents by requirement tracking number</td>
</tr>
<tr>
<td>ME4S</td>
<td>RFQs by collective number</td>
</tr>
<tr>
<td>ME5A, ME5K</td>
<td>List display of purchase requisitions</td>
</tr>
<tr>
<td>ME56</td>
<td>Assign source of supply to requisition</td>
</tr>
<tr>
<td>ME57</td>
<td>Assign and process purchase requisitions</td>
</tr>
<tr>
<td>ME58</td>
<td>Ordering: assigned purchase requisitions</td>
</tr>
<tr>
<td>ME55</td>
<td>Collective release of purchase requisitions</td>
</tr>
<tr>
<td>ME5F</td>
<td>Release reminder: purchase requisitions</td>
</tr>
<tr>
<td>ME28, ME35K, ME35L, ME45</td>
<td>Release purchasing documents</td>
</tr>
</tbody>
</table>

o Activated via parameter ID ME_USE_GRID = 'X' in SAPGUI
### Effects on Customizing

To be able to activate ALV grid control lists via the list scope, make the following settings in Customizing:

- Purchasing -> Reporting ->
  - Maintain Purchasing Lists -> Define Scope of List -> Detail View: Select Use ALV Grid Control indicator
  - Maintain Purchase Requisition Lists -> Define Scope of List -> Select ALV Grid indicator

### See also

You can display all Release Notes on system accessibility for disabled persons in a single step.

### 13.7.2 Business Add-Ins in Purchasing (New)

#### Use

As of _SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)_ , the following Business Add-Ins (BAdIs) are available in Purchasing:

- Deactivate 'Hold' Function for Enjoy Purchase Order
  - ME_HOLD_PO
Extend Processing of Enjoy Purchase Order
ME_PROCESS_PO_CUST

Customer's Own Screens in Enjoy Purchase Order
ME_GUI_PO_CUST

Define Follow-On Processing for External Purchasing Documents
ME_PURCHDOC_POSTED

Define Follow-On Processing for Purchase Requisitions
ME_REQ_POSTED

Control Changeability of Configuration Data
ME_CIP_ALLOW_CHANGE

Activate Additional Updating in Change Documents
ME_CHDOC_ACTIVE

Supplementation of Delivery Interface from Purchase Order
MM_EDI_DESADV_IN

Adopt Header Text When Copying Purchase Requisitions
ME_REQ_HEADER_TEXT

Activate Requisition Commitment Update from Other Applications
ME_REQ_OI_EXT

Adopt Tax Jurisdiction Code from Delivery Address
ME_TAX_FROM_ADDRESS

Run Through Items Again in the Event of Changes in EKKO
ME_CHECK_ALL_ITEMS

Control of Pricing Type: Additional Fields
ME_DEFINE_CALCTYPE

Effects on Customizing

You can maintain these Business Add-Ins in Customizing for Purchasing in the section Business Add-Ins for Purchasing.

See also

Further informationen on Business Add-Ins is available in the SAP library under Basis -> ABAP Workbench -> Changes to SAP Standard -> Business Add-Ins.

13.7.3 Matchcodes Superseded by Search Helps in Purchasing

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), all matchcodes are superseded because they are not supported in Unicode systems.
The IDs of the matchcodes MEBE, MEBZ and MEOR are replaced by elementary search helps of the same name. In the new search helps, database views, which take the place of the generated pool tables, are used as the selection method.

Since the views read directly from database tables, a suitable index has been created for the table used in each case.

The former matchcodes, new search helps, and database indexes are as follows:

<table>
<thead>
<tr>
<th>Match-Selection method</th>
<th>New index</th>
<th>Search help</th>
</tr>
</thead>
<tbody>
<tr>
<td>code</td>
<td>ID</td>
<td></td>
</tr>
<tr>
<td>old &amp; new</td>
<td>for table</td>
<td></td>
</tr>
<tr>
<td>MEBE</td>
<td>L</td>
<td>MEBEL</td>
</tr>
<tr>
<td>M_MEBEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEBE</td>
<td>X</td>
<td>MEBEX</td>
</tr>
<tr>
<td>M_MEBEX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEBZ</td>
<td>F</td>
<td>MEBZF</td>
</tr>
<tr>
<td>M_MEBZF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEOR</td>
<td>V</td>
<td>MEORV</td>
</tr>
<tr>
<td>M_MEORV</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Effects on Existing Data

If pool tables were still used in existing elementary search helps (MEBEL), these were likewise replaced by database views. The names of the new database views similarly match up with those of the pool tables.

There is thus no need for corrections in ABAP programs that use the pool tables.

The matchcodes, the matchcode IDs, the pool tables, and their pool/clusters have been deleted.

See also

Release Note on Matchcode Changeover

13.7.4 Continuation of Conventional Purchase Order and Requisition Transactions

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), please note the following planning regarding the conventional PO (ME21, ME22, ME23) and purchase requisition transactions: (ME51, ME52, ME53):

Maintenance:

An appropriate maintenance service will continue to be available for bugs that occur during interactive use or during use of the batch input facility in Release Enterprise Core 4.70.

Further development:
There will be no further development of the conventional purchase order and purchase requisition transactions.

Future releases:
SAP reserves the right to discontinue the conventional PO and requisition transactions in future releases.

13.7.5 Reports for Inclusion of Derivative Financial Instruments in Balance Sheet (New)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), SAP provides a report (RMFAS133) enabling you to determine purchasing documents affected by the Statement of Financial Accounting Standards (SFAS) 133. SFAS 133 stipulates that all derivative instruments are to be included in the balance sheet at their market value.

Two further reports facilitate a) the comparison of document lists (RMFASDTA) created at different times, and b) the deletion of no-longer-needed data (RMFASDEL).

13.7.6 Perishables Processing

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can use the following new functions for perishables processing:

Using the new allocation table and collective purchase order function modules for document generation:
SAP is providing new function modules for the allocation table and collective purchase order processes that will improve performance when generating documents.

Linking SAP BW with perishables planning:
You can use the new interfaces (methods: S160_EVALUATE and S160_FIL_EVALUATE from BAdl WDFR_BADI) to use InfoObjects in SAP BW as a source of information rather than the retailing information system (perishables information structure S160 and customer-defined info structure). You could, for example, use the sales data from the SAP BW InfoObjects. You must create and maintain the data structures, InfoObjects and data contents in SAP BW beforehand.

More flexible options for accessing the program run:
You can use new interfaces for this (method in BAdI: WDFR_BADI). These interfaces allow you to access the perishables planning process without having to make any modifications. The method names are chosen so they match the FORM routine names. This way, you can completely replace the perishables planning list creation with method TX_XX_FILL and the document generation with method FDIS_BELEGE_GENERIEREN.
Perishables planning list that can be saved

The previous function for saving is divided into 2 functions for saving the perishables planning list and for generating documents. Up until now, the documents were created with the save function. Subsequent and further processing are not included in the function.

Add vendors

You can use the new function "Add Vendor" to add a new vendor that already exists in the system to an article in the perishables planning list.

Effects on Existing Data

You can use transaction WDFR2 "Change Perishables Planning List" to subsequently process the perishables planning and to create documents at the very last minute. This improves general system performance and reduces the system load. Transaction WDFR3 "Display Perishables Planning List" completes the perishables processing.

13.7.7 MM-PUR-GF     Basic Functions

13.7.7.1 New Change Documents in Purchasing (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the following new change documents are available in Purchasing:

- **Versions of purchasing document** (REVISION)
  - In this change document, the system documents the changes to a version.
  - See also: Version Management in Purchasing (New)

- **Document assignment in purchasing** (EINKDOKUMENT)
  - In this change document, the system documents assignments of a DMS document to a purchase requisition or an external purchasing document and any deletions of such assignments.

- **Subcontracting components** (MDSB)
  - In this change document, the system documents the changes made to the subcontracting components in a subcontracting purchase requisition or an external subcontracting purchasing document.

- **Import/export data** (EXPIMPBELEG)
  - In this change document, the system documents changes you make to import or export data.

Furthermore, the following change documents have been extended through the addition of the *time-independent conditions* (table KONVC):

- **Purchasing document** (EINKBELEG)
- **Change document: External Services Management** (MM_SERVICE)

Changes to time-independent conditions in a purchasing document or within the framework of External Services Management are now documented by the system.

Note
You can now also generally display the change documents via ALV grid control.

**Effects on Customizing**

With the exception of the versions of the purchasing document, you archive the aforementioned change documents via the Business Add-In (BAdI) ME_CHDOC_ACTIVE: *Activate Additional Updating in Change Documents.*

You can maintain the Business Add-In in Customizing for Purchasing in the section *Business Add-Ins for Purchasing.*

### 13.7.7.2 Version Management in Purchasing (New)

**Use**

As of Release 4.70, a Version Management facility is available in Purchasing, enabling you to generate versions of purchase requisitions and external purchasing documents (e.g. purchase orders).

A version comprises a collection of change documents generated as a result of the subsequent processing of a purchasing document. The version thus indicates the status of the purchasing document, thus enhancing the previous change log for purchasing documents.

Version Management affords the following advantages for procurement:

- It is easier to retain an overview of changes made to requisitions and external purchasing documents even if comprehensive changes have been made to a certain document:
  - The changes are easy to retrace
  - You can check which data has been passed on to the vendor

- Communication with the vendor is facilitated. For example, you can now refer to a certain version of a PO when phoning a vendor.

- Changes to long texts (e.g. the delivery text) are documented. This is of particular interest in the procurement of capital goods. Hitherto, it has not been possible to retrace changes affecting long texts. With Version Management, it is even possible to compare different editions of a text with each other.

**Effects on Customizing**

In order to be able to use Version Management, you must activate it in Customizing for *Purchasing* under *Version Management - ->*

- *Set up Version Management for Purchase Requisitions* for the relevant combination of document category and document type.

- *Set up Version Management for External Purchasing Documents* for the relevant combination of document category, document type, and purchasing organization.
13.7.7.3 Changeability of Configuration Controllable in Purchasing

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can decide whether or not the configuration of materials is to be changeable in purchase requisitions or external purchasing documents.

The function Configuration in Purchasing itself has been in existence since Release 4.6C. Please therefore also refer to the Purchasing release note of the same name for Release 4.6C.

Effects on Customizing

You activate and deactivate the changeability of the configuration data in Purchasing via the Business Add-In ME_CIP_ALLOW_CHANGE: Control Changeability of Configuration Data.

You can maintain the Business Add-In in Customizing for Purchasing in the section Business Add-Ins for Purchasing.

13.7.7.4 Display of Commitments in External Purchasing Documents and Purchase Requisitions (New)

Use

As SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can display the relevant commitment directly in purchase orders, scheduling agreements, and purchase requisitions.

Invoke the commitment display from within the already posted document via the following menu path:

Environment -> AC Commitment Documents

Note:

The commitment displayed relates to the whole document and is not item-specific.

13.7.7.5 Commitment in Stock Transfer Documents (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can have a commitment generated by the system in both stock transport requisitions and stock transport orders (for the longer-distance transfer of materials) and display the commitment in the documents. You activate or deactivate the function via the Business Add-In ME_COMMITMENT_STO_CH.

You invoke the commitment display for each item from within the already posted document via the following menu path:

Environment -> FI/CO Commitment Documents

Note:
The commitment of the stock transport requisition is reduced or cancelled out by the stock transport order. The commitment of the stock transport order is reduced or cancelled out by the value of the goods issue document.

A commitment can only be generated for items with single account assignment.

**Effects on Existing Data**

A data record is generated for the individual document items in the table COOI.

**Effects on Customizing**

The pricing condition type in the calculation schema for stock transfers must be set to non-statistical in order for the commitment to be updated with the net value:


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**13.7.7.6 MM-PUR-GF-TAX**

**Taxes**

**13.7.7.6.1 Condition-Based Excise Determination in MM (New)**

**Use**

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the system can calculate excise duties and sales tax in *Materials Management* (MM) using the standard condition technique.

SAP has enhanced the existing tax procedure, TAXINJ, so that it now supports formula-based and condition-based excise determination. The R/3 System also comes with a new tax procedure, TAXINN, which only handles condition-based excise determination.

**Which Tax Procedure Must I Use?**

**Existing customers** must continue to work using the same tax procedure.

If you switch to a new tax procedure, you cannot display any documents that you have already posted using the old tax procedure.

If you have worked with formula-based excise determination in previous releases and wish to continue, you do not have to do anything. However, if you wish to start using the condition-based excise determination method, proceed as specified below.

We recommend that **new customers** use the condition-based excise determination and tax procedure TAXINN.

**How Do the New Functions Work?**

First, customize the system in the activities listed below. Then, for each material, create one condition record for each form of excise duty and sales tax that applies, and enter the tax code for purchasing documents (see below) in every condition record.
When you come to create a purchase order, enter the tax code in each line item. The tax code tells the system whether to look in the condition types for formula-based or condition-based excise determination.

**Effects on Existing Data**

Existing customers can leave all of their existing vendor master data and material master data as it is.

When you have to enter new excise rates, you can use either the Excise Rate Maintenance transaction for formula-based excise determination or create condition records as described above if you want to use condition-based excise determination.

When you come to create a purchase order, the system determines on the basis of the tax code in the line item whether to use formula-based or condition-based excise determination. This way, you can use both methods concurrently, and even within the same purchasing document.

No tool is available for migrating the excise data from the old method to the new one.

**Effects on Customizing**

To set up the new excise determination method, carry out the following activities:

<table>
<thead>
<tr>
<th>IMG activity</th>
<th>What to do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check Calculation Procedure match the changes to</td>
<td>Existing customers: Adjust your tax procedure to match the changes to TAXINJ. Steps 560-583 are new, as are 593-598.</td>
</tr>
<tr>
<td>TAXINJ. Steps 560-583 are new, as are 593-598.</td>
<td>New customers: Create a copy of TAXINN.</td>
</tr>
<tr>
<td>New customers: Create a copy of TAXINN.</td>
<td></td>
</tr>
<tr>
<td>Select Tax Calculation Procedure for India.</td>
<td></td>
</tr>
<tr>
<td>Maintain Excise Defaults</td>
<td>New customers only: Assign the copy of TAXINN to India.</td>
</tr>
<tr>
<td>New customers only: Assign the copy of TAXINN to</td>
<td></td>
</tr>
<tr>
<td>New customers only: Enter the condition type that you use for countervailing duty.</td>
<td></td>
</tr>
<tr>
<td>Define a tax code.</td>
<td>Define a tax code.</td>
</tr>
<tr>
<td>Assign the tax code to the company codes that it is relevant for.</td>
<td>Assign the tax code to the company codes that it is relevant for.</td>
</tr>
<tr>
<td>Classify Condition Types for condition-based excise determination.</td>
<td>Specify which condition types you want to use for condition-based excise determination.</td>
</tr>
<tr>
<td>Define Tax Accounts</td>
<td>Check which G/L accounts the various taxes will be posted to. Define G/L accounts for the account keys used in the tax procedure.</td>
</tr>
</tbody>
</table>

**See also**

[SAP Library -> Logistics -> Country Versions -> India -> Materials Management (MM) -> Condition-Based Excise Determination.](#)

### 13.7.7.7 MM-PUR-GF-REL Release (Approval)

#### 13.7.7.7.1 Release Transactions in New Interactive Design

**Use**

As of SAP Release 4.70, the release (approval, clearance) facility for purchasing documents is available
in the new interactive design just like the existing functionality for creating, displaying and maintaining requisitions and purchase orders.

With the **Release Purchase Requisition** (ME54N) and **Release Purchase Order** (ME29N) transactions, an authorized person can display the current version of a requisition or PO and - without switching transactions - effect release with his or her release codes on the basis of this information.

**Note**
These transactions enable you not only to release but also to reject a requisition or requisition item.

### 13.7.7.7.2 New Workflows for Refusal to Release (Rejection) (New)

**Use**

As of Release 4.70, new workflows are available for the release procedure:

- **Refuse Individual Release of Purchase Requisitions**
  workflow WS65400027, task TS65400032

- **Refuse Overall Release of Purchase Requisitions**
  workflow WS65400029, task TS65400034
  These workflows enable you to inform the creator of a purchase requisition of the rejection of the requisition. The individual concerned then receives a work item with which he or she can process the rejected requisition in *Change Purchase Requisition (ME52N)*.

- **Refuse Release of Purchase Orders**
  workflow WS65400030, task TS65400035
  This workflow enables you to inform the creator of a purchase order of the rejection of the PO. The individual concerned then receives a work item with which he or she can process the rejected PO in *Change Purchase Order (ME22N)*.

### 13.7.7.8 MM-PUR-GF-OC Message Determination

### 13.7.7.8.1 Reminder Level as Selection Criterion for Reminders and Expediters relating to Purchasing Documents (New)

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, a further selection criterion is available for the issue of reminders and expediters relating to purchasing documents with delivery schedule lines: the maximum reminder level. You can thus enter the desired number of reminders and/or expediters when making your selection (ME91, ME91A, ME91E, ME91F), so that only those documents that have reached the reminder level specified are found and displayed.
13.7.8 MM-PUR-VM Vendor-Material Relationships and Conditions

13.7.8.1 Calculating Planned Delivery Time

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can calculate and change planned delivery times.

This function enables you to procure goods from your vendors more easily and, thereby, avoid out-of-stock or overstock situations in the warehouse.

Up until now, the data had to be maintained manually for the planned delivery time in 3 different places:

- At vendor level
- At material level
- At purchasing info record level.

The values that are maintained manually in these areas are, however, largely based on values gained from experience. They would quickly become invalid if the vendor’s behavior changed.

The new function allows you to:

1. Calculate the planned delivery time.
   When calculating the planned delivery time, the system determines the number of days between the purchase order being placed with the vendor and the actual goods receipt. The system calculates this for any combinations of vendor, plant, material, purchasing organization, and vendor subrange.

2. Change the planned delivery time data.
   This function helps you decide whether you would like to retain the planned delivery time you entered manually or whether you would like to replace it with the planned delivery time calculated by the system. You can make this decision for every single value in the master data for the vendor, material and purchasing info record.

Note that any change you make to the planned delivery times could affect procurement.

Important: The system calculates the planned delivery time in calendar days, not in working days.

Effects on System Administration

SAP recommends you use this function regularly.

Effects on Customizing

You do not need to make any Customizing settings.

13.7.8.2 MM-PUR-VM-SET Subsequent Settlement

13.7.8.2.1 Updating of Business Volume in Customer Settlements
Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can use the customer settlement
document in agency business to update bonus-relevant business volumes for subsequent settlement in
Purchasing (MM-PUR-VM-SET).

When you generate customer settlements from single settlement requests, the system updates the business
volumes that are relevant to subsequent settlement and posts the provisions for accrued income based on
the document conditions in the customer settlement. The system determines the condition records for the
subsequent settlement independent of the settings in the copying control (from the single settlement
request to the customer settlement).

Effects on System Administration

In the sales area data of the customer master, there is a new indicator - Document Index Active - that is
the same as the indicator in the vendor master. If you want to use the subsequent updating of business
volume in the customer settlement, you have to set this indicator for all the customers for whom you
expect retroactive rebate arrangements in the course of the year.

Note that this indicator is only valid for customer settlements. If you want to include single settlement
requests in the subsequent updating of business volume too, you must also set the indicator, Subsequent
Update in Accordance with Indicator in Customer Master in Subsequent Settlement Control
(transaction WMN9).

Effects on Customizing

In Subsequent Settlement in Customizing, you can enter the residence time for archiving for the
document category, Customer Settlement.

In Customizing for billing types under Agency Business, you can use the Additional Item Data field to
include purchasing condition records (especially condition records from subsequent settlement) in pricing
in the customer settlement. If you set this indicator, the system determines the relevant data (purchasing
organization, invoicing party, different invoicing party) from the single settlement request. Otherwise the
fields are empty during the price determination in customer settlement, and condition records that relate
to these fields are deleted from the price determination.

13.7.8.2.2 Discontinued Functions in Subsequent Settlement

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can no longer use the following functions:

- Settlement with a credit memo as a settlement document
  You can no longer use this form of settlement. Use vendor billing documents instead. For more
  information, see the release notes - Converting Subsequent Settlement to Vendor Billing Documents
  for Release 4.5.

- External data transfer using reports "RWMBONF0", "RWMBONF1" and "RWMBONF2"
  You can no longer use these reports to transfer data externally. For more information, see the release
  notes - New Functions in Subsequent Settlement for Release 4.6A and in particular the section on
  external data transfer.
You can only use the old reports for recompiling data if an error occurs. Note that the reports are not completely Unicode-compliant. No data files in Unicode format can be processed. Only existing ASCII files - files on the application server - can be read for recompilation purposes. Files on a front end (for example, on a PC) - these are files that are in binary format for technical reasons - can no longer be read after a conversion to Unicode. Therefore, they must be converted into ASCII format and stored on an application server.

It was already documented in earlier releases that the functions named here would be discontinued. Up until now, the old functions were available in parallel with the new. You can no longer use the old functions.

See also

For more information, see the documentation on SAP Retail (SAP Library -> Logistics -> SAP Retail) under Purchasing -> Subsequent Settlement.

13.7.8.2.3 Reorganization of Information Structures for Business Volume and Income

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can use a new function to reorganize the information structures for business volume and income. This function was already announced for 4.6C, but was not released until now.

Read the release notes on the reorganization of business volume and income for Release 4.5.

A performance measure was introduced for the purposes of parallel processing. The rebate arrangements that are to be processed are valued for the runtime in a start operation. This process has the advantage that the rebate arrangements that are performance-intensive are processed first. This way, the processes and system resources that are available are put to optimal use and the total runtime for the processing is minimized.

See also

For more information, see the documentation on SAP Retail (SAP Library -> Logistics -> SAP Retail) under Purchasing -> Subsequent Settlement.

13.7.8.3 MM-PUR-VM-CON Conditions

13.7.8.3.1 Copying Rules for Conditions in Purchasing (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can also define new copying rules for Conditions in Purchasing. The copying function enables you to create new condition records from existing ones with minimum effort. You establish relationships between source and target condition tables and define selection criteria for condition records in the copying rules.
Hitherto it was only possible to define new copying rules for condition records in Sales and Distribution (SD).

**Effects on Customizing**

The activity can be found in Customizing for Purchasing under:
- > Conditions -> Define Price Determination Process -> Copy Control For Conditions

**13.7.9 MM-PUR-OA Vendor Outline Agreements**

**13.7.9.1 MM-PUR-OA-SCH Scheduling Agreement**

**13.7.9.1.1 New Change Pointers for Condition Records (WIND)**

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, you have the following additional options for adjusting documents in condition changes:
- o Direct entries in the worklist after condition changes
- o Including additional data in an entry in the worklist

In the previous procedure, the entries were created in the worklist based on the change pointers for condition changes (message type CONDBI) in worklist creation (transaction ME14). In the new procedure, the change pointers are no longer needed. When a condition is changed, entries are created directly in the worklist. This removes the previous step in the process of creating the worklist from change pointers, which was very performance-intensive. In addition, you do not have to create change pointers for condition changes if they are not going to be used in other processes.

The Customizing that was valid for the previous worklist creation and that defines which condition types should be included in the worklist (table T6I1) is also valid for the direct entry. However, there are additional filter options in the new procedure. You can define for each document category for which types of condition changes (amount change, validity, pricing relevance) entries should be made in the worklist. There is also a BAdI that is dependent on the document category filter criterion with which customer-defined filter criteria can be implemented.

The following example describes the options offered by the BAdI:

Due to changing purchasing conditions, perishable materials are regularly repriced in short time periods. Therefore, sales prices do not need to be updated using the pricing worklist procedure. Use the material type, in this case, as an additional filter criterion in the retail pricing application (document category 10). When the basic purchase price of a perishable material is changed, the system does not create a worklist entry for this document category due to the filter criterion that was implemented.

The additional data in a worklist entry consists of header data from the conditions with which you can improve performance for the follow-on processing and of variable customer fields with which you can carry out selective subsequent processing. You make settings in Customizing for filling the customer fields (table T6I2S).

**Effects on Existing Data**
If you do not use change pointers for condition changes, the level of data for change pointers is reduced considerably. A change pointer generally consists of several entries in table BDCP and BDCP2.

The following changes are made:

- The width of table WIND increases from 45 to 262 bytes due to the additional tables.
- The number of table entries in the worklist can be reduced due to the additional filter criteria.
- Change pointers are no longer needed for message type CONDBI.

**Effects on System Administration**

The process step for creating the worklist from change pointers (transaction ME14) is no longer needed in the new procedure.

The check for existing document indexes (table S111) that can be used in the previous worklist creation must be implemented as an additional filter criterion in the BAdI (see example coding).

The migration of the worklist from the old to the new worklist entries is carried out using report RMEBEMIG. The report enhances the entries that are available using information from the condition records.

If you are converting from the old to the new procedure, a special adjustment procedure is required for every document category. This procedure is described in each of the applications that use the new procedure.

**Effects on Customizing**

Implement the new Customizing for the direct creation of worklist entries. If you are installing this for the first time or if you have not yet used the document adjustment function for a certain document category, set the indicator manually for migration and direct entry in Customizing. When converting from the old to the new procedure, the indicators in the migration procedure are set automatically.

You also determine the types of condition changes for each document category as filter criteria for which worklist entries should be created and how the variables should be filled.

Once you have made settings for direct entries in the worklist for all the document categories used, you do not have to create change pointers from message type CONDBI. Deactivate message type CONDBI in ALE Customizing.

You can also carry out this deactivation using the migration report.

**See also**

For more information, see the SAP Retail documentation (SAP Library -> Logistics -> SAP Retail) under Master Data -> Conditions -> Automatic Updating of Documents After Condition Changes.

### 13.7.10 MM-PUR-REQ Purchase Requisitions

### 13.7.10.1 PBET: Version Posting Date Derivation (Changed)

Use
As of SAP R/3 Enterprise Public Services 1.10, the Funds Management posting date for period-based encumbrance tracking (PBET) can be derived from the version posting date of purchasing documents (purchase requisition and purchase order).

### Effects on Existing Data

No impact on existing data.

### Effects on Customizing

You have to activate version management for the purchasing documents.

#### 13.7.10.2 Purchase Requisitions Generated from Sales Orders Update FM (Changed)

**Use**

As of SAP R/3 Enterprise Public Services 1.10, a purchase requisition that is generated out of an SD order line item creates a commitment line in Funds Management (FM). Budget can be assigned during this update.

**Effects on Existing Data**

Existing purchase requisitions cannot be updated automatically. This means that the new function applies only to newly created SD order lines.

**Effects on Customizing**

The purchase requisitions are treated as normal purchase requisitions in FM, so no special customizing is needed.

#### 13.7.10.3 Stock Transfer Orders Can Update Funds Management Commitment

**Use**

As of SAP R/3 Enterprise Public Services 1.10, the stock transfer order process is supported by Funds Management (FM). Purchase orders and requisitions for stock transfers are updated in FM as commitments. The purchase order is reduced by the goods issue (with PO reference).

**Effects on Existing Data**

Existing data is not automatically transferred into FM.

**Effects on System Administration**

You must activate this feature using the BADI ME_COMMITMENT_STO_CH. Activating it triggers an update in other modules (such as Controlling and Grants Management) also.

**Effects on Customizing**

No additional customizing is required.
13.7.10.4 Continuation of Conventional Purchase Order and Requisition Transactions

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), please note the following planning regarding the conventional PO (ME21, ME22, ME23) and purchase requisition transactions: (ME51, ME52, ME53):

Maintenance:
An appropriate maintenance service will continue to be available for bugs that occur during interactive use or during use of the batch input facility in Release Enterprise Core 4.70.

Further development:
There will be no further development of the conventional purchase order and purchase requisition transactions.

Future releases:
SAP reserves the right to discontinue the conventional PO and requisition transactions in future releases.

13.7.10.5 Enjoy Purchase Requisition - Assign and Process (Changed)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), in the further processing of requisitions you can access virtually all the processing and interface functions of the Enjoy purchase requisition transaction to easily assign sources and convert requisitions into follow-on documents (RFQs or POs).

The further processing of requisitions can now be carried out via a user-friendly single-screen transaction with three screen areas in accordance with the Enjoy approach.

- You can make changes to individual requisitions or access multiple requisitions
- The assignment of individual or multiple requisitions to sources of supply is accelerated
- The targeted conversion of requisitions into RFQs and POs is facilitated

Transaction ME57 thus also provides you with all the functions of the conventional transactions ME56 and ME58.

Prerequisites:
Activate Enjoy further processing via ALV grid control in the selection window via the scope of list (see also Effects on Customizing). As a result, the lists are also accessible to disabled/handicapped users.

Effects on Customizing

To be able to activate the ALV grid list via the list scope, make the following setting in Customizing:

______________________________________________________________
SAP AG
______________________________________________________________
o Maintain Purchasing Lists -> Define Scope of List -> Detail View: select *Use ALV Grid Control* indicator

13.7.10.6 Automatic Generation of Purchase Orders from Requisitions in New Interactive Design

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APL 470)*, you can use the new Enjoy transaction ME59N to automatically generate POs from purchase requisitions. This new transaction also satisfies requirements regarding accessibility to disabled/handicapped persons.

The new transaction for automatic PO generation also provides the following options:

- The following options are available for the **log**:
  - No details
  - Error messages only
  - All messages (i.e. including warning messages)

- You can now release against different contracts in a single purchase order. This is controlled via the additional parameter '*per contract*'.

- The results are shown in **interactive lists**. You can go directly to the underlying requisition, the assigned contract, or the generated purchase order.

- You also have various **export options** for the list of results:
  - Unconvertiert
  - Spreadsheet
  - Rich text format
  - HTML format

13.7.11 MM-PUR-PO Purchase Orders

13.7.11.1 PBET: Version Posting Date Derivation (Changed)

**Use**

As of *SAP R/3 Enterprise Public Services 1.10*, the Funds Management posting date for period-based encumbrance tracking (PBET) can be derived from the version posting date of purchasing documents (purchase requisition and purchase order).
Effects on Existing Data
No impact on existing data.

Effects on Customizing
You have to activate version management for the purchasing documents.

13.7.11.2 Stock Transfer Orders Can Update Funds Management Commitment

Use
As of SAP R/3 Enterprise Public Services 1.10, the stock transfer order process is supported by Funds Management (FM). Purchase orders and requisitions for stock transfers are updated in FM as commitments. The purchase order is reduced by the goods issue (with PO reference).

Effects on Existing Data
Existing data is not automatically transferred into FM.

Effects on System Administration
You must activate this feature using the BADI ME_COMMITMENT_STO_CH. Activating it triggers an update in other modules (such as Controlling and Grants Management) also.

Effects on Customizing
No additional customizing is required.

13.7.11.3 Release of Enjoy BAPIs: BAPI_PO_CREATE1 and BAPI_PO_CHANGE (New)

Use
The new BAPIs BAPI_PO_CREATE1 and BAPI_PO_CHANGE are officially released as of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470). Both BAPIs are based on the function logic of the Enjoy purchase order:

Both BAPI_PO_CREATE1 and BAPI_PO_CHANGE provide the following new options:
  o You can create or change partners individually (except for the partner role LF - vendor).
  o You can supply or change the delivery address in the BAPI.
  o Header and item texts can be processed by the BAPIs.
  o You can also define the item categories with the external display values (e.g. "B" instead of "1").
  o You can create, change, and delete condition records using the BAPIs and carry out a new price determination (pricing) process.
  o The configuration (e.g. as BOM in subcontracting) can be used in the BAPIs (but only if existing...
configurations or BOMs are used.

- You can create or change subitems.
- The BAPIs have an ALE interface and can be invoked via EDI.
- Purchase orders can now also be saved with the status On Hold via the BAPIs (but note that service and third-party orders cannot be put on hold).

The following special functions are available in the case of the BAPI BAPI_PO_CREATE1:

- You can create the PO with reference to another document (RFQ, requisition, contract, scheduling agreement, or another PO).
- You can define the vendor address in addition to the delivery address in the BAPI_PO_CREATE1.
- Version Management can also be used with the BAPI_PO_CREATE1.
- Import/export data can be supplied.
- Numbering of PO items can be influenced via the BAPI.
- A warning message heuristic indicates when interfaces are likely to be populated incorrectly.

The following special function is effective in BAPI_PO_CHANGE:

- A firewall prevents the manipulation of data that, according to the business logic of the purchase order, is not changeable in Purchasing (such as the PO number, vendor, etc.).

13.7.11.4 Consignment Also Possible on Cross-Company-Code Basis (New)

**Use**

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can also order for consignment stock from supplying plants belonging to other company codes, i.e. using the item category consignment. Up to and including Release 46C, it was not possible to create a cross-company-code purchase order with the item category consignment.

**Effects on Customizing**

The following field has been added in Customizing for Purchasing under Purchase Order -> Set Up Stock Transport Order -> Assign Delivery Type and Checking Rule (T161V):

- **DT Consgt** (delivery type for stock transfers to consignment stock)
13.7.11.5 Different Delivery Types in a Single Stock Transfer Document (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), it is possible to include both cross-company-code and intra-company-code stock transfer items in a single document.

Up to and including Release 4.6C, only one delivery type could be specified via the document type and the issuing (supplying) plant. As of SAP R/3 Enterprise, two new fields enable you to specify one delivery type in the cross-company-code case (cross company logic) and one in the internal case (internal posting logic).

Effects on Customizing

The following fields have been added in Customizing for Purchasing under Purchase Order -> Set Up Stock Transport Order -> Assign Delivery Type and Checking Rule (T161V):

- Delivery Type 1 (Delivery type for stock transfers within a company code) and
- Delivery Type 2 (Delivery type for stock transfers between two company codes)

13.7.11.6 Continuation of Conventional Purchase Order and Requisition Transactions

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), please note the following planning regarding the conventional PO (ME21, ME22, ME23) and purchase requisition transactions: (ME51, ME52, ME53):

Maintenance:
An appropriate maintenance service will continue to be available for bugs that occur during interactive use or during use of the batch input facility in Release Enterprise Core 4.70.

Further development:
There will be no further development of the conventional purchase order and purchase requisition transactions.

Future releases:
SAP reserves the right to discontinue the conventional PO and requisition transactions in future releases.

13.7.11.7 Automatic Generation of Purchase Orders from Requisitions in New Interactive Design

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can use the new Enjoy transaction ME59N to automatically generate POs from purchase requisitions. This new transaction also satisfies requirements
regarding accessibility to disabled/handicapped persons.

The new transaction for automatic PO generation also provides the following options:

- The following options are available for the log:
  - No details
  - Error messages only
  - All messages (i.e. including warning messages)

- You can now release against different contracts in a single purchase order. This is controlled via the additional parameter ‘per contract’.

- The results are shown in interactive lists. You can go directly to the underlying requisition, the assigned contract, or the generated purchase order.

- You also have various export options for the list of results:
  - Unconvertiert
  - Spreadsheet
  - Rich text format
  - HTML format

### 13.7.11.8 Supplementation of Personal Settings in Enjoy Purchase Order

**Use**

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can make the following new personal settings:

1. There are two new indicators among the basic settings for Additional Planning (SAP Retail):
   - Selection Screen: This indicator enables you to specify that you are to be able to define new selection criteria with each “additional requirements planning” run.
   - Default Quantity: This indicator enables you to specify that the SAP system is to determine default quantities for the additional items.

2. In the case of the default values for the PO item, you can use the new Always Propose indicator to specify whether the values maintained in your personal settings are to take priority over any values from preceding documents (requisitions or contracts, for instance).
13.7.11.9 Underdelivery Tolerance in the Case of Stock Transport Orders (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can activate the underdelivery tolerance for stock transport orders for goods issues too. A new indicator is available for this purpose in Customizing for the stock transport order, enabling you to specify the combination of issuing and receiving plants in respect of which the defined underdelivery span is tolerated. In the event of underdelivery within the tolerance limit, the indicator causes the "Outward Delivery Completed" Indicator to be set automatically in the purchase order and prevents any follow-on processes (planned order, production order) from being triggered in the issuing plant.

Effects on Customizing

To activate the underdelivery tolerance, select the relevant indicator in Customizing for Purchasing under:

- Purchase Order -> Set Up Stock Transport Order -> Assign Document Type, One-Step Procedure, Underdelivery Tolerance.

13.7.11.10 Create a Subcontract Order with Batch Number (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can determine in Purchasing, as early as when you create a subcontract order, which batch of the subcontracting component (material provided) is to be delivered to the subcontractor. This may be useful if the material for the subcontracting requires specific characteristics that you map onto your system using batches.

In order to be able to display the batch numbers from the purchase order during the transfer posting of the material provided, from the normal storage location stock to the stock of material provided to vendor, you must refer to the purchase order; a collective posting is not possible.

Transfer posting via the SC stock monitoring list

With the report on SC stock monitoring for vendor (transaction code ME2O) it is possible to display the batches of the material provided and make a transfer posting directly into the stock of material provided to vendor.

On the initial screen of the report, you can use the indicator Group by batches to determine how the batch information should be displayed.

Goods receipt posting in Inventory Management

During the goods receipt posting to the subcontract order with transaction MIGO or MB01, the batch number from the purchase order is the default suggestion for the consumption posting of the subcontractor components. You can change this default value if necessary.

See also

For more information on batch management in Materials Management, refer to the SAP Library under Logistics -> Materials Management -> Inventory Management -> Inventory Management and
Physical Inventory -> Batch Management.
For more information on subcontracting in Materials Management, refer to the SAP Library under Logistics -> Materials Management -> Inventory Management -> Inventory Management and Physical Inventory -> Special Stocks and Special Forms of Procurement -> Subcontracting.

13.7.11.11 Improved Performance with Investment Buying

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the system is able to process condition changes relevant for Investment Buying more quickly.

The new functions bring the following improvements:

- The length of the time frame needed is reduced
- Fewer system resources are required
- The dataset in the database and in internal tables is reduced

The process has been changed at the following points:

- When maintaining condition changes, the system writes an entry directly in table WIND.
- The Investment Buying algorithm has been reduced, which concerns the dataset selected and the steps running internally.
- You can choose whether the system performs a listing check. This can improve runtime if only part of the whole assortment is listed in the selected plants.

Effects on Existing Data

In order to keep the amount of data in the database to a minimum, program RWVLB00C needs to be scheduled regularly. This program replaces program MEI5.

Effects on System Administration

Program RWVLB00C should be scheduled at regular intervals.

See also

For more information, see the SAP Retail documentation (SAP Library -> Logistics -> SAP Retail) under Purchasing -> Ordering -> Order Optimizing.

13.7.11.12 Calculating Planned Delivery Time

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can calculate and change planned delivery times.

This function enables you to procure goods from your vendors more easily and, thereby, avoid
out-of-stock or overstock situations in the warehouse.

Up until now, the data had to be maintained manually for the planned delivery time in 3 different places:

- At vendor level
- At material level
- At purchasing info record level.

The values that are maintained manually in these areas are, however, largely based on values gained from experience. They would quickly become invalid if the vendor's behavior changed.

The new function allows you to:

1. Calculate the planned delivery time.
   When calculating the planned delivery time, the system determines the number of days between the purchase order being placed with the vendor and the actual goods receipt. The system calculates this for any combinations of vendor, plant, material, purchasing organization, and vendor subrange.

2. Change the planned delivery time data.
   This function helps you decide whether you would like to retain the planned delivery time you entered manually or whether you would like to replace it with the planned delivery time calculated by the system. You can make this decision for every single value in the master data for the vendor, material and purchasing info record.

   Note that any change you make to the planned delivery times could affect procurement.

   **Important:** The system calculates the planned delivery time in calendar days, not in working days.

**Effects on System Administration**

SAP recommends you use this function regularly.

**Effects on Customizing**

You do not need to make any Customizing settings.

### 13.7.11.13 Order Cancelation

**Use**

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470) it is much easier to process order cancelations since you are now in a position to delete overdue/incorrect purchase orders and to change the delivery date of a purchase order.

You process order cancelations in the Planning Workbench.

You can process order cancelations online or in the background.

**See also**

For more information, see the SAP Retail documentation (SAP Library -> Logistics -> SAP Retail) under Purchasing -> Requirements Planning -> Planning Workbench.
13.7.11.14 Progress Tracking (New)

Use

As of SAP R/3 Enterprise PLM Extension 1.10 (EA_APPL 110), the Progress Tracking function is available as part of the Project System and Materials Management.

Progress Tracking enables you to closely monitor the progress of network components in the Project System and purchase orders in Materials Management. By tracking events that you have defined yourself in Customizing for Progress Tracking or in the Progress Tracking function itself, you gain improved control over the progress of your network components or purchase orders. For example, for tracking a purchase order you could create events for internal occurrences such as issuing a purchase order. For tracking a network component, your events could include goods issue, and goods receipt. Scheduling dates for events allows you to analyze variances and recognize problems early on. You can also stipulate dates for events using enhancements for either system dates or external data.

The Progress Tracking function has a clearly arranged and intuitive interface that is independent of the current object that you are tracking. The appearance of the interface is flexible: You can adapt the initial selection screen to your own needs by including customer-specific fields and on the main Progress Tracking screen, which is made up of two SAP List Viewer (ALV) overviews, you can define and maintain user or application-specific layouts.

Although Progress Tracking contains all the capabilities of the Monitoring Dates function that is found in the Project System in SAP Release 4.6, Progress Tracking has a much more generic approach that allows it to be used for other objects, such as purchase orders.

In comparison to Monitoring Dates, Progress Tracking offers among other things:

- Comprehensive Customizing for creating default settings
- A far more attractive user interface, for which user and application-specific layouts can be created and where it is possible to filter, group and total the displayed entries
- The option of including customer-specific fields
- A multitude of BAdIs which provide diverse options for fulfilling particular customer requirements

Effects on Customizing

To use Progress Tracking, complete the following steps in the Implementation Guide (IMG) for the Project System or Materials Management by choosing Logistics -> Project System -> Progress -> Progress Tracking or Logistics -> Materials Management -> Purchasing -> Purchase Orders -> Progress Tracking:

- Define Standard Events
- Define Event Scenarios
- Maintain Relationships Between Events in a Scenario
- Assign Default Scenarios to Material Groups
- Maintain Priorities for an Event
- Define Progress Tracking Profile
- Define Status Info Types
Number Range Status Information

Customer-Specific Evaluations

See also

For more information about Progress Tracking, refer to the SAP Library: Logistics -> Project System -> Progress Tracking or Logistics -> Materials Management -> Purchasing -> Progress Tracking.

13.8 MM-SRV  External Services

13.8.1 MM-SRV-SR  Service Entry

13.8.1.1 Returns for Service Entry Sheets from Time-Sheets (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can retrospectively change a time or quantity in a time sheet that you have already converted into a service entry sheet. As soon as you convert the changed time sheet into external services, the system additionally generates both a service entry sheet with the new data and one in which the original data has been cancelled and in which the Returns Indicator has been set.

Note:

A return is only possible if a time sheet is used and converted into external services (CATS/CATM)

The returns indicator cannot be selected manually but is set by the system when a changed time sheet is converted into external services.

Effects on Existing Data

The additionally generated returns sheet cancels the already existing service entry sheet. You can check this in the PO history for the underlying purchase order.

Effects on Customizing

To facilitate the use of the returns function for time sheets during the service entry process, you must select the relevant Activation Indicator in Customizing for External Services Management:

Source Determination and Default Values -> Specify for Client -> Returns Active.

13.9 MM-IM  Inventory Management

13.9.1 Goods Movements and Excise Documents Combined (New)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), users working in manufacturing plants can enter incoming and outgoing excise invoices when they enter a goods receipt or goods issue in the standard Goods Movements transaction, MIGO.

Users working in depots can enter incoming excise invoices when they enter a goods receipt. When they enter a goods issue, they can assign the appropriate register RG 23D entries to it.

Other excise documents are also supported, for example, subontract orders. For more information, see the documentation mentioned below.

**Incoming Excise Invoices**

When goods are delivered to your company, the user runs the *Goods Movements* transaction and enters the goods receipt details and the excise invoice information on the same screen: For these purposes, SAP has added two new tabs to the *Goods Movements* transaction, one for information about the excise invoice at header level and one for item level.

As well as speeding up your business processes, it also means that the person who enters the goods receipt can also post the excise duty to the CENVAT account instantly, improving your company’s cash flow.

**Outgoing Excise Invoices**

Similarly, users can also create and post outgoing excise invoices in the *Goods Movements* transaction when they post a goods issue.

**Effects on Customizing**

Activate the functions for each excise group that wants to work with them, in the *MIGO* group box in the IMG activity Maintain Excise Groups.

**See also**


### 13.9.2 MM-IM: Overview of Release Infos for SAP R/3 Enterprise Core 470

**Use**

In the following, you will see an overview of all release infos in the application component *MM Inventory Management* for *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*. You can also display the release infos directly.

- Functional Enhancements in MIGO (changed)
- Replacing the MB* Transactions with Transaction MIGO (new)
- Business Add-Ins in Inventory Management (new)
- Functional Supplement for BAPI CreateFromData (changed)
- Create a Subcontract Order with Batch Number (new)
- Output Determination: Program for Creating Condition Records (new)
13.9.3 MM-IM-GF  Basic Functions

13.9.3.1 Business Add-Ins in Inventory Management (new)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the following Business Add-Ins (BAdI) are available:

- Change item data in transaction MIGO (MB_MIGO_ITEM_BADI)
- Maintain external detail subscreens for transaction MIGO (MB_MIGO_BADI)
- Check/complete dialog data for transaction MB21/MB22 (MB_RESERVATION_BADI)

Effects on Customizing
Maintain these Business Add-Ins in Customizing for Inventory Management under Maintain Customer Exits and Business Add-Ins.

See also
For more information on Business Add-Ins, see the SAP Library under Basis -> ABAP Workbench -> Changes to SAP Standard -> Business Add-Ins.

13.9.3.2 Output Determination: Program for Creating Condition Records (New)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470) there is a program for creating the particular condition records for output determination in Inventory Management, that are recommended by default for output determination. The program only creates condition records for goods receipt/issue slips; the condition records for label printing and mails still have to be created manually.

The program is called Batch input for condition records output determination (RM07NKON). For more information, see the report documentation.

Effects on Existing Data
This report only creates the condition records if they do not yet exist in the system. Existing condition records are not overwritten.

See also
For more information on the settings for output determination, see the Implementation Guide (IMG) for...
Inventory Management under Output Determination -> Tips for Fast Setting of Output Determination.

13.9.4 MM-IM-GR Goods Receipt

13.9.4.1 Functional Supplement for BAPI CreateFromData (Changed)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), in the (BAPI) method for posting goods movements CreateFromData (function module: BAPIGOODSMVT_CREATE), there are functional enhancements in the subcontracting area.

With this method, when posting a goods receipt to a subcontract order, component quantities specified in the subcontract order cannot be changed. Usually only those component quantities specified in advance can be posted as a goods issue. Posting a subsequent adjustment was also not possible with this method.

Because of these functional enhancements, the following functions were added:

- When posting a goods receipt to a subcontract order, it is now possible to change the default quantities of the components from the purchase order. The method therefore completely supports the functions of transaction MB01 for the process "Goods receipt for subcontract order".

- To be able to take any excess or underconsumptions of component quantities into account afterwards, you can now also use this method for subsequent adjustment. The method therefore completely supports the functions of transaction MB04 for the process "Subsequent adjustment of material provided".

See also

For more information, see the relevant BAPI documentation.

13.9.4.2 Create a Subcontract Order with Batch Number (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can determine in Purchasing, as early as when you create a subcontract order, which batch of the subcontracting component (material provided) is to be delivered to the subcontractor. This may be useful if the material for the subcontracting requires specific characteristics that you map onto your system using batches.

In order to be able to display the batch numbers from the purchase order during the transfer posting of the material provided, from the normal storage location stock to the stock of material provided to vendor, you must refer to the purchase order; a collective posting is not possible.

Transfer posting via the SC stock monitoring list

With the report on SC stock monitoring for vendor (transaction code ME2O) it is possible to display the batches of the material provided and make a transfer posting directly into the stock of material provided.
to vendor.

On the initial screen of the report, you can use the indicator Group by batches to determine how the batch information should be displayed.

**Goods receipt posting in Inventory Management**

During the goods receipt posting to the subcontract order with transaction MIGO or MB01, the batch number from the purchase order is the default suggestion for the consumption posting of the subcontractor components. You can change this default value if necessary.

**See also**

For more information on batch management in Materials Management, refer to the SAP Library under Logistics -> Materials Management -> Inventory Management -> Inventory Management and Physical Inventory -> Batch Management.

For more information on subcontracting in Materials Management, refer to the SAP Library under Logistics -> Materials Management -> Inventory Management -> Inventory Management and Physical Inventory -> Special Stocks and Special Forms of Procurement -> Subcontracting.

### 13.9.4.3 Functional Enhancements in MIGO (Changed)

**Use**

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the transaction for goods movements MIGO has the following new functions:

1. **Transfer Postings and Stock Transfers**
   You can now also set MIGO for transfer postings and stock transfers. To do this, choose the actions *Transfer posting, Remove from storage* or *Place in storage* from the list box for the business transaction (*Action Can Be Carried Out in the MIGO Transaction*).

2. **Subsequent Adjustment**
   It is now also possible to use MIGO for subsequent adjustment in subcontracting. To do this, choose the action *Subsequent adjustment* in the list box for business transaction (*Action Can Be Carried Out in the MIGO Transaction*).

3. **New Business Add-Ins for MIGO**
   There are new Business Add-Ins available for MIGO. See release info Business Add-Ins in Inventory Management.

4. **Change Default Values**
   It is now possible to change the default values for the movement type and special stock indicator directly, without calling the dialog box for the default values. Enter the desired movement type and the special stock indicator in MIGO, in the first line on the top right and choose *Execute (Enter)*.

5. **Manual Entry of Number of GR Slips to Print**
   It is now possible to enter manually the number of GR slips to be printed when posting a goods movement.
   The Number of GR Slips field is only visible, if the field in Customizing for MIGO field selection for each movement type has been included. In Inventory Management Customizing, choose *Settings for Enjoy Transactions -> Settings for Goods Movements (MIGO) -> Field Selection*.
Manual Selection for the Version of GR/GI Slips

It is now possible to enter manually enter the version for the GR/GI slip (individual slip, individual slip with check text, collective slip). Until now, the system determined the version from the settings in Customizing (Maintain Conditions).

The system now behaves in the following way:

- In the header data on the General tab page, the version appears as a list box. When the material document is displayed, the Print button does not appear if the material document has not yet been printed. To create messages during the display, you must now select the checkbox to the right of the printer symbol. Both the checkbox for printing and the version are ready for input, if messages have not yet been created for the material document.

- Version proposal:
  If the user manually changes the proposed version, this version is held for the current transaction as the user default and is then proposed during creation of the next document of this transaction type. If the user does not yet have a user default for the transaction type, the default version is determined from Customizing (default version per transaction).

- In the display of the material document, the version saved in the material document is proposed. The user can change the version in the header data and then start message determination from the checkbox. The message determination is executed with the manually changed version. However, the version in the material document is not changed, as this is the version when the material document is created.

See also

Release info Replacing the MB* Transactions with the Transaction MIGO

13.9.4.4 Replacing the MB* Transactions with Transaction MIGO (New)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can set the transaction for goods movements MIGO for transfer postings and stock transfers too, as well as for subsequent adjustment in subcontracting.

See the release info Functional Enhancements in MIGO.

Therefore, MIGO can replace all conventional transactions for posting goods movements, that start with MB*.

In this release, you can use both MIGO and the conventional MB* transactions at the same time without restrictions.

Only SAP, however, can set the maintenance for the conventional MB* transactions in a later version, so that you can then only use MIGO.
13.9.4.5 SAP Smart Forms in Inventory Management (new)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the Smart Form MMIM_GRPO_SINGLE (goods receipt slip) is available for printing individual slips for goods receipts (message type WE01). The SAPscript layout is the same as the form WESCHEINVERS1.

Unlike a traditional SAPscript form, Smart Forms offer the following advantages:

- Create and maintain forms in half the time
- Adjust forms without program knowledge, thanks to thorough graphical user interfaces
- Web Publishing with the help of a generated XML output

The SAP Smart Forms replace SAPscript forms. SAPscript forms are still supported and can be used without modification. SAPscript texts can be used in Smart Forms. The migration of SAPscript forms into Smart Forms is also supported.

You can create, change and display Smart Forms using transaction SMARTFORMS.

Effects on Customizing

Maintain Smart Form MMIM_GRPO_SINGLE in Customizing for Inventory Management under Output Determination -> Assign Forms and Programs.

To be able to use the Smart Form, you must assign program SAPFM07P_SMART and Smart Form MMIM_GRPO_SINGLE to output type WE01:

- Output type: WE01
- Program: SAPFM07P_SMART
- Form routine: ENTRY_WE01
- Smart Form: MMIM_GRPO_SINGLE

See also

For more information on SAP Smart Forms, see the SAP Library, under Basis -> Basis Services / Communications Interface (BC-SRV) -> SAP Smart Forms (BC-SRV-SCR).

13.9.5 MM-IM-GI Goods Issue and Return Delivery

13.9.5.1 Functional Supplement for BAPI CreateFromData (Changed)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), in the (BAPI) method for posting goods movements CreateFromData (function module: BAPI_GOODSMVT_CREATE), there are functional enhancements in the subcontracting area.

With this method, when posting a goods receipt to a subcontract order, component quantities specified in
the subcontract order cannot be changed. Usually only those component quantities specified in advance
can be posted as a goods issue.
Posting a subsequent adjustment was also not possible with this method.
Because of these functional enhancements, the following functions were added:

- When posting a goods receipt to a subcontract order, it is now possible to change the default
  quantities of the components from the purchase order.
  The method therefore completely supports the functions of transaction MB01 for the process
  "Goods receipt for subcontract order".

- To be able to take any excess or underconsumptions of component quantities into account
  afterwards, you can now also use this method for subsequent adjustment.
  The method therefore completely supports the functions of transaction MB04 for the process
  "Subsequent adjustment of material provided".

See also

For more information, see the relevant BAPI documentation.

13.9.5.2 Functional Enhancements in MIGO (Changed)

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the transaction for goods movements MIGO
has the following new functions:

- **Transfer Postings and Stock Transfers**
  You can now also set MIGO for transfer postings and stock transfers. To do this, choose the actions
  Transfer posting, Remove from storage or Place in storage from the list box for the business
  transaction (Action Can Be Carried Out in the MIGO Transaction).

- **Subsequent Adjustment**
  It is now also possible to use MIGO for subsequent adjustment in subcontracting. To do this, choose
  the action Subsequent adjustment in the list box for business transaction (Action Can Be Carried
  Out in the MIGO Transaction).

- **New Business Add-Ins for MIGO**
  There are new Business Add-Ins available for MIGO.
  See release info Business Add-Ins in Inventory Management.

- **Change Default Values**
  It is now possible to change the default values for the movement type and special stock indicator
directly, without calling the dialog box for the default values. Enter the desired movement type and
  the special stock indicator in MIGO, in the first line on the top right and choose Execute (Enter).

- **Manual Entry of Number of GR Slips to Print**
  It is now possible to enter manually the number of GR slips to be printed when posting a goods
  movement.
  The Number of GR Slips field is only visible, if the field in Customizing for MIGO field selection
  for each movement type has been included. In Inventory Management Customizing, choose
  Settings for Enjoy Transactions -> Settings for Goods Movements (MIGO) -> Field Selection
  per Movement Type.
Manual Selection for the Version of GR/GI Slips
It is now possible to enter manually enter the version for the GR/GI slip (individual slip, individual slip with check text, collective slip). Until now, the system determined the version from the settings in Customizing (Maintain Conditions).

The system now behaves in the following way:

- In the header data on the General tab page, the version appears as a list box. When the material document is displayed, the Print button does not appear if the material document has not yet been printed. To create messages during the display, you must now select the checkbox to the right of the printer symbol. Both the checkbox for printing and the version are ready for input, if messages have not yet been created for the material document.

- Version proposal:
  If the user manually changes the proposed version, this version is held for the current transaction as the user default and is then proposed during creation of the next document of this transaction type. If the user does not yet have a user default for the transaction type, the default version is determined from Customizing (default version per transaction).

- In the display of the material document, the version saved in the material document is proposed. The user can change the version in the header data and then start message determination from the checkbox. The message determination is executed with the manually changed version. However, the version in the material document is not changed, as this is the version when the material document is created.

See also
Release info Replacing the MB* Transactions with the Transaction MIGO

13.9.5.3 Replacing the MB* Transactions with Transaction MIGO (New)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can set the transaction for goods movements MIGO for transfer postings and stock transfers too, as well as for subsequent adjustment in subcontracting.

See the release info Functional Enhancements in MIGO.

Therefore, MIGO can replace all conventional transactions for posting goods movements, that start with MB*.

In this release, you can use both MIGO and the conventional MB* transactions at the same time without restrictions.

Only SAP, however, can set the maintenance for the conventional MB* transactions in a later version, so that you can then only use MIGO.
13.9.6 MM-IM-ST Stock Transfer/Transfer Posting

13.9.6.1 Stock Transfer Orders Can Update Funds Management Commitment

Use
As of SAP R/3 Enterprise Public Services 1.10, the stock transfer order process is supported by Funds Management (FM). Purchase orders and requisitions for stock transfers are updated in FM as commitments. The purchase order is reduced by the goods issue (with PO reference).

Effects on Existing Data
Existing data is not automatically transferred into FM.

Effects on System Administration
You must activate this feature using the BADI ME_COMMITMENT_STO_CH. Activating it triggers an update in other modules (such as Controlling and Grants Management) also.

Effects on Customizing
No additional customizing is required.

13.9.6.2 Consignment Also Possible on Cross-Company-Code Basis (New)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can also order for consignment stock from supplying plants belonging to other company codes, i.e. using the item category consignment. Up to and including Release 46C, it was not possible to create a cross-company-code purchase order with the item category consignment.

Effects on Customizing
The following field has been added in Customizing for Purchasing under Purchase Order -> Set Up Stock Transport Order -> Assign Delivery Type and Checking Rule (T161V):
- DT Consgt (delivery type for stock transfers to consignment stock)

13.9.6.3 Different Delivery Types in a Single Stock Transfer Document (New)

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), it is possible to include both cross-company-code and intra-company-code stock transfer items in a single document.

Up to and including Release 4.6C, only one delivery type could be specified via the document type and the issuing (supplying) plant. As of SAP R/3 Enterprise, two new fields enable you to specify one delivery type in the cross-company-code case (cross company logic) and one in the internal case (internal...
posting logic).

**Effects on Customizing**

The following fields have been added in Customizing for *Purchasing* under *Purchase Order -> Set Up Stock Transport Order -> Assign Delivery Type and Checking Rule* (T161V):

- Delivery Type 1 (Delivery type for stock transfers within a company code) and
- Delivery Type 2 (Delivery type for stock transfers between two company codes)

### 13.9.6.4 Commitment in Stock Transfer Documents (New)

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, you can have a commitment generated by the system in both stock transport requisitions and stock transport orders (for the longer-distance transfer of materials) and display the commitment in the documents. You activate or deactivate the function via the Business Add-In ME_COMMITMENT_STO_CH.

You invoke the commitment display for each item from within the already posted document via the following menu path:

Environment -> FI/CO Commitment Documents

**Note:**

The commitment of the stock transport requisition is reduced or cancelled out by the stock transport order. The commitment of the stock transport order is reduced or cancelled out by the value of the goods issue document.

A commitment can only be generated for items with single account assignment.

**Effects on Existing Data**

A data record is generated for the individual document items in the table COOI.

**Effects on Customizing**

The pricing condition type in the calculation schema for stock transfers must be set to non-statistical in order for the commitment to be updated with the net value:

**IMG:** MM -> Purchasing -> Conditions -> Define Price Determination Process -> Define Calculation Schema -> RM2000-> Condition Type P101: Non-statistical

### 13.9.6.5 Underdelivery Tolerance in the Case of Stock Transport Orders (New)

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, you can activate the underdelivery tolerance for stock transport orders for goods issues too. A new indicator is available for this purpose in Customizing for the stock transport order, enabling you to specify the combination of issuing and receiving plants in...
respect of which the defined underdelivery span is tolerated. In the event of underdelivery within the tolerance limit, the indicator causes the "Outward Delivery Completed" Indicator to be set automatically in the purchase order and prevents any follow-on processes (planned order, production order) from being triggered in the issuing plant.

**Effects on Customizing**

To activate the underdelivery tolerance, select the relevant indicator in Customizing for *Purchasing* under:

- Purchase Order -> Set Up Stock Transport Order -> Assign Document Type, One-Step Procedure, Underdelivery Tolerance.

### 13.9.6.6 Functional Supplement for BAPI CreateFromData (Changed)

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, in the (BAPI) method for posting goods movements *CreateFromData* (function module: BAPI_GOODSMVT_CREATE), there are functional enhancements in the subcontracting area.

With this method, when posting a goods receipt to a subcontract order, component quantities specified in the subcontract order cannot be changed. Usually only those component quantities specified in advance can be posted as a goods issue. Posting a subsequent adjustment was also not possible with this method.

Because of these functional enhancements, the following functions were added:

- When posting a goods receipt to a subcontract order, it is now possible to change the default quantities of the components from the purchase order.
  The method therefore completely supports the functions of transaction *MB01* for the process "Goods receipt for subcontract order".

- To be able to take any excess or underconsumptions of component quantities into account afterwards, you can now also use this method for subsequent adjustment. The method therefore completely supports the functions of transaction *MB04* for the process "Subsequent adjustment of material provided".

**See also**

For more information, see the relevant BAPI documentation.

### 13.9.6.7 Create a Subcontract Order with Batch Number (New)

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, you can determine in Purchasing, as early as when you create a subcontract order, which batch of the subcontracting component (material provided) is to be delivered to the subcontractor. This may be useful if the material for the subcontracting requires specific characteristics that you map onto your system using batches.
In order to be able to display the batch numbers from the purchase order during the transfer posting of the material provided, from the normal storage location stock to the stock of material provided to vendor, you must refer to the purchase order; a collective posting is not possible.

**Transfer posting via the SC stock monitoring list**

With the report on SC stock monitoring for vendor (transaction code ME2O) it is possible to display the batches of the material provided and make a transfer posting directly into the stock of material provided to vendor.

On the initial screen of the report, you can use the indicator Group by batches to determine how the batch information should be displayed.

**Goods receipt posting in Inventory Management**

During the goods receipt posting to the subcontract order with transaction MIGO or MB01, the batch number from the purchase order is the default suggestion for the consumption posting of the subcontractor components. You can change this default value if necessary.

**See also**

For more information on batch management in Materials Management, refer to the SAP Library under Logistics -> Materials Management -> Inventory Management -> Inventory Management and Physical Inventory -> Batch Management.

For more information on subcontracting in Materials Management, refer to the SAP Library under Logistics -> Materials Management -> Inventory Management -> Inventory Management and Physical Inventory -> Special Stocks and Special Forms of Procurement -> Subcontracting.

### 13.9.6.8 Functional Enhancements in MIGO (Changed)

**Use**

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the transaction for goods movements MIGO has the following new functions:

- **Transfer Postings and Stock Transfers**
  You can now also set MIGO for transfer postings and stock transfers. To do this, choose the actions Transfer posting, Remove from storage or Place in storage from the list box for the business transaction (Action Can Be Carried Out in the MIGO Transaction).

- **Subsequent Adjustment**
  It is now also possible to use MIGO for subsequent adjustment in subcontracting. To do this, choose the action Subsequent adjustment in the list box for business transaction (Action Can Be Carried Out in the MIGO Transaction).

- **New Business Add-Ins for MIGO**
  There are new Business Add-Ins available for MIGO.
  See release info Business Add-Ins in Inventory Management.

- **Change Default Values**
  It is now possible to change the default values for the movement type and special stock indicator directly, without calling the dialog box for the default values. Enter the desired movement type and
the special stock indicator in MIGO, in the first line on the top right and choose Execute (Enter).

- **Manual Entry of Number of GR Slips to Print**
  It is now possible to enter manually the number of GR slips to be printed when posting a goods movement.
  The Number of GR Slips field is only visible, if the field in Customizing for MIGO field selection for each movement type has been included. In Inventory Management Customizing, choose `Settings for Enjoy Transactions -> Settings for Goods Movements (MIGO) -> Field Selection per Movement Type`.

- **Manual Selection for the Version of GR/GI Slips**
  It is now possible to enter manually enter the version for the GR/GI slip (individual slip, individual slip with check text, collective slip). Until now, the system determined the version from the settings in Customizing (Maintain Conditions).
  The system now behaves in the following way:
  - In the header data on the General tab page, the version appears as a list box. When the material document is displayed, the Print button does not appear if the material document has not yet been printed. To create messages during the display, you must now select the checkbox to the right of the printer symbol. Both the checkbox for printing and the version are ready for input, if messages have not yet been created for the material document.
  - **Version proposal:**
    If the user manually changes the proposed version, this version is held for the current transaction as the user default and is then proposed during creation of the next document of this transaction type. If the user does not yet have a user default for the transaction type, the default version is determined from Customizing (default version per transaction).
  - In the display of the material document, the version saved in the material document is proposed. The user can change the version in the header data and then start message determination from the checkbox. The message determination is executed with the manually changed version. However, the version in the material document is not changed, as this is the version when the material document is created.

**See also**

Release info Replacing the MB* Transactions with the Transaction MIGO

### 13.9.6.9 Replacing the MB* Transactions with Transaction MIGO (New)

**Use**

As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, you can set the transaction for goods movements MIGO for transfer postings and stock transfers too, as well as for subsequent adjustment in subcontracting.

See the release info Functional Enhancements in MIGO.

Therefore, MIGO can replace all conventional transactions for posting goods movements, that start with MB*.

In this release, you can use both MIGO and the conventional MB* transactions at the same time without restrictions.
Only SAP, however, can set the maintenance for the conventional MB* transactions in a later version, so that you can then only use MIGO.

13.9.7 MM-IM-VP  
Balance Sheet Valuation Procedures

13.9.7.1 Structure Changes in Inflation Accounting

Use

As of SAP R/3 Release 4.70, the Implementation Guide (IMG) for Inflation Accounting is easier to use. SAP has restructured it, rewritten the documentation, and reworked some of the screens.

Note that only the IMG structure and documentation have changed, but not the views themselves, so you do not have to make any changes to existing Customizing settings.

Changes in the IMG

Until now, there was one group of IMG activities for Inflation Accounting under Financial Accounting (FI), and more activities under Asset Accounting (FI-AA) and Materials Management (MM). That meant that to customize Inflation Accounting for FI-AA, for example, you had to work through the activities under FI and those under FI-AA.

SAP has now changed the IMG so that each of the components now has its own self-contained IMG for Inflation Accounting. Now, to customize Inflation Accounting for FI-AA, for example, you no longer have to work through the IMG activities under Revaluation for the Balance Sheet and then the activities under Inflation Accounting. Nor do you have to work through the activities under Financial Accounting -> Financial Accounting Global Settings -> Inflation Accounting. Instead, you just have to work through the activities under Inflation Accounting. Similarly, the IMG activities for FI and MM have also been restructured.

The IMGs are still located at the same position in the SAP Reference Structure:

- **Financial Accounting** -> **Financial Accounting Global Settings** -> **Inflation Accounting**
- **Financial Accounting** -> **Asset Accounting** -> **Special Valuation** -> **Revaluation of Fixed Assets** -> **Revaluation for the Balance Sheet** -> **Inflation Accounting**
- **Materials Management** -> **Valuation and Account Assignment** -> **Balance Sheet Valuation Procedures** -> **Configure Replacement Cost Procedure (Inflation)**

Changes in the SAP Library

The Inflation Accounting documentation in the SAP Library has also been split up between the three components. It is now located under the following paths:

- **Financial Accounting (FI)** -> **General Ledger Accounting (FI-GL)** -> **Closing and Reporting** -> **Preparing Financial Statements** -> **Inflation Accounting**
- **Financial Accounting (FI)** -> **Asset Accounting (FI-AA)** -> **Special Valuation** -> **Replacement Values (General)** -> **Inflation Accounting**
- **Materials Management (MM)** -> **Evaluation** -> **Balance Sheet Valuation (MM-IM-VP)** -> **Replacement Cost Valuation (Inflation)**
13.9.7.2 Enhancements in Balance Sheet Valuation

Use

The following text gives you an overview of the developments within balance sheet valuation for SAP R/3 Enterprise Core 4.70 (SAP_APPL 470).

- **Integration of Valuation Alternatives**
  
  - You can directly update the table of valuation alternatives (CKMLPR_EB) from balance sheet valuation. This function is included in the following transactions: MRN0, MRN1, MRN2, MRN3, MRN9, MRF1, MRL4, MRL5, and MRY1.
  
  - You can involve the table of valuation alternatives directly in balance sheet valuation. This function is included in the following transactions: MRN0 and MRN3 (comparison price), MRN1 and MRN2 (base price), MRN9 (level assignment), MRL1 and MRL2 (material price), MRF1 and MRL3 (lowest price comparison).
  
  - You can adopt prices from the material ledger into the table of valuation alternatives, or update them as physical inventory prices in the material master (transaction MRY4).
  
  - You can use additional price fields for adopting prices from the material master into the valuation alternatives table (transaction MRY2).
  
  - You can display valuation alternatives using a simple list (transaction MRY3). The SAP standard system does not currently contain any wider-reaching analysis functions.

- **Enhanced Log Function During Material Master Update**
  
  In future, each run of the lowest price determination by movement rate (transaction MRN2) during the update will automatically generate an entry in a special log file. Also, the option for creating change documents when updating prices in the material master has been enhanced in the following transactions: MRN0, MRN1, MRN3, MRN9, MRF1, MRL4, MRL5, MRY1, and MRY4.

- **Enhanced Options when Using Report Variants**
  
  All parameters will be stored individually in the programs within balance sheet valuation. This has the advantage that you can then use consistent variant variables. Also, it is now easier to include other parameters. Old variants are automatically converted after "collecting" on the selection screen and subsequent "Save".

- **Entering Document Header Text and Reference Document Number During Automatic Price Change**
  
  You can enter a document header text (BKTXT) and a reference if you perform an automatic price change in balance sheet valuation using direct update or batch input. This function is included in the following transactions: MRN0, MRN1, MRN3, MRN9, MRF1, MRL4, MRL5, MRY1.

- **Additional Options when Constructing LIFO/FIFO Receipt Data by Document Extract**
  
  You can use additional settings when running a document extract for LIFO/FIFO valuation (transaction MRL9 and MRF3):
  
  - Storing invoice differences - If you regularly use the document extract to construct individual receipt records, it can be useful to avoid placing distributed invoice differences into interim storage.
- Inclusion/exclusion of specific document categories - You can explicitly include or exclude the following document categories: order settlements, account maintenance documents, non-order-related subsequent debits.

  o **Lowest Price Determination: Link Comparison to Market Price**

  During the process 'Lowest Price Determination by Market Prices' (transaction *MRN0*) and 'Loss-Free Valuation' (transaction *MRN3*) you can make settings to decide which link the comparison price should have to the market price. The following settings are possible: Lowest price comparison, comparison price as replacement value or no comparison price. In future in both processes, you can select several price fields/valuation alternatives. The system adopts the lowest price.

### 13.10 MM-IV  Invoice Verification

#### 13.10.1 MM-IV-GF  General Functions

#### 13.10.1.1 CENVAT Credit on Capital Goods after Budget 2000 (Changed)

**Use**

When you purchase capital goods, you can credit 50% of the excise duty to your CENVAT account as soon as you receive the goods. This is done when you verify the vendor excise invoice. For the balance credit which is available it is possible to take it into CENVAT using this functionality. It is also possible to transfer only a portion of the balance credit into CENVAT.

If you have already taken the credit on capital goods purchases into onhold before April 2000, you can transfer it to the CENVAT account using this function.

**Effects on Existing Data**

This procedure is the same for all materials, irrespective of whether the material type indicator is set to A (assets), C (consumables) or T (tools).

#### 13.10.2 MM-IV-LIV  Logistics Invoice Verification

#### 13.10.2.1 Overview of Developments in Logistics Invoice Verification

**Use**

The following text gives you an overview of the developments in Logistics Invoice Verification for *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470).*

  o All Functions in Logistics Invoice Verification

  o Automatic Quantity and Amount Distribution in Multiple Account Assignment
Displaying MM and FI Document Numbers

Clearing the GR/IR Clearing Account for External Service Purchase Orders

Enhancements to the Invoice Overview

Verifying Freight Invoices in the Background

Enhancement to BAPIs in Logistics Invoice Verification

Business Add-Ins in Logistics Invoice Verification

EDI: Posting to Material and G/L Accounts Using Customer Exit

The include RMMR1MI1 that was used as a replacement for the customer exit in automatic invoicing plan settlement (MRIS), has been deleted as of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470). To change header and item data in invoicing plan settlement, you should now use the Business Add-In MRM_MRI HDAT MODIFY (Change Header Data for Invoicing Plan Settlement), or the Business Add-In MRM_MRI IDAT MODIFY (Change Item Data for Invoicing Plan Settlement).

The customer exit EXIT_RMVKON00_003 and EXIT_RMVKON90_001 (customer exit for conventional invoice verification) for consignment and pipeline settlement (MRKO) was deleted as of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470). To change the vendor and document type in consignment settlement, you should now use the Business Add-In MRM_MRK0 HDAT MODIFY. Note that when you switch from consignment settlement in conventional invoice verification to Logistics Invoice Verification, all documents must have been settled using the customer exit EXIT_RMVKON90_001.

In the transactions Enter Invoice (MIRO), Park Invoice (MIR7), and Enter Invoice for Verification in the Background (MIRA), you can use segment texts in the vendor line (field SGTXT) in the header on the Basic Data tab page. The entries in the Document Header Text (BKTXT) field on the Detail tab page are no longer copied into the segment text of the vendor line. Instead they are only copied into the document header text of the FI document.

In the transactions Enter Invoice (MIRO), and Park Invoice (MIR7), you can use the bundle indicator (field LOTKZ) in the header on the Basic Data tab page for the area Public Sector.

In the ArchiveLink: Administration of Stored Documents transaction (OAAD) you can use a search help for invoice document numbers for business object 2081, document type MMILOGINV.

Effects on Customizing

Late Blocks:

In Customizing for Materials Management, you can make settings to specify when materials are blocked when you enter an invoice:

- In the allocation phase, all materials contained in the invoice are blocked.
- During simulation or posting, materials are blocked if their stock needs to be changed.
- During posting, materials are blocked if their stock needs to be changed.

For more information, see Customizing for Materials Management -> General Settings for Materials Management -> Set Up Material Block for Invoice Verification.
13.10.2.2 All Functions in Logistics Invoice Verification

Use
In SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), as in SAP R/3 4.6C, Logistics Invoice Verification contains all functions from conventional Invoice Verification, as well as many other functions, for example, cross-company-code posting and invoice reduction.

The following new transactions have been redesigned after close discussions with customers and usability experts.
- Logistics Invoice Verification (MIRO)
- Document Parking (MIR7)
- Display/Change Invoice (MIR4)
- Enter Invoice for Verification in the Background (MIRA)
- Invoice Overview (MIR6)
- Release Blocked Invoices (MRBR)

Logistics Invoice Verification completely replaces conventional Invoice Verification in
- the SAP Easy Access menu
- the Implementation Guide (IMG)
- the structure in the SAP Library

Maintenance of conventional Invoice Verification has been discontinued as of SAP R/3 4.6C.

See also
For more information, see the SAP Library under Logistics Invoice Verification.

13.10.2.3 MM-IV-LIV-CRE Entry

13.10.2.3.1 Automatic Quantity and Amount Distribution for Multiple Account Assignment

Use
As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), on the screen for multiple account assignment in Logistics Invoice Verification, you can enter varying amounts and quantities. Manual calculation of amounts is no longer necessary; this means that you can prevent invoices containing transmission errors.
- Changing the Total Amount and the Total Quantity
The total amount and total quantity fields are ready for input. If you enter a total amount or a total quantity, and choose **Check (Enter)** or **Back (Transfer)**, this triggers automatic distribution to the relevant account assignment objects according to the distribution schema.

- **Changing Amounts and Quantities in Account Assignment Lines**
  If you change amounts and quantities in the account assignment lines, once you choose **Check (Enter)**, the system adds the total amounts and total quantities. Any total amounts and quantities that have been recently entered are overwritten by the calculated amounts and quantities - the system issues a customizable error message.

  The automatically calculated values are then used as default values. You can change these values until you save the invoice.

  If roundings occur, these are added to the items with the largest quantity or the greatest amount.

**See also**
For more information, see the SAP Library under *Logistics Invoice Verification* in the section *Change Account Assignments*.

### 13.10.2.3.2 Enhancements to BAPIs in Logistics Invoice Verification

**Use**
As of *SAP R/3 Enterprise Core 4.70 (SAP_APPL 470)*, the following new methods exist (BAPI = Business Application Programming Interface). The parentheses contain the name of the relevant function module.

- **Business Object IncomingInvoice (incoming invoice)**
  - **ParkFromData** (BAPI_INCOMINGINVOICE_PARK)
    Park Invoice
  - **SaveFromData** (BAPI_INCOMINGINVOICE_SAVE)
    Enter Invoice for Verification in the Background

You can use the methods **CreateFromData**, **ParkFromData** and **SaveFromData** to enter incoming invoices that

- contain withholding tax
- contain an amount split, in other words, that post to several vendor lines
- that contain postings to G/L accounts
- that contain postings to material accounts

You can display further relevant information using the **GetDetail** method.

**See also**
To display more information, choose Tools -> Business Framework -> BAPI Explorer.

For more information, see the relevant BAPI documentation.
13.10.2.3.3 Displaying MM and FI Document Numbers

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), when you post an incoming invoice, the system can display invoice document numbers generated in Materials Management, the document number of the accounting document in Financial Accounting, and the number of the invoice reduction document where applicable.

Generated document numbers can be displayed in the status line for the following transactions:
- Enter Invoice (MIRO)
- Park Invoice (MIR7)
- Cancel Invoice (MR8M)
- Invoice Overview (MIR6)

Generated document numbers can be displayed in the output list for the following transactions:
- Evaluated Receipt Settlement (MRRL)
- Revaluation (MRNB)
- Invoicing Plan (MRIS)
- Invoice Verification in the Background (RMBABG00)

The setting to decide whether the FI document number is also displayed, is made for each user using the parameter IVFIDISPLAY.

13.10.2.3.4 Clearing the GR/IR Clearing Account for External Service Purchase Orders

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the following new functions are available:

When you enter invoices for external service purchase orders for which no service-based invoice verification is planned, the GR/IR Clearing (field WEREC) indicator in the item list controls the postings to the GR/IR clearing account. When you enter invoices, the system sets the GR/IR Clearing indicator as a default.

- If the GR/IR clearing indicator is set, then when you post the invoice, the GR/IR clearing account is cleared completely, even if you only post a partial invoice.
- If you post partial invoices and do not want the GR/IR clearing account to be completely cleared when you post, you must deselect the GR/IR clearing indicator.

The final invoice indicator (field EREKZ) then only controls the commitment reduction. When you enter purchase orders for external services and subsequently enter an invoice, the system does not propose this
indicator as set.

- If the final invoice indicator is selected, the commitment is completely reduced.
- If the final invoice indicator is not selected, this means that if you are expecting further invoices for this PO item, the commitment is reduced according to the amount in the invoice you enter.

Note: If you enter invoices for purchase orders that are not for external services, or for external service purchase orders that are not planned for service-based invoice verification, then the GR/IR clearing indicator is not displayed in the item list.

If you set the final invoice indicator when you enter an invoice for a service-based invoice verification, the system automatically sets the GR/IR clearing indicator. This means that the commitments are completely canceled out and the GR/IR clearing account is completely balanced for the PO item affected.

See also

For more information, see the SAP Library under Logistics Invoice Verification in the section Settlement of External Service Purchase Orders.

13.10.2.4 MM-IV-LIV-IVB    Invoice Verification in Background

13.10.2.4.1 Enhancements to the Invoice Overview

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), the following new functions exist:

Enhanced Selection Criteria

The following selection criteria have been enhanced in the Invoice Overview transaction (MIR6):

- Document type
- Reference
- Document header text

You can select posted invoice documents, and display those invoices in the invoice overview that

- were created using the BAPI BAPI_INCOMINGINVOICE_CREATE
- were created using evaluated receipt settlement (ERS)
- were created with Logistics Invoice Verification using invoicing plan settlement
- cancel another document
- were parked

You can also select and edit held and parked invoices that have the following statuses:

- Held
- Parked
- Parked as complete
Additional Information in the List of Invoice Documents

The following additional information is displayed in the list of invoice documents:

- Origin of the invoice document
- Document type
- Document date
- Posting date
- Document header text

See also

For more information, see the SAP Library under Logistics Invoice Verification in the section Invoice Overview.

13.10.2.4.2 Verifying Freight Invoices in the Background

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), when you enter an incoming invoice for verification in the background (MIRA), you can assign a transportation service provider. If you select this, you can settle freight costs with transportation service providers in Logistics Invoice Verification for background verification.

See also

For more information, see the SAP Library under Shipments in the section Shipment Cost Settlement with Service Agent.

13.10.3 MM-IV-INT Interfaces

13.10.3.1 Business Add-Ins in Logistics Invoice Verification

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), Logistics Invoice Verification offers you use of the following Business Add-Ins (BAdIs) for the transactions Enter Invoice (MIRO), Park Invoice (MIR7), and Enter Invoice for Verification in the Background (MIRA):

- BAdI MRM_HEADER_DEFAULT to preassign various header fields
- BAdI MRM_PAYMENT_TERMS to set terms of payment
- BAdI MRM_UDC_DISTRIBUT to distribute unplanned delivery costs. You can distribute unplanned delivery costs according to your own rules, for example under
- BAdI MRM_TRANSACT_DEFAULT to preassign various transaction fields
o BAdl MRM_WT_SPLIT_UPDATE to change the withholding tax data and the data for a vendor split

o BAdl MRM_TOLERANCE_GROUP to set vendor-specific tolerance groups

Other Business Add-Ins:

o BAdl MRMRELEASE_CHECK for additional checks before invoices are released; in other words, you can restrict the list of invoices to be released by defining your own criteria.

o BAdl MRM_MRIS_HDAT_MODIFY to change header data for invoicing plan settlement

o BAdl MRM_MRIS_IDAT_MODIFY to change item data for invoicing plan settlement

o BAdl MRM_MRKO_HDAT_MODIFY to change the document header data for consignment settlement

Effects on Customizing


See also

For more information about Business Add-Ins, see the SAP Library under Basis -> ABAP Workbench -> Changing the SAP Standard (BC) -> Business Add-Ins.

13.11 MM-EDI           Electronic Data Interchange

13.11.1 MM-EDI-IV       Invoice Verification

13.11.1.1 EDI: Posting to Material and G/L Accounts Using Customer Exit

Use

As of SAP R/3 Enterprise Core 4.70 (SAP_APPL 470), you can use a customer enhancement to assist you posting to material or G/L accounts during processing of EDI incoming invoices using Logistics Invoice Verification. To do this, use the enhancement MRMH0002 with the customer exit EXIT_SAPLMRMH_015.

See also

For more information, see the SAP Library under Logistics Invoice Verification in the section Invoices Received Via EDI.