IS-M SAP Media

SAP ERP Central Component
Release 6.0

Release Notes
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32 IS-M                    SAP Media

32.1 IS-M-MD               Master Data

32.1.1 IS-M-MD-BP          Business Partner

32.1.1.1 Easy Enhancement Workbench for Business Partners (New)

Use
As of SAP ECC Industry Extension Media 6.0, you can use the Easy Enhancement Workbench (EEW) to make enhancements to the SAP Business Partner quickly and easily.

You can use the EEW to make enhancements to the general data on the business partner. The EEW cannot be used to make enhancements to company code or sales area data.

32.1.1.2 Business Partner Roles (Enhanced)

Use
As of release 6.40, a new business partner role concept is available (see release note Business Partner Role (Extended)).

The following media-specific role categories are delivered with SAP ECC Industry Extension Media 6.0:

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<th>Role category</th>
<th>Description</th>
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<td>ISM000</td>
<td>Sales Customer</td>
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<tr>
<td>ISM001</td>
<td>Retailer</td>
</tr>
<tr>
<td>ISM010</td>
<td>Service Company</td>
</tr>
<tr>
<td>ISM011</td>
<td>Carrier</td>
</tr>
<tr>
<td>ISM012</td>
<td>Researcher</td>
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<td>ISM013</td>
<td>Field Collector</td>
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<td>ISM014</td>
<td>Commission Recipient</td>
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<td>ISM020</td>
<td>Media Customer</td>
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<tr>
<td>ISM021</td>
<td>Media Sales Agent</td>
</tr>
<tr>
<td>ISM030</td>
<td>Publisher</td>
</tr>
<tr>
<td>ISM100</td>
<td>Template Partner for MPD</td>
</tr>
<tr>
<td>ISM110</td>
<td>Author</td>
</tr>
<tr>
<td>ISM200</td>
<td>Household</td>
</tr>
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</table>

Each role category has a corresponding role, as well as a business partner view that has the same technical key. We advise you not to change the standard media-specific roles or to assign several roles to
a media-specific role category, with the exception of role categories ISM100 and ISM110, which are used in Media Product Development. If you want to map additional customer-specific roles, you can define your own business partner roles in Customizing and assign them to one of these two categories.

If you want to define several roles for one role category for the other media-specific role categories, please ensure that you use the business partner view for the role category in question.

The role category Household (ISM200) can only be assigned one role.

If you change the descriptions of the roles in Customizing, this does not affect the application transactions in IS-M. The changed role descriptions are only visible in the business partner transaction.

When you create business partners using the IS-M applications (CIC, central access, Internet applications, Media Sales and Distribution (IS-M/SD) order, etc.), the business partners are created in the standard role for the role category.

You cannot define a validity period for the media-specific business partner roles. You can only delete a media-specific role if the business partner is not involved in a business transaction that requires this role. A where-used list for the media-specific roles in media-specific business transactions is not supported.

32.1.1.3 Time Dependency for Addresses (New)

Use

As of release 6.40, you can define validity periods for address data and address usages in the SAP Business Partner (see release note Time Dependency for Addresses (New)).

However, the Media-specific Address Management functions are still used in SAP ECC Industry Extension Media 6.0. The standard address in the SAP Business Partner is synchronized with the main address in IS-M Address Management (see release note Address Synchronization (Changed)). The other addresses and address usages in the SAP Business Partner are not used in SAP Media (IS-M).

Changes to the standard address in the SAP Business Partner lead to changes in IS-M Address Management from the change date. If there are future time slices recorded in IS-M Address Management, these are overwritten by the change. We recommend that you only use IS-M Address Management to edit address data.

32.1.1.4 Time Dependency for Bank Details (New)

Use

As of release 6.40, you can define validity periods for bank details in the SAP Business Partner (see release note Time Dependency for Bank Details (New)).

This function is not supported in SAP ECC Industry Extension Media 6.0 and has therefore been deactivated.
32.1.1.5 Time Dependency for Central Data (New)

Use

As of release 6.40, you can define edit central data in the SAP Business Partner with time dependencies (see release note Time Dependency for Central Data (New)). This function is not supported in SAP ECC Industry Extension Media 6.0 and has therefore been deactivated.

32.1.1.6 Media-Specific Attributes for the SAP BP TREX Search (New)

Use

As of SAP ECC (SAP_APPL 600) you can use TREX business objects to search from the master data area, such as the SAP business partner, material master or cost center. The TREX search engine is characterized by its speed and can be used to find business objects using a full text search, fuzzy search or phonetic search.

If you also want to search using media-specific addresses and address attributes during the business partner search with TREX, you should use the class CL_ISM_SE_BUS1006 to index the data, which was created for the SAP ECC Industry Extension Media 6.0:

- The simple and enhanced TREX search is now available to you in the F4 Help for the business partner. The system observes the media-specific address data in both search variants.
- You can now use the TREX full text search in the business partner search in the Customer Interaction Center (CIC). To do so, select the Full Text Search entry in the dropdown list for the variable search field, and enter the corresponding search term in the associated field.

Effects on System Administration

TREX is part of SAP NetWeaver. You have installed TREX and connected it to the ERP System.

Effects on Customizing

You have made the settings for TREX in Customizing for SAP NetWeaver under SAP Web Application Server -> System Administration -> Search Engine Service -> [...].

If you want to use media-specific addresses and address attributes during the business partner search with TREX, you have assigned the media-specific class CL_ISM_SE_BUS1006 instead of the class CL_ERP_SE_BUS1006 to the SAP business partner (BUS1006) business object in the IMG activity Define Business Objects for Search Engine Service.

If you want to use the TREX full text search in the SAP Media CIC, you have selected the Search Using Search Engine Service indicator in the CIC Customizing settings under Make Settings for Business Partner Search/Processing component.

See also
For more information on TREX see the release note Connection of Objects to a Search Engine and the SAP Library under SAP NetWeaver -> Information Integration -> Knowledge Management -> [...].

32.1.1.7 IS-M-MD-BP-G  General Business Partner

32.1.1.7.1 Field WAERS Changed to WAERS_JGTVERM (New)

Use
As of SAP ECC Industry Extension Media 6.0, field WAERS must be changed in structure JGTVERM_DI. This is because another industry solution uses the same field name. Both solutions appear in the central structure BUS_DI, which means that problems can occur when generating dependent structures and programs. To resolve this conflict, the media-specific attributes have been added to field WAERS_JGTVERM.

Effects on Data Transfer
If you supply the table with sales agent data or make default entries via direct input, you must perform an explicit MOVE for field WAERS to the new field WAERS_JGTVERM.

32.1.1.8 IS-M-MD-BP-S  Business Partner in Media Sales and Distribution

32.1.1.8.1 Time-Dependent Partner Roles (New)

Use
As of SAP ECC Industry Extension Media 6.0, you can define partner roles with time constraints in Media Product Sales and Distribution (Retail). For example, if the owner (Sold-to Party) of a point of sale (POS) changes, you can schedule an automatic refresh of the validity periods for the partner roles.

The following functions are available for the time-dependent partner roles:

- **Edit time-dependent partner roles**
  You can define validity periods for partner roles at point of sale (that is, ship-to party) level, using the function Change View “Point of Sale - POS”: Overview (transaction JKSDKNVP).

- **Adjust partner roles in contracts**
  You can update or change the validity of a partner role in the relevant contracts for a point of sale (ship-to party) using the function IS-M: Adjust Partner Roles in Contracts (transaction JKSDKNVP2, report RJKSD_KNVP_CONTRACT).

- **Adjust partner roles in customer master**
  You can make adjustments to partner roles for specific dates in the business partner master data using the function IS-M: Adjust Time-Dependent Partner Roles in Customer Master (transaction...
JKSDKNVP4, report RJKSD_KNVP_UPDATE).

You can make adjustments to the following partner roles:

- Sold-to Party
- Payer
- Bill-to Party
- Ship-to Party
- Returning Business Partner

Please note that adjustments are only made to contracts with a valid contract type for assortments.

32.1.1.9 IS-M-MD-BP-A Address

32.1.1.9.1 Address Synchronization (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, the program IS-M: Address Synchronization Between IS-M, SAP BP, and FI/SD (RJGADR20) is used to synchronize the addresses from IS-M with the SAP Business Partner, as well as with the customer and vendor master. RJGADR10, the program used previously, is now obsolete and scheduled for deletion, so that you should no longer use it. During the transition period, the obsolete program RJGADR10 accesses program RJGADR20.

Unlike RJGADR10, program RJGADR20 has a selection screen, where you can limit the number of business partners to be synchronized and specify that synchronization is to take place irrespective of the synchronization status of the address. This allows you to repeat synchronization for specific addresses if the addresses in the SAP Business Partner or in the customer or vendor master are different from the current address in IS-M Address Management.

Program RJGADR20 creates an application log (object ISM_BP, subobject ADDR_SYNC), which you can display using the function Analyze Application Log (transaction SLG1). For further information, see the program documentation.

Effects on System Administration

Like program RJGADR10, you should schedule program RJGADR20 to run at least once a day. We also recommend that you schedule it daily shortly after midnight, so that all subsequent processes have access to an updated address dataset.

You should change the program name to RJGADR20 in any existing job definitions that contain RJGADR10 as a step.
32.1.2 IS-M-MD-PR  Product Master Data

32.1.2.1 IS-M-MD-PR-MP  Media Product

32.1.2.1.1 Selection in the Media Product Master Browser (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, changes have been made to the selection function in the Media Product Master Browser.

The following two read strategies are available:

- Read media issues
- Read issue sequences

To make a clearer distinction between these two read strategies for selection, they are available on two separate tab pages.

The new transaction for the function Media Product Master Browser: Initial Screen is JP20NEU.

It is now also possible to select more than one product when reading issue sequences.

32.1.2.1.2 Adjustments to Issue Sequence (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, the following enhancements have been made to the issue sequence:

- New attribute
  The new attribute JPTMG0-XMARAEXIST indicates whether the media issue already exists for each entry in the issue sequence. It is primarily intended as an adjustment to existing customer programs to improve performance, since it is now no longer necessary to read the media issue in order to determine whether or not it exists.

- Purchasing info records
  The purchasing info records are copied from the template issue during media issue generation. Purchasing info records form the basis for purchase quantity planning.

- Collection of unsold copies
  The collection index is compiled during media issue generation (table JKSDISSUEDATE).
  Conditions:
  - You must define rules in Customizing and specify function modules to determine the collection dates for a media issue.
  - The corresponding rules must be entered for the template issue.
  - You must select the Returns Allowed indicator.
Effects on Customizing

To use the function for collecting unsold copies, define the rules in the Customizing settings for Media Product Sales and Distribution under SAP Media -> Media Sales and Distribution -> Media Product Sales and Distribution (Retail) -> Collection of Unsold Copies -> Define Rules.

32.1.2.1.3 Edit Worklist of Media Issues (Enhanced)

Use

As of SAP ECC Industry Extension Media  6.0, the following enhancements have been made to the function Edit Worklist of Media Issues (transaction JKSD13):

- The function can now also be used for Retail articles.
- You can specify default entries for entire columns containing statuses or valid-from dates:
  You can select status and/or valid-from-date columns and then specify attributes for the entire column. A new Enter Statuses/Dates pushbutton has been added to the toolbar for this purpose.
- The following new media-specific fields have been added:
  - Initial shipping date (MARA- ISMINITSHIPDATE)
  - Copy number (MARA- ISMCPYNR)
  - Latest purchase order date (MARC- ISMPURCHASEDATE)
  - Planned goods arrival date (MARC- ISMARRIVALDATEPL)
  - Actual goods arrival date (MARC- ISMARRIVALDATEAC)
  - Collection date (MVKE- ISMCOLLDATE)
  - Initial shipping date (MVKE- ISMINITSHIPDATE)
  - Delivery delayed after suspension (MVKE- ISMINTRPT)
  - Latest delivery date (MVKE- ISMINTRPTDATE)
  - Start of sales period (MVKE- ISMONSALEDATE)
  - End of sales period (MVKE- ISMOFFSALEDATE)
  - Start of returns (MVKE- ISMRETURNBEGIN)
  - End of returns (MVKE- ISMRETURNEND)
- Media product and media issue texts have been added as display fields.
32.2 IS-M-CA  Contract Accounts Receivable and Payable

32.2.1 Reversing Revenue Accrual in IS-M/CA (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can reverse documents created during revenue accrual in Media Sales and Distribution if you use Contract Accounts Receivable and Payable (IS-M/CA).

Effects on Customizing


32.2.2 Account Balance Display

Use

Account balance display for large accounts by means of snapshots.

For individual business partners with lots of items, you can create the account balance display from a preselected set of items. You should update this set at regular intervals.

You manage the business partners for whom this dataset is to be created in the new table TFK021_SNAP. Changes to this table are current settings, which means that you can also make entries in the productive system. The new report RFKKSAP (SAP menu: Account -> Account Balance Snapshot) creates the current dataset for all business partners or selected business partners in this table and saves it as a data cluster in the database in the form of a snapshot.

When you call up the account balance display, the system checks whether a unique business partner can be determined from the selection conditions. If you select by contract account or contract, you can use the new event 1219 here to determine a business partner. If you use account balance roles or event 1210 such that several selections are derived from one selection, the system does not evaluate the snapshot.

If the system has determined a business partner and a snapshot exists for this business partner, this snapshot is imported. The system checks the current selection conditions and displays the result in the list with corresponding information that the data is not up-to-date and with the date of the snapshot.

For installment plans, the snapshot contains the installment plan items and not the original item for these installment plan items. Therefore, when the original items for installment plans are desired in the list category, the snapshot is not used for the display.

If you are in a snapshot display, you can deactivate the snapshot from the menu via Account Balance -> Current Status. The system then reads the current data.
Effects on Customizing

Account balance display for large accounts by means of snapshots.

In the Implementation Guide for Contract Accounts Receivable and Payable under Basic Functions -> Account Balance Display -> Define Business Partner for Creation of Snapshots, you can enter business partners with large numbers of items.

This setting is one of the current system settings and, therefore, you can access it in the menu under current settings (Business Partner for Snapshots).

32.2.3 Archiving

Use

New Archiving Object: Convergent Billing

You can use the new archiving object FI_MKKTPH to archive the transfer records for convergent billing. The prerequisites for the archiving are described in the documentation of report RFKKTPHAR01.

New Archiving Object: Collection Agency

With the new archiving object FI_MKKCOLL you can archive data that is saved in connection with the submission of receivables and credits to a collection agency. The prerequisites for the archiving are described in the documentation of report RFKKCOLLAR01.

New Archiving Object: Cash Journal

With the new archiving object FI_MKKCJ you can archive cash journal data. The prerequisites for the archiving are described in the documentation of report RFKKCJAR01.

New Archiving Object: Sample Documents

You can archive sample documents with the new archiving object FI_MKKMDOC. Only sample documents that are not archived with the IS-U budget billing plan or that are created and deleted within installment plans are considered. The prerequisites for the archiving are described in the documentation of report RFKKMDOCAR01. For sample documents with a certain origin, such as sample documents created manually, you have to run a preprocessing program. For more information, see the documentation of the relevant industry component and the documentation of report RFKKMDOCAR04.

New Archiving Object: Item List in Cases

You can use the new archiving object FI_MKKCASE to archive the data from the item list for (dispute) cases. The prerequisites for the archiving are described in the documentation of report RFKKCASEAR01.

New Archiving Object: Payments Subject to Stamp Tax

With the new archiving object FI_MKKSTPY you can archive data that is saved in connection with the posting of payments subject to stamp tax. The prerequisites for the archiving are described in the
documentation of report RFKKSTPYAR01.

*New Archiving Object: Tax Information for Commercial Operations*

You can use the new archiving object FL_MKKBGA to archive tax information for commercial operations posted in FI-CA. The prerequisites for the archiving are described in the documentation of report RFKKKBGAAR01.

*New Archiving Object: Debit Memo Notifications*

With the new archiving object FL_MKKPNBK you can archive the history of debit memo notifications. If the business partner has already been archived, the current debit memo notifications for this business partner are archived. The prerequisites for the archiving are described in the documentation of report RFKKPNBKAR01.

*New Archiving Object: Payment Specifications*

With the new archiving object FL_MKKIP you can archive data for payment specifications. The prerequisites for the archiving are described in the documentation of report RFKKINDPAYAR01.

*Enhancement of Document Archiving*

With Release 6.00, the workflow parameters for FI-CA documents are also archived (table DFKKKQ_WF). There are no additional checks. See the documentation for Document Archiving Device.

The deletion program of the document archiving device is now started automatically.

*Enhancement of Business Partner Archiving*

You can also archive the data of the write-off history (table DFKKWOH). The data extract of the business partner data (table FKK_GPSHAD) and the corresponding business partner are deleted. There are no additional checks.

*Enhancement of Dunning History Archiving*

The new table FKKMAREDUCT is archived with the corresponding data object with no further checks.

*Log Changeover*

With Release 6.00, the log output of all Contract Accounts Receivable and Payable archiving objects has been changed. You can now select the output either as classic list or application log. Additional information that was previously displayed in the log is still available in the application log.

- Previously, the number of entries for each table was specified for each data object written. This information now appears as detail information for each success message of the data object.

- In the case of document archiving, you were previously able to display additional information. This is output as detailed information for each error message.

*System Variants for Deletion Job*

The system variants delivered by SAP that are used in the deletion programs have been adjusted for the new program. Output in the application log is supported. Depending on whether you choose test or update mode, a detailed or minimal log is written.

To archive the master data, you have to adjust the variants that you have created yourself manually.
Effects on Customizing

Maintain the archiving terms for the following archiving objects in the Implementation Guide for Contract Accounts Receivable and Payable:

- Collection agency (FI_MKKCOLL)
  Choose Business Transactions -> Submission of Receivables to Collection Agency -> Archiving
- Cash journal (FI_MKKCJ)
  Choose Business Transactions -> Payments -> Archiving
- Sample documents (FI_MKKMDOC)
  You maintain the life of sample documents under Business Transactions -> Postings and Documents -> Archiving.
- Item list in cases (FI_MKKCASE)
  Choose Integration -> Financial Supply Chain Management > Dispute Management -> Archiving.
- Payments subject to stamp tax (FI_MKKSTPY)
  Choose Basic Functions -> Special Features of Tax Processing -> Archiving.
- Tax information for commercial operations (FI_MKKBGA)
  Choose Basic Functions -> Special Features of Tax Processing -> Archiving.
- Debit memo notification (FI_MKKPNBK)
  Choose Business Transactions -> Payments -> Archiving
- Payment specification (FI_MKKIP)
  Choose Business Transactions -> Payments -> Archiving

32.2.4 Authorization Objects

Use

Authorization checks in search helps for contract account

In search helps for the contract account, the system checks the authorization for displaying master data for the authorization group in the master record (F_KKV_BEG). Contract accounts where the authorization is missing do not appear in the search help.

If the new indicator Check Contract Account Category Authorization in Search Help is set in the contract account category, the system also checks the authorization object F_KKV_VKT with the activity Display.

Authorization checks for Funds Management account assignments

When you post, process, and display documents and requests and in the account balance display, the system checks the Funds Management account assignments. It does this if Funds Management is active and in Customizing for Funds Management, the check for old activities (FMISPS-AUTHACT_OLD) has
not been activated. The system checks the authorizations objects for the account assignment elements for Funds Management (commitment item, funds center, fund).

**Authorization object for reconciliation key and posting totals**

With the authorization object `F_KKSU`, you can now protect the reversal in the general ledger (FI-GL) and profitability analysis (CO-PA) with activity `85`.

**Authorization object for special functions**

With authorization object `F_KK_SOND`, you can now protect the new evaluations for open items with activity `112`.

### 32.2.5 BAPIs

**Use**

`BAPI_CTRACDOCUMENT_CREATE: Methode CtrAcDocument.Create`

The method `CtrAcDocument.Create` of the BAPI `BAPI_CTRACDOCUMENT_CREATE` now contains the parameter `RecKeyInfo`. Using the information in this parameter, the system searches for an open reconciliation key or creates a new reconciliation key if no reconciliation key is transferred to the document.

### 32.2.6 BEPDTA Payment Medium Format for Belgium (New)

**Use**

A new payment medium format is available for Belgium in Contract Accounts Receivable and Payable (FI-CA). The format, BEPDTA, is based on the format version 3.1 and corresponds to the format specifications published by the Belgian Bankers’ Association in April 2003.

You use the BEPDTA format in conjunction with the payment program and payment media program to generate a file for foreign payment orders.
32.2.7 Sanctioned Party Lists

Use

*Prevention of payment transactions*

After the terrorist attacks of September 11, measures to prevent foreign transactions of terrorist forces were considerably increased (for example, through instructions from the German Federal Ministry of Economics and Labor (BMWA), and regulations of the Council of the European Union and the European Commission).

Supervisory authorities no longer accepted manual monitoring of payment transactions as practised by many financial service providers. Insurance companies and banks are now required to prevent payment transactions with persons named in sanctioned party lists (SPL) and embargo countries.

From Release 6.00, SAP supports you in implementing these legal regulations in payment transactions. The relevant functions of the component *Global Trade Services (SAP GTS)* have been integrated into Contract Accounts Receivable and Payable (FI-CA). You can now compare master data automatically with the regularly published sanctioned party lists, such as that from the Office of Foreign Asset Control (OFAC) in the USA, lists from BMWA, or the EU, and apply the results in the payment program in Contract Accounts Receivable and Payable.

You can obtain sanctioned party lists from data providers and import them to the relevant system via the XML interface. You can also create your own lists and use them for the check. To do this you have to create *internal sanctioned party lists* in *SAP GTS*.

You define which lists are used for the check in *SAP GTS* in Customizing. You create legal regulations in *SAP GTS* for this. Each legal regulation determines which sanctioned party lists are relevant for you.

The comparison with the sanctioned party lists takes place by means of the Sanctioned Party List Check (SPL) of the SAP component *SAP GTS*. This determines the relevant organizations or persons so that you can prevent payment transactions with them.

You can run the component *SAP GTS* as follows:

- In the same system as Contract Accounts Receivable and Payable, in the same or different clients
- In a separate system

If you run *SAP GTS* and Contract Accounts Receivable and Payable in the same system and client, you do not have to replicate the business partner data to *SAP GTS*, that is, the data does not have to be retained in duplicate.

If you run *SAP GTS* and Contract Accounts Receivable and Payable in different clients or systems, the
business partner data is replicated to SAP GTS via an ALE scenario. You also have to configure the ALE standard scenario for master data distribution and check it periodically. The first time you use SAP GTS you have to carry out a legacy data transfer. This means that you have to transmit all business partners to SAP GTS and check them there. You also communicate new business partners or changes to business partners via this scenario. For more information, see SAP note 831743.

When you activate the functions of SAP GTS, you define check-relevant role categories where you have to add the roll category MKK. In the Business Data Toolset (BDT), you have to add the corresponding tab page in the role category MKK and thus make it visible in the transactions of the SAP Business Partner. For more information, see SAP note 831743.

The business partners created in SAP GTS receive the status Not Checked. The comparison with the sanctioned party lists takes place via a comparison of the addresses. Depending on the result of the check, a business partner receives the status Locked or Released.

SAP customers and vendors that you always access, for example, from Financial Accounting (FI), are always transferred to SAP GTS and created there separately as an SAP business partner with a GTS role. SAP GTS saves some additional data for each business partner with this role.

Contract Accounts Receivable and Payable supports the following checks:
- Comparison of business partner master data, including account holder, with sanctioned party lists
- Evaluation of the results of the check in the payment program
- Check in the payment program as to whether the country of the payee or payer is subject to an embargo
- Check of the note to payee by SAP GTS in the payment program

For both incoming and outgoing payments, the payment program determines whether a business partner is included in a sanctioned party list and therefore whether payment is to be prevented.

Each business partner can have one or more sets of bank details. Each of these sets of bank details can have an account holder. This account holder is also compared with the sanctioned party lists and, if necessary, the payment program prevents payment transactions.

The banks (in particular, all correspondence banks in the USA) check the text of the note to payee in the payment media and react accordingly depending on the result of the check (for example, by locking a payment). The text in the text field can also be compared with the sanctioned party lists. To do this, use the sample module FKK_BLACKLIST_0655 to define an own function module and define it for event 0655 in Customizing.

In order to enable the payment program to have swift access to current check data, you should run the report #Get Locked Partners and Countries# (determines the locked data from SAP GTS) at periodic intervals (see menu: Periodic Processing -> Data Transfer).

From the menu of Contract Accounts Receivable and Payable, you can access the transaction for transferring data of critical business partners and embargo countries under Periodic Processing -> Transfer Data -> Sanctioned Party Lists.

You access the component SAP GTS from the menu using the transaction /SAPSLL/MENU_LEGAL_R3.
Effects on Customizing

You make the system settings in the *SAP Customizing Implementation Guide* under *Materials Management -> Purchasing -> Foreign Trade/Customs -> SAP Global Trade Services.*

### 32.2.8 Cash Desk

**Use**

With Release 6.00, the layout of the cash desk has been revised and new functions have been added. With immediate effect, you can now process payments with several payment categories in the cash desk. This means that a customer can make a payment with a combination of cash, check payment(s), payment card(s), and postal orders.

The initial screen is divided into three parts:

1. **Header data**
   - The header area contains the static data of a payment, such as the payment date and the company code. You can display or hide this screen area using a pushbutton.

2. **Simple selection /G/L account posting**
   - The middle area contains two tab pages one for entering selection criteria for the payment and one for entering the data for general ledger account postings.
   - In both cases the cash desk supports multiple entries.

3. **Details of payment category**
   - In the area for payment categories, there is a separate tab page for each payment category supported: *Cash, Check, Payment Card, Postal Order*. With the exception of cash payments, multiple entries are possible. The system displays the payment categories and amounts entered in a totals table.

You can create individual documents in the general ledger (FI-GL) and payments on account by setting the corresponding indicator.

Payment lots are supported as before.

Effects on Customizing

Short account assignment

Up until now, you have defined the short account assignments for the cash desk and cash journal in a separate Customizing table. From Release 6.00, the cash desk uses the standard table. In the Implementation Guide for Contract Accounts Receivable and Payable choose: Business Transactions -> Payments -> Incoming/Outgoing Payment Processing -> Define Short Account Assignments for Transfer Postings.

Document types

You maintain the document type of a payment category in posting area 0161 per company code and payment category. Since four payment categories are supported—cash payment, check payment, payment card, and postal order—this means that you can define a maximum of four document types per company code. In the Implementation Guide for Contract Accounts Receivable and Payable choose: Business Transactions -> Payments -> Incoming/Outgoing Payment Processing -> Cash Desk/Cash Journal -> Define Document Type for Payment Category.

32.2.9 Cash Journal

Use

Name of currency unit in currency sheet

In the activity Cash Journal: Define Currency Units of Currency Sheet in the Implementation Guide for Contract Accounts Receivable and Payable under Business Transactions -> Payments -> Processing Incoming/Outgoing Payments -> Cash Desk/Cash Journal, you can now maintain the name for the currency units of the currency sheet in more than one language for cash desk closing. A separate text table has been added to the table, and this enables you to maintain the names for each language.

Cash desk clearing account

The cash desk clearing account is hidden in the cash journal dialog. If the system can automatically determine a unique cash desk clearing account, no cash desk clearing account is displayed. If the system cannot determine a unique cash desk clearing account, you can specify one.

Posting deposits

The dialog for posting deposits has been revised. The screen is divided into two areas. You can hide the header data. The fields that you always need to post a deposit are permanently visible.

Posting differences

The dialog for posting differences has been revised. The screen is divided into two areas, as for posting deposits. You can also hide the header data. The area that is permanently visible shows the balance for each payment category, provided you can post difference for all payment categories. If a difference occurs in one or more balances, you can select and activate these and enter the respective actual balance. For each activated item, the system posts one document for differences.

Posting withdrawals

The dialog for posting withdrawals has been revised. The screen is divided into two areas, as for posting...
deposits. You can hide the header data. The area that is permanently visible shows the actual balance per payment category. You can select and activate the balances for withdrawal. You can also post a partial withdrawal for the cash balance. Regardless of the setting for the cash journal, the balances per payment card are displayed and offered for withdrawal. If you select and activate a cash balance and enter a partial withdrawal amount, you can only post the remaining amount as a new deposit. This does not change the cash desk balance, but the performance for determining the current cash desk balance improves considerably.

SAP recommends that you post the remaining amount of the cash withdrawal as a new deposit (for example, change that stays in the cash desk permanently) at regular intervals, or, for example, before or after closing at the end of the day. For each activated item, the system posts one withdrawal document and, if necessary, a deposit.

**Reversal of special posting documents**

The *Reversal of Special Posting Documents* function has been enhanced. You can now reverse a deposit or difference as well as a withdrawal, provided the deposit or difference has not been partially or completely withdrawn.

**Transfer of items**

The dialog for transferring items has been adjusted to the new layout.

*Event 6120*

The interface of the function module FKK_SAMPLE_6120 has been revised. If you replace standard functions in the cash journal with your own applications, you have to call these in event 6120. The return of a transaction code or report name is no longer necessary. In addition, you no longer have to default a date for selecting items for a withdrawal or difference posting. The system automatically determines all relevant items for posting a withdrawal or difference.

*Event 6140*

The interface of the function module FKK_SAMPLE_6140 has been revised. The transfer parameter `TX_DFKKCJT` has been included as an optional table. The table contains the special posting documents (deposit, difference, withdrawal, and cash discount) that were changed by the respective action, for example, by the posting of a withdrawal in the database table `DFKKCJT`.

**Create lot**

The function *Create Lot* under *Cash Desk* in the menu has been removed from the scope of functions of the cash journal. The cash journal now creates lots automatically. You can influence the assignment of the lot ID at event 6170.

**Effects on Customizing**

**Name for currency units in currency sheet**

A language-specific name field has been added to the table for currency units of the currency sheet for cash desk closing. The names maintained to date are no longer displayed. You have to maintain the name again; however, this maintenance can be language-specific.
Cash desk clearing account

In the activity **Maintain Specifications for Cash Desk/Cash Journal** in the Implementation Guide for Contract Accounts Receivable and Payable under **Business Transaction -> Payments -> Processing of Incoming/Outgoing Payments -> Cash Desk/Cash Journal**, you can configure whether the cash desk clearing account is to be permanently visible in the cash journal dialogs.

32.2.10 Conversion of Swiss Bank Statement to MultiCash (New)

**Use**

You can use report RFKKCHINC00 to convert into MultiCash format feedback files from your bank or PostFinance that contain information about the following types of payments you requested:

- Inpayment slips with reference number (ISR)
- Outpayment orders (OSR)
- Electronic payment orders (EPO)
  
  This is a return file in XML format from PostFinance that contains errors from the processing of the EPO file.

You can also specify further processing of the converted file with the FI-CA MultiCash report, RFKKKA00.

**Effects on Customizing**

You need to configure settings as described in the report documentation.

32.2.11 Closing Operations

**Use**

*Postings for Year-End Closing*

For year-end closing, you can now post posting documents for closing and opening the balance sheet accounts for Contract Accounts Receivable and Payable (FI-CA) in accordance with legal requirements.

In the SAP menu, choose **Periodic Processing -> Closing Operations -> Postings for Year-End Closing**.

*Document Type for Reclassifications*

To post reclassifications in the transaction **Post Reclassification** (FPRECL), you can define a default
value for the document type in Customizing.

Adjustment of Posting Material after Change to Percentages of Ownership

In accordance with German reporting requirements, receivables and payables from associated, participating and external companies have to be displayed separately in the financial statements. You can use different reconciliation accounts for the associated companies, the non-associated companies, and the participating companies. The company ID (VBUND) is defined in the contract accounts of a business partner and is transferred to the documents during posting. The G/L accounts can be determined in a customer-specific account determination using the Company ID field.

The German Federal Financial Supervisory Authority (Bafin) also requires that revenues for bonuses, provisions, reserves, and losses are to be displayed separately according to associated and participating companies. If the assignment is to be controlled using accounts, you also have to use the Company ID (VBUND) field in the G/L account determination for revenue and expense accounts.

Reserves, that is payables where the usage is known but not the amount and due date, are also to be displayed separately.

If a company purchases another company, the company purchased becomes an associated or participating company. All open receivables and payables at the key date must be corrected in the correct receivables account and all revenue and expense postings in the period in question must be determined. The relevant period results from the purchase or sales contracts and can, for example, start with the purchase date or the start of the current fiscal year.

The following cases can all occur if the value in the Company ID (VBUND) field changes in the contract account of the business partner:

- The Company ID field contains no value and is now filled (for example, with 000001), or the Company ID field was filled and is now empty.
  A company was purchased or sold. A new entry must be created in company table T880 for the company purchased with specification 000001. You define or delete this entry in the Company ID field in the contract account or in the business partner when using the component SAP FS-RI. The system adjusts the Company ID automatically in the contract account. In the account determination, you can create a new entry with specification 000001 or * in the Company ID field and the corresponding account. You also have to write an entry, with specification of the valid from date and the relevant period for the revenue consolidation in the table of percentages of ownership DFKKV Bund. If there is no specification for the start of revenue consolidation the system sets the start to the general valid from date.

- The value in the Company ID field changes (for example, from 000001 to 000002).
  The status of a company changes, for example, from participating to associated. In this case you have to create a new company and assign it in the contract account or business partner. The system adjusts the Contract Account field automatically. In the account determination, you create a new entry with specification 000002 in the Company ID field and the corresponding account. You also have to make an entry in the history table (DFKKV Bund) for 000002 specifying the valid from date and the relevant period for the revenue consolidation.

You perform the postings required due to the change of percentages of ownership in closing preparations using the programs for foreign currency valuation (transaction FPW1), reclassifications, evaluation of open items for key date (transaction FPO1P) and the new report Adjustment Postings for Percentages of Ownership in the SAP menu under Periodic Processing -> Closing Preparation. You should run the report for the adjustment before the foreign currency valuation and the
reclassification.

Using the new report Adjustment Postings for Percentages of Ownership you can adjust the company ID (VBUND) in the document in the individual company codes if the change of trading partner is retroactive. The report determines the adjustment requirement after the percentages of ownership of the trading partner has changed (for example, change of status of a customer from business partner to an associated company) separately for:

- Receivables and payables
- Revenues and expenses
- Reserve postings

The report displays the adjustments.

The report considers the reserves, receivables, and payables at the key date, revenues and expenses for the period.

The report can also post the adjustment requirement; if necessary by business partner and/or company code. For test purposes, you can select by segment and business area.

For receivables and payables, the adjustment is done using separate adjustment accounts that the report determines per reconciliation account using posting area 1350. The posting is performed for the key date in local currency. The inverse posting is for key date plus 1.

For revenues, expenses, and reserve postings, the adjustment is made to the general ledger accounts with no inverse posting.

In the industry component Insurance, you can determine the accounts at event V040 if you use customer-specific account determination for the revenue accounts.

You cannot reverse adjustment documents for receivables and payables and reserve postings. However, you can run the key date-related adjustments for different key dates.

You cannot adjust revenues that have already been adjusted. To make an adjustment, you first have to reverse the adjustment documents of the revenues.

**Example**

1. In reporting year 2004, receivables and payables with business partner XY were posted as follows.
   a) Receivable EUR 1000, posting date 01/01/2004 (date of document entry 01/01/2004)
   b) Receivable EUR 200, posting date 02/01/2004 (date of document entry 02/01/2004, cleared on 03/05/2004)
   c) Receivable EUR 300, posting date 08/01/2004 (date of document entry 08/01/2004)
   d) Receivable EUR 400, posting date 09/01/2004 (date of document entry 09/01/2004, cleared on 09/05/2004)

2. Notification on 10/15/2004 that company XY is an associated company from 07/01/2004.

3. Change to the value in the Company ID field in all contract accounts of the business partner from SPACE to, for example, 1000 (day of change 10/15/2004).

4. Change to the account determination for receivables/payables, new entry for company ID 1000 to other receivables/payables account (date of change 10/15/2004).
5. Entry in the table for the trading partner T880 and corresponding history table (DFKKVBUND).

6. Further receivables posting for EUR 500, posting date 11/01/2004 (date of entry of document 11/01/2004), where the new account is determined.

Closing preparations at year-end for creation of financial statements for 2004.

Subledger accounting reports that all payments have been assigned. In addition to the foreign currency valuation, reclassification, and sorting, the adjustment with regard to the changed value in the Company ID field must be carried out for business partner XY; key date for receivables/payables is 12/31/2004, the period for revenues/expenses is 07/01/2004 – 12/31/2004.

The report finds seven documents among the receivables and payables. The first six documents (a to d) are different to the current account determination, two of them (a and c) are open. Both of these documents are displayed and you can adjust them by means of an adjustment posting.

With regard to the revenues, the report determines that in two documents (c and d), revenues were posted with an incorrect value in the Company ID field. An adjustment requirement of EUR 700 is displayed and transferred.

Reserves are not affected.

For reserve postings you can use report FPRES_CON (Summarization of Reserve Postings) to summarize the table of reserve postings (DFKKRES). Here you can also compare the amounts of the table with the original line items after a currency changeover, for example.

**Effects on Customizing**

**Document type for reclassifications**


**Maintenance of percentages of ownership**


For each business partner, you can enter from when which value is valid, and from when this entry is valid for the revenue consolidation.

**Document types for adjustment posting**

In the Implementation Guide for Contract Accounts Receivable and Payable under Closing Operations -> Adjustment Postings for Percentages of Ownership -> Define Document Types for Adjustment Postings, you maintain the document types to be used for adjustment postings. For each document category you have to define a document type for:
- Receivables and payables
- Revenues and expenses
- Reserve postings

32.2.12 Submission of Receivables to Collection Agencies

Use

Follow-on activities after submission

With the new event 5057, you can now carry out follow-on activities after submission to collection agencies.

Information for collection agencies

With the mass run Information for Collection Agencies (menu: Periodic Processing -> For Contract Accounts -> Submission to Collection Agency), you can forward additional information to the collection agencies you use. You can always create the information files for receivables submitted for collection when you have carried out one of the following activities:

- Receivables submitted for collection have been reversed
- Receivables released by dunning and submitted for collection have been reversed in the dunning history
- Receivables submitted for collection have been written off

Effects on Customizing

Information for collection agencies

For the transaction Information for Collection Agencies (FPCI), you can assign default values for the selection of the information to be sent to a collection agency. To do this, in the Implementation Guide for Contract Accounts Receivable and Payable, choose Business Transactions -> Submission of Receivables to Collection Agencies -> Specifications for Sending Information to Collection Agencies. The system no longer accesses posting area 1059 for this purpose.

32.2.13 Correspondence

Use
Balance confirmation

The scope of functions of the balance confirmation has been extended. From Release 6.00, you can decide which of the following confirmation procedures you want to use:

- Balance notification (negative request)
- Balance request (open method, request procedure)
- Balance confirmation (positive request)

The application form \texttt{FI\_CA\_BALANOTE\_SAMPLE} has been enhanced accordingly, but is only available in German. As standard, you should use the application form \texttt{FI\_CA\_BALANOTE\_SAMPLE\_SF}.

You can restrict balances and receivables volume of the accounts for which balance confirmations are to be created using additional parameters.

You can postprocess the data saved in the system for the balance confirmations created later using transaction \texttt{FPBN} in the menu under Periodic Processing -> For Contract Accounts -> Correspondence. Here, for example, you can indicator whether a reply has been received, or determine the balance confirmations that have led to no response.

Effects on Customizing

In the activity Process Change Document Display in the Implementation Guide for Contract Accounts Receivable and Payable under Basic Functions -> Correspondence, you can define whether and in which order the individual attributes of a change document are displayed on the screen Display Change Documents and define the standard settings for the selection criteria.

32.2.14 Data Transfer

Use

\textit{File editors}

With Release 6.00, the file editors of the programs for the file transfer have been summarized in the transaction \texttt{FILEEDIT} (see menu Periodic Processing -> Transfer Data -> Process Transfer File). The transaction replaces all file editors previously provided. You can continue to use the existing editors, but SAP will no longer maintain them.
32.2.15 Integration with SAP Dispute Management

Use

The dunning proposal run now considers dunning reductions resulting from dispute cases from Dispute Management. See the release information for Dunning.

32.2.16 Dunning

Use

*Execution variant*

In the dunning proposal run, you can now use the dunning parameter Execution Variant.

Using execution variants, you can postprocess the dunning proposal on the basis of any company-specific criteria in event 300.

*Consideration of dunning reductions*

The dunning proposal run now considers dunning reductions, for example, that come from dispute cases. The dunning reductions are distributed to the dunning groups in the new event 0335. The amount is deducted from the dunning balance. SAP provides the sample function module FKK_SAMPLE_0335_DISPUTE for the deduction of amounts from dispute cases. You should define this as an installation-specific function module for event 0335.

*Revise dunning activities*

In the dunning activity run, you can revise the dunning activities from Customizing. In event 0351, you can add or delete dunning activities dependent on information from the dunning header (for example, business partner).

*Dun interest and charges documents immediately*

Using the new *Dun New Documents Immediately* indicator, you can configure the Customizing of the dunning levels such that documents posted by the dunning activity run (interest and charges) are immediately dunning with the dunning level of the dunning header. The dunning history for these documents is created by the dunning activity run.

*Field enhancements in the dunning history*
For the dunning history, you can include additional data fields in the display of the dunning headers and dunning items. For the enhanced display of the dunning headers, you define the customer include of structure FKKMAKO_PLUS with the additional fields required. You then make entries in your additional fields using a customer module for event 391. For the enhanced display of the dunning items, you define the customer include of the structure FKKMAZE_STRUC with the additional fields required. You then fill your additional fields using a customer module for event 392.

**Check dunning group against limit percentage rate**

You can now exclude dunning groups from dunning if the open percentage proportion of the items assigned is below the limit percentage rate. You define the limit percentage rate (field MINPZ_KK) per dunning level in the dunning procedure.

**New form class FI_CA_DUNNING_NEW**

The form class FI_CA_DUNNING has been replaced by the new form class FI_CA_DUNNING_NEW (example form: FI_CA_DUNNING_SAMPLE_SF). SAP is no longer developing the old form class FI_CA_DUNNING further; however, it will be retained in the system. This means that you can continue to use all of the application forms that you have previously created.

**Effects on Customizing**

**Execution variant**


**Dun interest and charges documents immediately**

The Dun New Documents Immediately indicator (V_TFK047B-NEWDC) in Customizing for dunning levels replaces the SETDL indicator in Customizing for additional receivables. See also SAP Note 745322.

**Check dunning group against limit percentage rate**


Select a dunning procedure and the related dunning level for which you want to maintain the limit percentage rate.
32.2.17 Enhanced Message Management

Use

Solution processes

Calls of BOR methods or workflow processes have been added as solution processes to the action box calls previously used on their own.

In contracts to the action box calls, the new solution processes are completely integrated in the maintenance transaction for the clarification case category. This has the following advantages:

- The data flow can be defined within the transaction for maintaining the case category and is specific for exactly this case category.
- The input help (F4) is supported for both sender and receiver in the data flow definition.
- Different case categories with different container element names can call the same solution process.
- You can use both BOR objects and their attributes as input parameters for the solution processes.
- The complete data flow is now checked when it is defined.
- The performance is better because the solution processes are called directly.

Effects on Customizing

Solution processes

On the Processes tab page in the transaction for maintaining clarification case categories, you can now define both BOR methods and workflows as solution processes (see Implementation Guide for Contract Accounts Receivable and Payable, Basic Functions -> Enhanced Message Management -> Specifications for Generating Clarification Cases -> Maintain Clarification Case Categories).

However, you can only define the data flow for both of the new solution process categories.

You can therefore continue to use existing action box calls. However, SAP recommends that you create BOR methods or workflows for new solution processes.

32.2.18 New Events

Use

New Events

- 0064
- 0073
- 0081
- 0208
- 0262
- 0296
- 0335
- 0336
- 0351
- 0375
- 0376
- 0391
- 0392
- 0606
- 0607
- 0608
- 0609
- 0616
- 0617
- 0618
- 0655
- 0803
- 0804
- 0870
- 1085
- 1086
- 1087
- 1129
- 1132
- 1219
- 1220
- 1255
- 1256
- 1784
- 1802
- 1844
- 1845
- 1850
- 1851
- 2418
- 2419
- 2420
- 2421
- 2422
- 2423
- 2424
- 2425
- 2601
- 2603
- 2610
- 2620
- 2622
- 2625
- 2628
- 2650
- 2655
- 2656
- 2660
- 2661
- 2662
- 2663
- 2664
- 2665
- 2666
- 2667
- 2670
- 2676
- 6307
- 6450
- 9566

*Changed Events*

- At event 0505, you can carry out further checks on the archivability of documents in addition to the standard checks provided by SAP. From Release 6.00, during document archiving, the system also archives the entries of table `DFKKKO_WF` (workflows for checks and approvals). These entries are also transferred to function module `FKK_SAMPLE_0505` that is processed for event 0505, and can thus also be subjected to customer-specific checks.

*Effects on Customizing*


**32.2.19 Foreign Currency Valuation**

*Use*

*Update of General Ledger Account Transaction Figures*

Up to and including Release 4.72, certain general ledger accounts used in Contract Accounts Receivable and Payable (FI-CA) had to have the attribute *Balances in Local Currency*. The following were affected:

- Receivables accounts and other reconciliation accounts
- Down payment accounts and accounts for tax clearing for down payments
- Exchange rate difference accounts

This meant that it was not possible to determine the portions of individual currencies from the transaction figures of the accounts alone.

This restriction has been removed with Release 6.00. You can change over the accounts in current operations. For transactions posted before the changeover, the transaction figures do not change; they are only recorded in local currency. For receivables, down payments, and tax clearing of down payments,
clearing postings are also updated only in local currency provided the open item was posted before the changeover.

From a currency point of view, the account balances are deemed to be correct after the changeover if the following conditions are fulfilled:

- Profit and loss accounts: The changeover took place before postings in the current fiscal year.
- Receivables accounts (down payments, tax clearing): All items posted before the changeover have since been cleared.

**Restrictions**

When you post tax-relevant down payments, the down payment account and the tax clearing account must have the same settings, that is, *Balances in Local Currency* must be active or not active in both accounts.

If there is a reversal, return, or clearing reset for a clearing posting in a third currency, that is, if part of the item(s) to be cleared was/were posted in a different currency to the clearing currency, you cannot reverse this reset posting again.

**Tools for the Interim Phase**

After the changeover of the receivables accounts, their transaction figures are not correct as long as there are still open items in foreign currency that were posted before the changeover. As part of year-end closing, additional postings are therefore necessary to display currencies correctly using the receivables adjustment accounts.

With the open item list for the key date, you can determine the values that would have been recorded in the receivables account if all postings had been updated correctly with regard to currencies. Run the evaluation in a variant where the following parameters are selected:

- Update Currency instead of Transaction Currency
- Simulate Update Currency

You post the difference between the result of the open item evaluation and the balance of the receivable account in a currency to be considered using an adjustment account.

**Example**

Local currency EUR, foreign currency being considered USD.

The receivables account has a balance of 400,000 USD, with a current value in local currency of 320,000 EUR. According to the open item list, the correct value would be 480,000 USD with a value of 380,000 EUR.

The receivables adjustment account is managed in the correct currency. You also need an interim account for which balances are only managed in local currency. The following adjustment postings are necessary:

- Receivables adjustment to interim account 80,000 USD (60,000 EUR).
- Interim account to receivables adjustment 60,000 USD (60,000 EUR).

For the first posting, you have to specify the foreign currency amount and local currency amount explicitly.

**Enhancements in Reporting**
In the evaluations of open items for the key date, you can display totals in transaction currency or in update currency. For clearing in alternative currency, this leads to different results. In simulation mode, the results are displayed as if currency-justified update had been active in the receivables account from the very beginning.

Lists output by reports for reconciling the general ledger enable you to also display the new fields *PSWSL* (Update Currency) and *PSWBT* (Update Amount).

**Deferred Inverse Posting for Foreign Currency Valuation**

You can configure the foreign currency valuation in different ways:
- With a financial statement view
- With several financial statement views (since 4.72)
- With several financial statement views and deferred inverse posting (with 6.00)

If you do not need the automatic inverse posting for key date + 1 in transaction *FPW1*, you can configure the system with the last setting mentioned such that the inverse postings are not created until one of the following events:
- Clearing
- Reversal
- Clearing reset
- Next valuation run (FPW1)

In the first three cases, you have to run the new transaction *FPW3* in regular intervals. This ensures that the document manipulations lead to the corresponding inverse postings.

To select correctly for the periods, you also need a valuation plan variant (Customizing) that contains the key dates when a revaluation of foreign currency documents is necessary.

You can find the transactions specified in the menu under *Periodic Processing -> Closing Preparation*.

**Effects on Customizing**

*Deferred Inverse Posting for Foreign Currency Valuation*

You have to first make the basic settings in the Implementation Guide for Contract Accounts Receivable and Payable under *Closing Preparations -> Foreign Currency Valuation*. If you select the setting *Valuation Based on Several Financial Statement Views with Deferred Inverse Posting*, you first have to create a valuation plan variant.
32.2.20 IDoc Interfaces for Contract Accounts Receivable and Payable

Use

Document Transfer with General Ledger Items

You can now use a new, separate interface to transfer documents with general ledger items. Using this new interface, the data is transferred from the XI message to the corresponding IDoc segments. If you add new fields to the XI message, you have to define event 2425, where the XI message is converted to IDocs.

The following IDoc basic types have been created for the new interface:
- **FKK_EBS_DOC_TREE** for posting documents whose tax items and general ledger items are to be uniquely assigned to a business partner item (hierarchical structure)
- **FKK_EBS_DOC** for posting documents for which assignment of tax items and general ledger items is not necessary (flat structure)

The function module **FKK_EBS_DOC_INPUT** processes the new basic types. You can use it to transfer and post the following objects:
- Invoices
- Credit memos
- Write-off documents
- Down payment requests

In addition to the new IDoc basic types, you can also use the following new IDoc segments:

- The new segment for the document header **E1FKK_EBS_DOC_HEADER** contains (among other things) the object relationship between credit memos and invoices or dispute cases, the external payment for reference number and the external document type. The specification of an external payment form reference number means that the business partner items are assigned to a payment form. The external document type specifies which document is to be transferred and assigns an origin key and the document type to the document.

- The business partner item is specified by means of the segment **E1FKK_EBS_DOC_BPITEM**. In event 2419, the item data is transferred in the internal structures. This means that you can extend the transfer in the customer-defined function module. In event 2424 you can make the enhancements to the account determination for the business partner items.

- Segment **E1FKK_EBS_DOC_GLITEM** transfers the revenue items. In event 2421, the corresponding date is transferred from the IDoc and then, in event 2418, the relevant account assignments are added to complete the data. In addition to this segment, you can add the optional segments **E1FKK_EBS_DOC_COPAITEM** and **E1FKK_EBS_DOC_DEFREVITEM** to a general ledger item.

- Segment **E1FKK_EBS_DOC_COPAITEM** transfers the external characteristics and characteristic values. However, an internal characteristic transfer is not possible, as in the interface without revenue items. You can make a customer-defined enhancement at event 2423.
For deferred revenue postings, use segment **E1FKK_EBS_DOC_DEFREVITEM**.

The new segment **E1FKK_EBS_DOC_TAXITEM** is used to create the tax item. You can extend the transfer using event 2422.

You use the optional segment **E1FKKK_EBS_DOC_WRITEOFFITEM** to transfer write-off documents and to write off a general ledger item that has already been posted. Business partner items, deferred revenue postings, and payment form items are not transferred.

You have to use the segment **E1FKK_EBS_DOC_PAYFORMITEM** if you want to add business partner items that have already been posted to a payment form.

Note for Event 1100

The new interface does not call event 1100. The account assignment for Funds Management is therefore not derived. However, you can transfer the account assignment data by defining customer-defined segments for the business partner and general ledger items. However, SAP recommends that you use the standard interface.

**Effects on Customizing**

You make the settings for the interpretation of the external tax ID, the general ledger account determination of the revenue items, and the posting transactions of the business partner items in the Implementation Guide for Contract Accounts Receivable and Payable (FI-CA) under Data Transfer -> Communication with External Billing Systems -> Transfer of Invoice Documents in the following activities:

- Translation of External Tax ID with Internal Handling
  Here you have to assign the external tax ID to an internal tax ID and you can also assign a condition type to the internal tax ID.

- Translation of External Tax ID with External Handling
  From Release 6.00 you can also assign external tax handling. The tax item transferred is not treated as a tax item in FI-CA; instead, it is forwarded to the general ledger as a revenue item. Here you have to assign the external tax ID to an internal tax ID. You also have to assign a tax item category for the tax ID.

- Define Specifications for the Translation of the External General Ledger Account Determination
  In this activity you define how the item IDs for a general ledger item of an external billing system required for the posting of an FI-CA document are to be translated in the internal parameters.

- Define Specifications for Translation of External Document Type
  In this activity you assign a document type and an internal object type to the external document type. The object type assigns the corresponding origin key to the processing of the document transfer with revenue items.

- Translation of Item ID into Posting Data

- Translation of Item ID into Posting Transactions
32.2.21 Changed Customizing Activities in Contract Accounts Rec. and Payable

Use

Basic Functions

In the Requests section, the activity Define Specifications for Document Creation and the corresponding structure node Document Creation are no longer required and have therefore been deleted.

Business Transactions

- Payments

You now define short account assignments for transfers that you previously defined in the section Processing of Incoming/Outgoing Payments -> Cash Desk/Cash Journal under Processing Incoming/Outgoing Payments (VC_TFK020).

- Dunning Notices

The activity Define Dunning Grouping Categories has been renamed Define Dunning Groupings.

Integration

- The activity Activate Funds Management Table Fields for Contract Accounts Receivable and Payable in the section Funds Management (PSM-FM) is no longer required and has been deleted.

- The activity Define Grid for Due/Overdue Items in the section Business Information Warehouse has been renamed to Define Grid for Grouping Items.

32.2.22 New Customizing Activities in Contract Accounts Receivable and Payable

Use

Basic Functions

- Postings and Documents

Under Document -> Maintain Document Account Assignments, you can make all settings for the Segment.

Under Define Account Assignments for Automatic Postings -> Automatic G/L Account
**Determination.** you can define the accounts for other tax postings. 
Under **Preparation of Processing Screens,** you can define the line layout for mass changes in account maintenance. 
Under **Document -> Official Document Numbers,** you can make the specifications for official document numbers in Italy. 
Under **Archiving,** you can define the life for sample documents and activate the archive information structure for the sample document archive.

- **Requests**  
  You can define request categories.

- **Account Balance Display**  
  Here you can define the business partners for whom you want to create snapshots.

- **Special Features of Tax Processing**  
  In the **Archiving** section, you can define the life for payments subject to stamp tax, activate the archive information structure for the archive for payments subject to stamp tax, define the life for tax information for public-owned commercial operations, and activate the archive information structure for the archive for tax information for public-owned commercial operations.

- **Print Workbench**  
  In the Print Workbench you can use two BAdIs: BAdI: Override and Default Print Parameters; BAdI: Set Status of Spool Output Requests.

- **Correspondence**  
  You can edit the change document display.

- **Check Management**  
  Here you can define the number range intervals for outgoing checks.

- **Enhanced Message Management**  
  For the evaluations in transaction **EMMA,** in the section **Specifications for Logging,** you can maintain internal number range intervals for jobs and, in the section **Specifications for Generating Clarification Cases,** you can maintain number range intervals for clarification cases.

**Business Transactions**

- **Payments**  
  In the section **Processing of Incoming/Outgoing Payments,** you can parameterize the search engine.  
  In the same section, under **Cash Desk/Cash Journal,** for the cash journal you can define document types for the payment category and cash desk clearing accounts.  
  In the section **Creation of Incoming/Outgoing Payments,** you can define screen variants for payment specifications and number ranges for payment specifications.  
  In the section **Archiving,** you can define lives for the transaction data in the cash journal, activate the archive information structure for transaction data in the cash journal, define the life for payment specifications, activate the archive information structure for the payment specification archive, define the life for debit memo notifications, and activate the archive information structure for debit memo notifications.

- **Dunning Notices**  
  Here you can define the run variants for the dunning proposal run.

- **Write-Offs**  
  You can activate the write-off in an external system.
Submit Receivables to Collection Agencies
For archiving, you can define the life for collection items here and activate the archive information structure for the archive for submitted collection items.

Integration
- In the sections Transfer of Billing Documents, Invoicing Reversal and Program Enhancements, you can make all settings that you need for Invoicing in FI-CA.
- In the section Financial Supply Chain Management, under Dispute Management, you can define the life for the item list in cases for archiving and activate the archive information structure for the archive for the item list in cases.
- In the section Customer Relationship Management, you can define the determination of the clerk responsible for a replication from Customer Relationship Management.
- Under Biller Direct, you can define user profiles.
- In the section Funds Management (PSM-FM), you can change the message control.

Closing Operations
- For the activities required in closing operations, in the section Foreign Currency Valuation, you can make basic settings and define valuation plan variants.
- In the section Adjustment Postings for Percentages of Ownership, you make the settings that you need for postings arising from the change of percentages of ownership in companies.

Data Transfer

Here you can define an ID for external systems and maintain the caller ID for external interfaces.
- In the subsection Communication with External Billing Systems, under Transfer of Invoice Documents, you can define specifications for the translation of the external document type, define the translation of the external item ID of the business partner item for the transfer with and without revenue items, define the translation of the external tax ID with internal handling or external handling, and define specifications for the translation of the external G/L account determination.
- In the subsection Outbound Interface, you can make all settings for the new outbound interface.

Program Enhancements
- In the section Prepared Enhancements, you can make the relevant settings for including the broker field in the business partner item.

32.2.23 Information System

Use
New and Changed Functions and Parameters in Open Item Reporting

- The key date-related open item list (FPO1) now contains the parameters Update Currency instead of Transaction Currency and No Totals in Transaction Currency. You can use them to control the evaluation of the amounts in update currency.

The parameter Totals at Level 1:2 controls the totals levels of the report (including segment). The parameters for the grouping levels have been replaced by the new parameter Grouping at Level 1:2.

You can now export the overall totals (parameter Export Totals) and evaluate them in the transaction Extended Evaluation of Report Totals (FPO6 in the menu under Periodic Processing -> Evaluation of Extracted Data).

You can also output the items additionally in a dataset in mass activity Open Item List for Key Date (Parallel) (FPO1P).

The logical file name was changed as follows:
- FI-CA-OPEN-ITEMS for Key Date-Related Open Item List (FPO1)
- FI-CA-OPEN-ITEMS-MASS OP List for Key Date (Parallel) (FPO1P)

- Item List FPO4

You can now group items in the item list. The report can display more than one item in accordance with the rules defined in the transaction Define Preselections (FPSEL). At event 9563, you can subject the items to additional authorization checks.

For the export to a data set, the same applies as for programs FPO1 and FPO1P.

- Open Item Reporting New Evaluations

With the item list FPO4, you can now alternatively evaluation also cleared items (all item posted in one period) if you set the indicator Only Open Items/All Items.

For simple evaluations of the items saved in a dataset, you can use the transaction Analysis of Open Items from File (FPO7 in the menu under Periodic Processing -> Evaluation of Extracted Data). Transaction FPO7F in the menu under Periodic Processing -> Evaluation of Extracted Data delivers the output in the form of the foreign trade report Z5a if the dataset contains only items from foreign customers.

- Preparation of Evaluation

In the selection of contract accounts, previously you could only consider active locks for the current date. You can now select by the period of the validity data for locks.

You can create the layouts of the open items between systems using an XML file.

There are two new layout objects that you can use for the field selection and rule definition for item summarization in transaction Item List FPO4.

- Document journal

In addition to the standard evaluation (productive documents), with effect from Release 6.00, you can also evaluate documents from data extracts in the document journal.

You can now export the summarized partner items and general ledger items and evaluate them in the transaction Extended Evaluation of Report Totals (FPO6 in the menu under Periodic Processing -> Evaluation of Extracted Data).
32.2.24 Deferral and Installment Plan

Use

Input Help for Installment Plan Number: Only Active Installment Plans as Default

On the initial screen of the transactions Change Installment Plan and Display Installment Plan, you can use an input help for the Installment Plan Number field. If you select via the installment plan history, as standard the system displays only active installment plans. If you also want to list deactivated installment plans, you have to delete the default value ‘ ’ in the Deactivation Reason field.

Alternative Payer for Installment Plan Items

Previously, it was not possible to define an alternative payer to the business partner for installment plan items. You can now use the new input field Partner for Payment in the transaction Change Installment Plan to do this. There you can maintain an alternative payer for each installment.

Payment Card ID in Installment Plan Items

Previously, you could only define a bank details ID for installment plan items but not a payment card ID. This is now possible using the field Card ID in the transaction Change Installment Plan.

Triggering of Events for BOR Object Type INSTMNTPLN No Longer in FI-CA Events

The events Created, Changed, and Deactivated are defined for the BOR object type INSTMNTPLN. Previously they were triggered in events 3040, 3041, and 3045 in Contract Accounts Receivable and Payable (FI-CA). To ensure that the events are actually triggered, this function has been transferred to the standard.

32.2.25 Integration

Use

General Ledger Transfer: Document Type

You can now define the document type for the general ledger individually for each document in Contract Accounts Receivable and Payable. You do this via a module that you define for event 0061.

Separate summary records are recorded for FI-CA documents with different document types for the general ledger transfer. The documents for the general ledger transfer are created separately according to
these document type.

If you do not specify a document type for the general ledger transfer, the document type define in Customizing for posting area 0100 is used for the posting.

**CRM Integration: Clerk at Contract Account or Business Agreement Level**

You can define a clerk at contract account level. This clerk must exist in the system as a business partner. On the CRM side, this clerk is a partner function on the business agreement. The CRM middleware replicates the clerk. In Customizing you define which partner function is to be replicated in the corresponding field in the contract account. If a clerk is defined in the contract account, this clerk can be assigned during the creation of the telephone list.

**Connection to New General Ledger Accounting**

With effect from Release 6.00 Contract Accounts Receivable and Payable (FI-CA) supports the following functions of the new General Ledger Accounting:

- Reporting by segments
  If a balance per segment is required, this takes place in the accounting interface.
- Extensibility of New General Ledger Accounting
  The same restrictions and requirements apply as for the **Special Purpose Ledger**.

Not supported:

- Reflection of different accounting principles in parallel ledgers
- Balanced ledgers in all dimensions

**Integration with General Ledger and Profitability Analysis: Mass Activities**

With effect from Release 6.00, you can use mass activities for the following functions:

- General Ledger transfer: Contract Accounts Receivable and Payable -> Periodic Processing -> Forward Postings -> Execution -> General Ledger Transfer (Mass Run)
- Profitability Analysis transfer: Contract Accounts Receivable and Payable -> Periodic Processing -> Forward Postings -> Execution -> Profitability Analysis Transfer (Mass Run)
- Check Totals Records: Contract Accounts Receivable and Payable -> Periodic Processing -> Forward Postings -> Execution -> Check Totals Records (Mass Run)
- General Ledger Reconciliation: Contract Accounts Receivable and Payable -> Periodic Processing -> Forward Postings -> Checks -> Check General Ledger Documents (Mass Run)
- Profitability Analysis Reconciliation: Contract Accounts Receivable and Payable -> Periodic Processing -> Forward Postings -> Checks -> Check CO-PA Documents (Mass Run)

**Integration with General Ledger and Profitability Analysis: Archiving**

The function for evaluating the archive for documents in the General Ledger and Profitability Analysis have been added to the functions for the document flow and the reconciliation of postings in the General Ledger and Profitability Analysis.

**General Ledger Transfer: Reversal of General Ledger Transfer**

With effect from Release 6.00, in FI-CA you can use a function for reversing the general ledger transfer. The reversal of the documents is performed as a real reversal in the general ledger or, if this is not
possible, as an offsetting posting.

The posting date of the document to be reversed is used for the reversal. A posting with alternative posting date is not supported. You can only carry out a complete reversal of all documents for a reconciliation key and company code.

The posting is performed as a negative posting if this is permitted for the company code and the negative posting for adjustments for this company code is activated in posting area 0100.

**CO-PA Integration: Subsequent Posting and Adjustment Function**

With effect from Release 6.00, an adjustment function has been added to the reconciliation report Value Flow FI-CA -> COPA. For the adjustment, all existing documents for the reconciliation key are reversed in profitability analysis and the transfer for these documents is carried out again.

**Posting Totals: Statement Report RFKKABS10**

In the menu under Contract Accounts Receivable and Payable -> Document -> Reconciliation Key -> Totals Statement, you can use a new report to display a statement of the posting totals for the reconciliation key. You can select and output all totals records, only totals records that have been transferred to the general ledger, or totals records that have not been transferred.

**Effects on Customizing**


Here you also have to define a segment for the transfer account if you have activated segmental reporting in the new General Ledger.

**32.2.26 Interfaces in Contract Accounts Receivable and Payable**

**Use**

*Outbound Interface: Postings to Business Partner*

With effect from Release 6.00, you can use *Outbound Interface: Postings to Business Partner*. Using a new mass activity (transaction FPOITR), you can transfer open and cleared items and payments of a business partner to an external system for invoicing, for example, using an XI interface.

**Effects on Customizing**
Outbound Interface: Postings to Business Partner

You define the external systems in the Implementation Guide for Contract Accounts Receivable and Payable (FI-CA) under Data Transfer -> Outbound Interface.

For each company code, in the activity Maintain Settings for Company code, activate the transfer of open, reopened, or cleared items and payment information.

For each external system, you have to make further settings for the outbound interface in the activity Maintain Settings for Receiver System.

32.2.27 Interest Calculation

Use

Overview of Interest Calculation

In the interest run and the interest run for cash security deposits, in the menu, under Environment -> Interest Calculation List, you can call up an overview for the interest run.

When you select the entry, the system runs the report RFKKINT_MASS_LOG.

32.2.28 Official Doc. Numbering and VAT Reporting for Italy (New)

Use

In Italy, a unique official document number (ODN) must be assigned and printed on all documents you send to customers, and it later serves as the basis for value-added tax (VAT) reporting. The system supports these requirements as follows:

- Automatic generation and assignment of ODN to relevant documents, based on your system configuration

- Monthly VAT report, RFKKITVATM - or, as required in special cases, the quarterly VAT reports - RFKKITVATQ (summary) and RFKKITVATD (detailed); for further information, including Customizing requirements, refer to the respective report documentation
32.2.29 Processing Locks

Use

Locks According to Preselections

From Release 6.00, you can use preselections that you have created with the transaction Define Preselections in the menu under Periodic Processing -> Technical Preparations to set and remove processing locks. You can process preselections for business partners and for contract accounts. If you process locks for business partners, locks are also processed for the contract accounts assigned to these business partners.

In the transaction Locks According to Preselections in the menu under Periodic Processing -> For Contract Accounts, you can display preselected data. You can set or remove locks synchronously from the transaction or synchronously as a background job that is executed immediately. The result of the processing of the locks is displayed in a log.

32.2.30 Mass Runs

Use

Reactivate Deactivated Parameter Records

If you deactivate parameters records of a mass activity, you can reactivate them provided they have not been finally deleted under Administration of Mass Processing -> Delete Parameter Records. In the menu choose Mass Processing -> Display Parameter Records Again.
32.2.31 Master Data

Use

**Business Partner**

**Role concept**

With effect from Release 6.40, *SAP Business Partner* provides a new concept for business partner roles (see release information for SAP Business Partner). This changed concept also takes effect in Contract Accounts Receivable and Payable (FI-CA) in Release 6.00. Therefore, business partners must now exist in the business role **M KK** for role category **M KK**. You create business partners in this role in transaction **FPP1**. You change and display them in this role in the transactions **FPP2** and **FPP3**. You can also process a business partner in transaction **BP**. With this transaction you can maintain all roles for a business partner.

If you use business partner roles on a time basis, note the following:

You must not restrict the business role **M KK** for role category **M KK** on a time basis. It must always have a validity from the current data to 12/31/9999. Restrictions on the validity of this role are not permitted.

**Standard address XDFADR**

The standard address of a business partner is no longer portrayed using the indicator **XDFADR** in table **BUT020**. This indicator is obsolete and you can no longer specify it on manual entry. With effect from Release 6.40, the standard address is portrayed with the address use **XXDEFAULT**. If you want to use addresses on a time basis, you can create different standard addresses for different periods. For each time, you can specify one address as standard address for the business partner.

**Time Dependency of the SAP Business Partner**

Planned changes to *SAP Business Partner* are no longer supported. This means that the report **BUSPCDACT** to be scheduled for application object **BUPA** is obsolete. For other master data objects, such as the FI-CA contract account (application object **FICA**), planned changes will still be used.

Planned changes will be supported by a new time dependency of *SAP Business Partner*. See the following release information:

- Time Dependency of Addresses (new)
- Time Dependency of Bank Details (new)
- Time Dependency of Central Data (New)

If you use the FI-CA shadow table, note that you have to schedule the report **BUPTDTRANSMIT** for application **M KK** regularly. This report recognizes whether there have been changes to master data due to moves and reflects these in the shadow table. If you do not schedule the report, the system may have to read data directly from the database tables of *SAP Business Partner* due to the data in the FI-CA shadow table not being up-to-date. This has a negative effect on the performance of the read process.

Up until now, report **RFKKGPSH** was used to create the shadow table initially. You can now create the shadow table using mass activity **GPSHAD_NEW**. If you have used planned changes for *SAP Business Partner* before a release change and the shadow table has already been filled, before you run a mass activity for the first time you have to run report **RFKKGPSHUPDATE**. This report invalidates the entries in the shadow table for business partners for whom there are unimplemented planned change
documents. This prevents obsolete data being read from the shadow table.

To revalidate the invalidated entries in the shadow table, you have to run mass activity

\textit{GPSHAD\_UPDATE}. This improves the performance of the read accesses to business partner data since, for invalidated entries in the shadow table, the system has to read data from diverse database tables of \textit{SAP Business Partner}.

\textbf{Change to Direct Input for Business Partner}

Since, due to the introduction of time dependency of \textit{SAP Business Partner} no planned changes for the business partner are supported any more, you can only call up the direct input for the business partner with the current date (VALDT = \textit{sy-datlo}).

The function module \textit{FKK\_BUPA\_MAINTAIN\_SINGLE} has been changed over accordingly. This carries out a direct input for the business partner internally. Up until now, this module could be called with any validity date (\textit{I\_VALDT}). Then the changes to the business partner were carried out with planned change documents.

To make the changeover easier, SAP converted the values specified with this module accordingly. If the new fields for time dependency are filled in the transfer parameters for this module, the values are not converted. If errors occur during the conversion, the system indicates this with a termination message. If the conversion cannot take place, the system issues corresponding information.

Examples of such a conversion:

- Change to central data in the future: Creation of a new time slot for \textit{I\_VALDT} with validity to the end of the time slot given by \textit{I\_VALDT}. The time slots that are after this time slot are updated. Before the direct input is called, parameter \textit{I\_VALDT} is set to \textit{sy-datlo}.

- Change to bank details in the future: New bank details are created. For the \textit{I\_VALDT} specified, there is a move from existing bank details (to be changed) to new bank details. Before the direct input is called, parameter \textit{I\_VALDT} is set to \textit{sy-datlo}.

- Planning for payment cards cannot be converted since there is no time dependency for payment cards. The changes take place without a corresponding validity and therefore take effect immediately. Users of the module \textit{FKK\_BUPA\_MAINTAIN\_SINGLE} are informed about this in an information message. Before the direct input is called, parameter \textit{I\_VALDT} is set to \textit{sy-datlo}.

\textbf{Moving Addresses and Bank Details}

Where the address or bank details are moved, the ID of the respective object in the contract accounts is not changed in the database. The description of the object displayed behind the ID in transactions \textit{CAA2} and \textit{CAA3} is, however, the description of the actual address or bank details used.

For bank details, in addition to the description, the ID of the bank details defined on the database is also displayed. Since, under certain circumstances, the ID displayed from the database is displayed with the description of the bank details for another ID, this is highlighted. In this case, behind the description, the system displays the ID of the bank details actually used. This indicates this special case and helps avoid incorrect interpretations of the display.

Example:

Incoming bank details 0001 Deutsche Bank/Heidelberg/DE/10020030/26126479 ( 0002 )

\textbf{Deletion of Address/Bank Details/Payment Card}

If you delete an address, bank details, or a payment card, the validity of the object concerned is not considered. The system displays an existing use in contract accounts or contracts in a warning message.
that you can ignore. This means that the system may contain contract accounts and contracts that refer to objects that no longer exist. SAP therefore recommends that you do not delete objects that are still used in contract accounts/contracts. You should only delete (ignoring the warning message) in exceptions.

Note also that even if the system shows no use for an object, the object can still be used in contract accounts/contracts.

**Example: Move from BKVID 0001 to BKVID 0002 on 01/01/2020**

In contract account VK1, BKVID 0001 is defined. From 01/01/2020 however, BKVID 0002 is to be used in the contract account. However, BKVID 0001 is still defined in the database. The bank details actually used are determined at runtime. SAP therefore recommends that you do not delete addresses and bank details when using the move function.

**Recommended Fields**

The option of using recommended fields has been introduced to the *Business Data Toolset (BDT)* with Release 7.00.

Previously, during processing in dialog, you could only switch to a different tab page if there was an entry in a field designed as a required entry field.

In *SAP Business Partner*, required entry fields are now recommended fields. This has the effect that fields in the dialog defined as such only have to be filled when you save. Before you save, you can navigate as required between the individual tab pages.

To be able to use recommended fields for a BDT application object, you have to set the indicator *Application Object Uses Recommended Fields (XRECOM)* in table TBZ1. This is set for application object *BUPA*. This results in an additional screen attribute that you can/have to program to:

0  Normal field
1  Required entry field
2  Recommended field

For queries as to whether a field is a required entry field, the instruction *IF SCREEN-REQUIRED = 1* is partly used. This query must now be *IF SCREEN-REQUIRED <> 0*. Therefore, if required, adjust your customer-defined field modification modules.

**Other Notes**

For information about time dependency and the new role concept, see SAP note 675530 (*SAP BP: Adjustments Required for Release SAP_ABA 6.40*).

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**Change Bank Data (Transaction FPP4)**

**Time Dependency of the SAP Business Partner**

Planned changes to *SAP Business Partner* are no longer supported. However, planned changes are still used for the FI-CA contract account. This results in the following changes to the behavior in transaction FPP4.

Changes to the processing of payment cards/credit cards:
- Deletion in the future
  The behavior in the contract account does not change. In the partner, the card remains unchanged/can no longer be deleted.

- Creation in the future
  The behavior in the contract account does not change. In the partner, the credit card is created immediately and can therefore be used immediately.

- Change in the future
  This is generally not possible. The system automatically switches to the mode Create in the Future (see above).

Changes to the processing of bank details:

- Deletion in the future
  The behavior in the contract account does not change. In the partner, a change is made for the current date whereby the valid to date of the bank details is set to the date of the required deletion in the future (logical deletion).

- Creation in the future
  The behavior in the contract account does not change. In the partner the data is created immediately with a valid from date that corresponds to the required future date.

- Change in the future
  The behavior in the contract account does not change. In the partner the new move function applies:
  - Creation of a new bank ID with valid from date in the future
  - Change of old bank ID by entry of the move date and the new bank ID in the future

Set of Rules of Follow-On Actions:

When you call the set of rules for the follow-on actions, the data of the dunning notices and returns affected is already visible in the set of rules in a list.

Effects on Customizing

Shadow Table for Business Partners


32.2.32 Processing Incoming and Outgoing Payments

Use

Payment Lot: Posting Date of Clarification
If the original posting date specified for clarification is no longer permitted, you have to use an alternative posting date. If only one company code is affected, or the same posting periods are open for all company codes affected, the next possible posting date is determined automatically. If you are posting cross-company code and different periods are open in the company codes, you may have to enter an alternative posting date manually. You can use the following function key to do this:

@1U@ Other Posting Date

*Payment lot: Clarification proposal based on earlier clarifications*

When you are clarifying payments, selections are proposed automatically derived from previous clarifications. All business partners/contract accounts/contracts are determined to which amounts were assigned for previous payments from the same bank account of the payer.

For certain bank accounts (for example, social welfare office account), the payments may affect a number of different accounts. This means that the selection proposed is very extensive and not easily manageable. Therefore, if there are more than three results from previous clarifications, the system also checks the usage text to see whether the values determined for the business partner, contract account, or contract are specified there. The search tolerates certain errors in that it permits different ways of writing the same words (for example, with separators or blank spaces) and also accepts a maximum of one incorrect character. If, among the previous clarification cases, there are some where the note to payee details correspond to the selection criteria as described above, only these entries are proposed.

*Payment Lot: Use of Short Account Assignments*

You can assign an authorization protection at short account assignment level for using short account assignments to post payment amounts to general ledger accounts. If an authorization group is assigned to the short account assignment in Customizing, the user needs the authorization for object F_KK_KUKON with the authorization group assigned.

You can also assign a tax code to a shourt account assignment (only if taxes are not dependent on a jurisdiction code in the country concerned). The amount of the posting is automatically reduced by the tax proportion and separate tax items are created.

*Payment lot: Correspondence for queries regarding clarification*

In clarification processing, you can use the new function *Correspondence for Clarification*. This means that you can, for example, submit queries to the house bank or other addressees. If you use the function, a business partner and an application form are proposed. Both values are defined in Customizing and you can overwrite them. The new correspondence type *0035 Query Regarding Incoming Payment Clarification* is delivered.

*Payment lot: Enhancement to check event 0242*

Event 0242 does not enable you to check any additional selections specified (only the first selection specification is available in the payment lot item). Using the new event 0262, you can now check all selections together.

*Payment lot: Fast search for payments using the search engine TREX*

Payments from payment lots can be held in the main memory of the search engine for a fast search access. The system administrator is responsible for the relevant Customizing, the initial creation of the search index, and the regular transport of changed and added entries.
If Customizing is defined for the connection to the search engine, when you search for payments the additional indicator Use Search Engine appears.

*Credit card lot: Check card data*

Up until now, where a payment had not been reported to the card institute for a credit card lot, you always had to enter the validity period and the cardholder. You can now make settings in Customizing dependent on the card institute so that you no longer have to enter these details.

**Effects on Customizing**

*Payment lot: Correspondence for queries regarding clarification*

You define default values for correspondence for queries regarding clarification cases as follows:

- The number of the business partner to be proposed (business partner that represents the house bank or a contact person at the house bank) in the Implementation Guide for Contract Accounts Receivable and Payable under *Business Transactions -> Payments -> Processing Incoming/Outgoing Payments -> Define Bank Clearing Accounts for Payment Lot*

  For each bank clearing account, you can enter the business partner number in the new field *Correspondence Recipient*. You also have to maintain the details *House Bank* and *Account ID* as these are used to determine your own account number at the house bank: this may be specified on the letter.

- The key of the application form to be proposed in the Implementation Guide for Contract Accounts Receivable and Payable under *Basic Functions -> Correspondence -> Define Application Forms for Correspondence*. Enter the required form under correspondence type 0035. The form *FI_CA_BANK_CORR_SAMPLE_SF* (Smart Form) is delivered as an example.

*Payment lot: Fast search for payments using the search engine TREX*

You first have to configure a TCP/IP connection to the TREX server. To do this, in the SAP Customizing Implementation Guide, choose: *SAP NetWeaver -> SAP Web Application Server -> IDoc Interface/Application Link Enabling -> Communication -> Create RFC Connection*.

You then make the system settings required using the administration transaction *COM_SE_ADMIN*.

Via *Goto -> Customizing*, choose *System Settings* to select a TCP/IP connection to the TREX server.

Under Business Objects and Indexes, check whether the business object *CA_INCPAY* has already been created. If not, add a corresponding entry. The class for this business object is *CL_FKK_SEARCH_PLOT*. When you are making the settings for this object, read the documentation for the individual fields: this gives you instructions about assigning useful values.

In the transaction you can also create and activate the index.

In the Implementation Guide for Contract Accounts Receivable and Payable, under Business Transactions -> Payments -> Processing of Incoming/Outgoing Payments -> Parameterize Search Engine, specify from which date of creation payment lot data is to be included in the search engine and whether, for the initial load, archived data should also be considered.

Using the report *COM_SE_DISPATCHER*, you can create the initial search data and transfer
subsequent changes in the dataset. This report should be planned as a background job. To transfer the changes, SAP recommends that you schedule regular repetitions (for example, once or more each day) to ensure that the search data is always up-to-date.

**Credit card lot: Check card data**

To make the setting for a reduced check of credit card data, see the Implementation Guide for Contract Accounts Receivable and Payable:

**Business Transactions -> Payments -> Creation of Incoming/Outgoing Payments -> Payment Cards -> Define Accounts for Payment Card Institute.**

**Payment lot: Fast search for payments using the search engine TREX**

In the activity *Parameterize Search Engine* in the Implementation Guide for Contract Accounts Receivable and Payable under *Business Transactions -> Payments -> Processing of Incoming/Outgoing Payments*, enter the date from which the system is to use the search engine for the search.

### 32.2.33 Payment Transactions

**Use**

**Payment Specifications**

With the new transaction *FPAY1A*, you can group open items and at this level, define payment data such as payment method, bank data, and DME data. The payment program processes this data for payment (payment specification of category "Payment Program"). You can also only group items (for example, without specification of payment data such as payment method, bank date) and use the payment specification thus created as selection criteria for the processing of incoming payments (payment specification of category "Valid for Payment Lot"). You use transaction *FPAY1B* for this.

You can make the following specifications for a payment:

- Payer (business partner, contract account)
- Payment method, paying company code
- Bank details/card details of business partner
- Bank details of company (house bank ID, house bank account ID)
- DME data (recipient code, instruction key)
- Run date
- Text for payment
- Reference number for payment
- Customer-specific additional fields

The system saves this payment data at header level and the related items at item level in the new object *Payment Specification*. You can include items from different business partners and contract accounts in one payment specification. In the payment specification you must always specify the paying business
partner and (if the specification is for the payment run) the paying contract account. You can use the function for incoming and outgoing payments and in principle, for all payment methods.

In the related line items, only the category of the payment specification (field DFKKOP-PDTYP) is set. The payment data entered (for example, payment method) is not entered in the line item.

If you define event 0606, when you post the document you can define for each business partner item that a specification is required for the item. This means that the payment run does not pay this item until a payment specification has been created for it. Items of this category are preselected items. This function is not possible for repetition items.

When you create/change a payment specification for the payment run, you can select either all items or only preselected items. You define the default for each user in the user parameter 8PAY_XITMS (A = all items, R = only preselected items).

If you define event 0616, on the initial screen of the transactions for creating a payment specification (and in the dialog box for subsequent selection of additional items), you can define additional selection criteria. This means that from the list of selected items, you can display only certain items (filter function) by evaluation your selection entries in the module specified here.

Items for which there is a payment specification of category "Payment Run", are protected from clearing in other clearing processes (except for the payment run). Corresponding information appears in the status display of open item processing.

When you create a payment specification, the authorization checks that apply to the document change function apply (company code, business area, and authorization group of contract account). The new authorization object F_KKINDPAY is also checked. Dependent on the category of the payment specification and the activity, this checks whether the relevant authorization exists.

You can also create payment specifications without an item reference. The system creates a header record, but no item records.

When you create or change a payment specification, the workflow for check and approval in accordance with the dual control principle can be run. You decide whether the creation/change must be approved in the new event module 5514; the relevant business object is CA_INDPAY. In addition to the status field (open/to be approved/approved), the Complete attribute exists. This must be set if the payment run or payment lot is to use a payment specification. This attribute can control the start of the approval workflow. For example, event 5514 can be so defined that the workflow only starts if the Complete attribute is set. This means that different users can carry out different changes without having to have each individual change approved before the next clerk can process the payment specification further. You cannot change a payment specification with the status To Be Approved until it has been approved/rejected.

If you create a change that is subject to approval, the payment data is stored with the status To Be Approved. The payment run does not pay this payment specification; instead it creates a payment exception. The changes from the workflow process (approval or rejection) are documented accordingly in the status. The payment program pays only complete payment specifications that have the status Open, Approved, or (see below) Reopened after Reversal of Payment.

When you change a payment specification in the new transaction FPAY2, the system writes history records for the header data; it then displays these on a separate tab page in the display. The person actually doing the approving also sees which change needs to be approved. When you include new items or remove items, the new items or items deleted are also displayed on separate tab pages if the change is subject to approval. Each item contains information about when it was included in the payment specification.
If you change a payment specification and want to include items in the specification, you have to select the items to be included before you save. If you want to remove items from a payment specification, you have to deselect them before you save.

You can implement additional checks that have to be carried out when a payment specification is changed via event 0608. There you can return error messages that then appear in a separate dialog box.

You can visualize customer-specific additional fields that you have defined via a CI include in the header table DFKKIP_GRP in event 0609. Your own fields are then displayed on a separate tab page.

Since you can group items from different business partners, the use of payment specifications is not suitable for parallelization via business partner intervals in the payment run. Items that are read in interval 1 (contains the business partner) are skipped here. In interval 2 (contains the payer), the items read in interval 1 are read again, since all related items have to be determined here. This second reading of line items increases the runtime of the payment run, which means that the procedure should not generally be used as replacement for every document change (for example, entering payment method and bank data).

If the payment run makes the payment successfully, the system enters the number of the first clearing document (or payment order) created and the payment run ID in the payment specification. The system displays this data on a separate tab page. From this tab page, you can navigate to the payment document, the payment order, or the display of bank data from the payment run, and from there, to the payment run display. The following new exceptions may occur in the payment run:

- 66 Payment specification is to be approved
- 68 Amount of the payment specification does not correspond to the item total
- 69 Payment specification is locked by online processing

Any payment locks or clearing locks in the paying contract account are considered during processing of a payment specification in the payment run. Locks on contract accounts of the line items assigned are not considered. Locks cannot exist on the line items assigned themselves, since locked items cannot be included in a payment specification for the payment run and no locks can be set for items in a payment specification.

The custom selections (selection, for example, by document number, posting date) are also not considered for the assigned items of a payment specification since a payment specification can only be paid completely or not at all (and not partially).

If you define event 0617, you can turn a payment specification that the payment run considers to be payable into a payment exception by returning a corresponding item indicator (and corresponding message). For example, in this event, you can determine the payment locks of the contract accounts/contracts involved and prevent payment if a contract account of an assigned item has a payment lock in the master record. To realize this, you can use module FKK_SAMPLE_0617_PAYMENT_LOCKSV or use it as a copy template for an own module.

The following logic applies for the interpretation of the payment data (header level):

- Payment method, paying company code, bank details, card details, and own details are treated as if they had been entered at item level and are included in the payment data (DPAYH) such that they appear in the payment list and on the payment media printout.
- Own bank details are evaluated independently of the indication of the payment method for controlling bank selection (in FQP4). However, you can override this using event 0650.
- The **execution date** is transferred to the payment data (DPAYH) and overrides the otherwise applicable standard logic. The standard logic determines the execution date from the due date of the items to be paid (for collection and several items with different due dates, the latest date; for outgoing payments, the earliest date). An execution date in the past is replaced by the current date. Since not all payment media formats support an execution date at the individual payment level sometimes such a date is only supported for the complete file it may be necessary to agree with the receiving bank to what extent a file with payments with different execution dates can be processed.

- The DME data is transferred to the payment data (DPAYH) and overrides any specifications from the module in event 0630.

- The text for the payment is not saved in the payment data (DPAYH) and is therefore not visible in the payment list. This text can be determined when the file is created by reading the data from the payment specification the key is in the payment data and can be noted in a suitable place on the payment medium.

- **Partial payments** are not possible with payment specifications. Event 0610 is therefore not processed in the payment program when you process payment specifications. Partial payment is also not possible if you use a payment specification as selection criterion in the payment lot (comparable with the use of payment advice notes). In contrast, overpayments are possible in the payment lot and lead, for example, to postings on account or to other items being cleared.

- Report RFKKIPO1 provides an ALV list of all payment specifications. Double click in the list to display the details for a payment specification. In the payment data in the document display of an item that is part of a payment specification, there is a button that you can click on to access the details for this payment specification.

- Report RFKKIPO3 provides an ALV list of all line items that are assigned to a payment specification. You can also double click in the list here to display the details of the payment specification.

- Report RFKKIPO2 provides an ALV list of all line items that are preselected for a payment specification but have not yet been included in a payment specification.

- Currently, a line item cannot be included in several payment specifications of the category #Payment Lot# at the same time. This means that it is not (yet) possible, for example, to make specifications for one item in different currencies and, when the payment is received in a specific currency, to indicate the specification used and delete or archive the other specifications later.

**Visualization in Other Transactions**

- Document display
  The payment data shows that a line item has been included in a payment specification. Navigation to the payment specification is supported.

- Account balance display
  You can include the field **PDYP** (**Category of Payment Specification**) in the line layout. You can also display the field **IPAYD** where an icon indicates whether an item is assigned to a payment specification or not.

**Integration to Follow-On Processes**

- Reversal of document
  If a document still contains items that are assigned to a payment specification, this assignment must be removed before the document can be reversed.
- Reversal of posted payment document
  The payment specification receives the status *Reopened after Reversal*. The cleared items are open again and still assigned to the payment specification; a new payment is not possible. Using report RFKKIP01, you can select all payment specifications with the status *Reopened after Reversal* and decide what to do with them. You cannot reverse a reversal of this kind.

- Reset of clearing of posted payment document
  The payment specification receives the status *Clearing reset*, the assignment of the items previously cleared to the payment specification is reset, and you cannot use the payment specification again.

- Return for posted payment document
  The payment specification receives the status *Return*. The cleared items are open again and still assigned to the payment specification; a new payment is not possible. Using report RFKKIP01, you can select all payment specifications with the status *Return* and decide what to do with them. All returns activities (setting locks, correspondence) refer to the paying contract account specified in the header of the payment specification (and not to the contract accounts of the related items posted to). Exception: Any charges arising are posted to the contract account with the highest item.

- Reversal of payment order created
  The payment specification receives the status *Reopened after Reversal*. The cleared items are open again and a new payment is possible.

**Limitations**

- Cash discount and withholding tax
  Items relevant for withholding tax must not be included in a payment specification and this is also not supported in event 0606. Items with cash discount also cannot be included in a payment specification.

- Payment locks/clearing locks
  Items with payment locks cannot be included in a payment specification for the payment run. The payment lock prevents the items being paid and from being included in a payment specification. No payment locks (in FPE2, FPE2M) can be set for items in a payment specification. In the case of a payment with payment specification, the payment locks of the items assigned are no longer analyzed. Items with clearing locks cannot be included in a payment specification for the payment run or the payment lot. These items are locked against any form of clearing. The payment locks at master record level (contract account or contract) can be interpreted using event 0617, as described above.

- Repetition items
  You cannot define repetition items for a payment specification during posting (event 0606). If you assign them to a payment specification in the transactions FPAY1A/FPAY1B/FPAY2, they are released first.

- Payment Agreements
  Payment specifications have a higher priority than payment agreements (they refer only to amounts, not to other payment data). You can include items for which there are payment agreements in a payment specification. However, you cannot make payment agreements for items already assigned to a payment specification.
Payment Agreements

You can now create payment agreements via the total balance of a business partner, irrespective of the transaction currency of the individual open items. On the initial screen of the transaction Payment Amounts Agreed (FPVZ), set the Select All Open Items indicator. During the automatic distribution of the agreement amount, in this case, for all items where the transaction currency is the same as the agreement currency, the system sets the agreement amount to the original amount and distributes the remaining amount proportionately to the other open items.

You cannot define a payment agreement for items for which a payment specification or debit memo notification exists.

Double click the document number to navigate to the document display.

You can create payment agreements for the total balance of several business partners. In the list of open items, analog to account maintenance you can make further selections.

Effects on Customizing


You define the default user-specific in the user parameter 8IP.


32.2.34 Postings and Documents

Use

Postings and Documents: Changing the Document Date

In event 0062, you can now replace the document date in the document as well as the posting date.

Postings and Documents: Broker as New Field in Business Partner Item

The business partner item contains a new field: Broker. This enhancement of the business partner item has been realized as a prepared enhancement#. This means that the field is not initially visible in the system delivered; you have to activate the enhancement explicitly in your installation.

The broker represents a business partner that takes over the processing of certain processes (for example, payment or dunning) for the end customer.

Functions of the Broker Field
The field is:
- An additional specification for document entry, document change, and document display
- Selection criterion for the account balance
- Selection criterion for the account maintenance
- Selection criterion for other clearing processing
- Selection criterion in payment lot

**Activation of the Broker Field**

You activate the *Broker* field in Customizing using a report that creates the required fields and database indexes. In test mode, the report shows which enhancements would be made in an update run.

If the *Broker* field is active and you have posted documents with *brokers*, the system administrator must update the database statistics for table *DFKKOP*. This is the only way to make sure that the new indexes are also used.

**Deactivation of the Broker Field**

You can deactivate the field again but only manually. To do this, you have to remove the field *BROKR* from the CI includes to which it was added. You then have to convert the database tables. This conversion can have a long runtime if a lot of data records are affected. SAP therefore recommends that you weigh-up the activation of the field and then adhere to this decision.

**Clearing Processing: Distribution of Difference Amounts**

If, during clearing processing, part of the amount to be distributed is explicitly assigned to the open items and there is a difference, this difference can be assigned automatically via the clearing control. You can use the new *Distribute Difference* function key to do this.

The difference is distributed to
- The selected inactive items if at least one inactive item is selected
- All inactive items if no inactive item is selected

**Clearing Processing: Visibility of Payment Agreements**

Using payment agreements, you can define the payment amount that the customer is to pay if the payment is in a currency other than that of the receivable.

If you post a clearing in the alternative currency in dialog, the system does not translate the receivables amount to the payment currency at the current exchange rate; instead it shows the agreed amount.

Previously, you could not see from the open item whether the amount displayed in payment currency was based on an agreement or a current translation. For this purpose, there is a new indicator, *FKKCLIT-XZVEX* (meaning *Payment Agreement Exists*) in the item. To display the field, you have to include it in a display variant for open item processing.

**Account Maintenance: Posting with Short Account Assignment**

You can assign an authorization protection at short account assignment level for using short account assignments to transfer difference amounts to general ledger accounts. If an authorization group is assigned to the short account assignment in Customizing, the user needs the authorization for object *F_KK_KUKON* with the authorization group assigned.
**Enhanced Account Maintenance**

From Release 6.00, in account maintenance you can perform document changes as well as carry out clearing. In the transaction you can switch between both processing views. For the document changes, you can define the line variants with different modifiable fields in Customizing. You can make document changes directly in the item. Alternatively, you can make a change for several selected items simultaneously.

In addition to document changes, you can also split line items. You can combine clearing, splitting, and changing with few restrictions.

**Modifiable fields**

You define the modifiable fields via the structure `FKKOP_CHG`. In detail these are:

- Specifications for due date (due date for cash discount, cash discount percentage rate, due date for net payment, deferral date)
- Specifications for payment (payment method, payment grouping, details of alternative payee)
- Specifications for dunning (dunning procedure, exclusion indicator)
- Interest key
- Text
- Locks (up to two each of payment locks, dunning locks, interest locks)

**Limitations**

The restrictions that apply to the transactions **Mass Change of Documents** also apply to the field changes. You should also consider the following points:

- Locks of one category (payment lock, dunning lock, interest lock) can only be changed for an item if there are no more than two locks. A maximum of two locks of the same category can be set at any one time.  
  **Example**  
  If the payment locks A, B, and C are set simultaneously in an item, the locks for this item cannot be processed.

- Where document items are displayed summarized (several items are displayed cumulated in one item), you can only change fields that have a unique value that is displayed in the item displayed.  
  **Example**  
  If three items with a different text (field `OPTXT`) are displayed summarized, ‘*’ is displayed in the text line and no change is possible. If you switch to the individual display, you can change the text in any of the three items.

**Changing several items simultaneously**

To change several items simultaneously, select the items required and choose the field or group of fields that is to be changed. Place the cursor in the required column of the display and then choose the function **Mass Change**. Alternatively, you can double-click in the required column.

Once you have selected the items to be changes, the lower part of the screen changes. You can now enter the new values for the selected field or group there. Once you have entered all data required, you have to transfer the new values to all selected items using the function **Execute Change**.

Fields that belong together logically are always offered together as a group to be changed in the case of...
mass changes.

**Example**

If you select the *Cash Discount Deadline* field, in the lower part of the screen the fields *Due Date for Cash Discount*, *Cash Discount Percentage Rate*, and *Due Date for Net Payment* are offered.

Special features for the due date details

In a mass change you can either enter a new value for the *Due Date for Net Payment* for all items selected, or for the combination of the three fields *Cash Discount Deadline*, *Cash Discount Percentage Rate*, *Due Date for Net Payment*. You cannot change only the cash discount percentage rate or the due date for cash discount and leave all other due date details in the items selected with the previous values.

Split in several subitems

You can split line items into several subitems. However, this function is not available for items displayed summarized. You must first cancel the summarization.

To split an item, place the cursor on the item required and then choose the function *Split Item*. The system inserts a new item beneath the item to be split. The amount of the new subitem is initially zero. Enter the required partial amount. The system automatically reduces the amount of the original item accordingly.

**Special features when splitting items**

You can no longer split an item that has been selected for full clearing. If you split an item for which partial clearing is planned, the system automatically proposes the partial amount that is not to be cleared in the subitem. You can reduce this amount manually, but not increase it. In this case too, you can no longer split an item for which clearing has been planned.

For new subitems created, you can make the same changes as for original items. You can clear the new subitems either partially or in full.

**Resetting changes and splits**

You can reset all of the changes you have made to an item provided you have not saved the data yet. Select the required item(s) and then choose the function *Reset Change*.

To reset a split, place the cursor on the subitem and choose the function *Reset Split*. If several split items have been created for an item, and you want to reset all of them, place the cursor on the original item and then choose *Reset Split*.

**Special features for filtering and sorting the lock fields**

For each lock category (dunning, payment, interest), two lock reasons can display in the list together with their validity data. When you filter and sort by lock reason or validity date, the system always considers both columns.

**Example**

Place the cursor on the first dunning lock reason and choose the function *Filter*. In the dialog box that appears, enter the value A. This means that you are searching for items with the dunning lock A. The system displays all items where the first or second dunning lock has the value A filtered.

**Example**

Place the cursor on the first dunning lock reason and choose the function *Sort in Descending Order*. If
there are items with the dunning lock reasons A, B, and C, the items with dunning lock C appear at the beginning. It is irrelevant whether C is entered as the first or second dunning lock. The items with dunning locks B and A follow.

Influence of changes on clearing processing

The changes that you make do not have an effect on the current clearing processing.

**Example**

A clearing amount and a cash discount amount are assigned to an item. In the Change view, you enter the new due dates and a new cash discount percentage rate. The cash discount amount assigned under the view **Clearing** is unchanged; it is neither activated nor deactivated. If you want to change the cash discount amount assigned for this clearing, you have to make the change in the **Clearing** view.

Changes you make become effective when you save them. In the following clearing processing, the changed values are decisive:

**Settings**

In the account maintenance, you can use the View field in the **Processing Status** area in the footer of the screen to switch between clearing and change mode. In the Change view, from the line variants previously defined in Customizing, you choose which fields the system offers as modifiable fields in the items.

If you want to hold a setting as default value, choose the function Change Display. On the next screen, select the required variant for the modifiable fields and choose the function Hold.

Save all actions

All actions (clearing, split, change) are saved in one transaction. You can then exit the transaction.

**Reversal and returns of archived documents**

For archived documents, you can post reversals and returns if you select a suitable reversal method or suitable type of returns processing.

**Returns for archived documents**

If the payment document has already been archived, you can refer to the document in the returns lot. The corresponding check routines also consider archived documents. However, in this case, you cannot select Reset Payment as Type of Posting, since then the clearing resets required for archived documents are not permitted. You can select New Receivables, Derived from Payment or New Receivables, If Payment Cannot Be Reset. With this method, the paid receivables are replaced by new receivables items in the returns document.

**Reversal for archived documents**

Archived documents usually have business partner items that are cleared (for example, paid invoices), or have cleared business partner items themselves (for example, payments). An exception is documents that contain exclusively general ledger items.

Since no data may be changed for an archived documents, it is not possible to reset clearing as part of a reversal. Therefore, for archived documents, you have to select another form of reversal. When you reverse archived documents, the system therefore creates new business partner items in the reversal document.

**Example: Reversal of archived invoice**
In the reversal document, the system creates a business partner item with a reversed +/- sign for each business partner item of the invoice document. In this case, the reversal document is a credit memo posting for the full invoice amount.

**Example: Reversal of archived payment**

In the reversal document, for the paid receivable items, the system creates business partners in the same amount. This is identical to the procedure for returns if new receivables are created derived from the payment.

**Changes in the reversal transaction**

You can now make two further specifications on the initial screen of the reversal transaction. Firstly, by means of a checkbox, you can specify whether the system is also to search for the document to be reversed in the archive. Secondly, you can assign one of the following reversal methods:

- Clear business partner items
- Create offsetting postings to business partner items
- Create offsetting postings if document is in archive

For both of these new fields, you can trigger a default value via posting area 1050.

**Restrictions**

A reversal with creation of offsetting postings is not possible if a confirmation workflow is still active for the document to be reversed.

When you reverse an archived document, you cannot trigger a workflow to confirm the reversal. In this case, event 5502 that is used to trigger a workflow is not processed.

For further restrictions, see the documentation to the *Reversal Method* field on the initial screen of the reversal transaction.

**Dependencies**

If a document that still contains open business partner items is reversed such that offsetting postings are created, account maintenance takes place automatically after the reversal; the open items of the document to be reversed are cleared against the open items of the reversal document.

**New event for reversal**

Using event 0073, you can add customer-specific data to the business partner items created in the reversal document. The event is processed if business partner items are created with inverse +/- sign (for example, reversal of invoice).

**Effects on Customizing**

*Postings and Documents: Broker as New Field in Business Partner Item*

You activate the *Broker* field in the Implementation Guide for Contract Accounts Receivable and Payable under *Program Enhancements -> Prepared Enhancements -> Include Broker Field in Business Partner Item*. 
Enhanced Account Maintenance

For enhanced account maintenance, you have to define variants for the line layout. A variant defines which fields appear as modifiable in an item. You define the variants in the Implementation Guide for Contract Accounts Receivable and Payable under Basic Functions -> Postings and Documents -> Document -> Preparation of Processing Screens -> Define Line Layout for Mass Processing in Account Maintenance.

Reversal and returns of archived documents

You have to specify main and subtransactions for the creation of offsetting items for business partner items of the document to be reversed. For each main and subtransaction, you have to specify a combination of main and subtransaction that is to be used for the offsetting item in the reversal document in the case of a reversal. You make the specification in the table of subtransactions. You define these in the Implementation Guide for Contract Accounts Receivable and Payable under Basic Functions -> Postings and Documents -> Document -> Maintain Document Account Assignments -> Maintain Subtransactions.


32.2.35 Print Workbench

Use

PDF-based forms

The Print Workbench supports the use of PDF-based forms for creating and issuing outgoing standardized correspondence. SAP therefore provides the new form category PDF-based form for application forms.

You can use the new XML-based raw data interface (XFP) for PDF-based forms to prepare raw data outside of the SAP system.

For information about PDF-based forms, see SAP Help Portal under Documentation -> SAP NetWeaver -> SAP NetWeaver Release/Language -> SAP NetWeaver -> Application Platform (SAP Web Application Server) -> Business Services -> PDF-Based Forms.

See also the release information for BAdIs in the Print Workbench.

Effects on Customizing

Existing implementations in SAPscript and Smart Forms are not affected by this change.
32.2.36 New Programs/Reports

Use

**Summarization of Reserve Postings**

With the new report `RFKK_DFKKRES_CONDENSE` (transaction `FPRES_CON`) you can summarize table `DFKKRES` and, if required (for example, after a currency changeover) compare the amounts with table `DFKKOPK`.

32.2.37 Requests

Use

**User-Definable Request Categories**

Until now the request categories `Request` or `Acceptance Request` and `Payment Request` for the component `Government Agency` were predefined by the system. You can now define request categories in Customizing as you wish. You can select which sign (plus/minus) and which document type the generated documents should have for each request category and whether a document should be generated for each request item.

**Effects on Customizing**

**User-Definable Request Categories**


Note that the settings you defined until now, under *Basic Functions -> Requests -> Generate Documents -> Define Specifications for Document Generation* must now be carried out when you define request categories.

The delivery Customizing contains entries for the request categories defined by the system until now.
32.2.38 Returns

Use

*Returns for Paid Collective Bills*

If a return is posted with *Type of Posting New Receivables, Derived from Payment*, up to Release 4.72, on payment of a collective bill, the new receivable was posted to the collective bill account.

With Release 6.0, the receivables are posted to the individual accounts; simultaneously, the system creates a new collective bill document for the total amount of the receivables. This means that the receivables are visible in both the individual account and the collective bill account.

*Itemization of Clarification Worklist from Returns Lots*

With report RFKKRLCL, you can display clarification items in a returns lot for a key date.

*Reversal of Returns*

On the reversal of a return, the corresponding return is reopened in the returns lot. A returns lot that has already been closed is reopened provided that the return can be reversed and *Funds Management* is not activated.

32.2.39 Revenue Distribution

Use

*Payment advice note for revenue distribution*

From Release 6.00, when you create payment media you can create a payment advice note in which you explain how the totals posting to the final recipient is made up - that is, from which payments. SAP delivers the following example forms of form class *FI_CA_PAYMENT*:

- *FI_CA_PAYMENT_REV_DIST_SF*(SmartForm) and *FI_CA_PAYMENT_REV_DIST_PDF*(PDF).

*Changes to the posting logic for revenue distribution*

To ensure that, during payment media creation, a payment advice note can be created correctly for the final recipient, you should prevent documents in the final recipients account from being cleared with one another. To do this, when you post documents you can set the clearing restriction *Z*. This means that only the payment program can carry out clearing. You can define whether the clearing restriction is to be set in the Implementation Guide for Contract Accounts Receivable and Payable.

In theory, in a distribution run, it may be the case that the revenues to be distributed and the adjustment postings that, for example, arise from a clearing reset or reversal of payments, balance to zero. In this
case, previously, no document was created in the final recipient account. With Release 6.00, the posting logic has been converted for this special case. Now, two distribution documents with opposite +/- signs are posted. This enables you to create a payment advice note for the final recipient.

**Individual document posting for revenue distribution**

In revenue distribution, several revenues are usually transferred to the final recipient as a total. From Release 6.00, for individual cases, you can forward a document to the final recipient separately, that is, without sumarizing it with other documents. You can use this posting of individual documents, for example, in Public Sector for administrative purposes.

**Negative postings for revenue distribution**

From Release 4.72 you have been able to create negative postings in Contract Accounts Receivable and Payable. A negative posting reduces the transaction figures for the account posted to in the general ledger.

From Release 6.00, negative postings are also considered for revenue distribution. In contrast to the normal distribution postings, adjustment postings that arise from, for example, clearing reset or reversal of payments, are posted negatively. The prerequisite for this is that negative postings are permitted at company code level and that the document type used for revenue distribution (posting area 1381) is supported for negative postings. For more information, see the Implementation Guide for Contract Accounts Receivable and Payable and the settings for the document types in the field help for the Negative Posting field.

**Effects on Customizing**

**Payment advice note for revenue distribution**

To create payment advice notes, you have to make various settings in the Implementation Guide for Contract Accounts Receivable and Payable. For a detailed description, see the Application Help for revenue distribution.

**Individual document posting for revenue distribution**

You make the setting that a payment is to be forwarded to the final recipient as an individual document and not in a totals document with other payments in the Implementation Guide for Contract Accounts Receivable and Payable under Business Transactions -> Distribution of Revenues -> Define Specifications for Derivation of Final Recipient.

**Clearing restriction for distribution documents**

You define that the clearing restriction Z is to be set when you post distribution documents in the Implementation Guide for Contract Accounts Receivable and Payable under Business Transactions -> Distribution of Revenues -> Define Specifications for Distribution of Revenues.

**Negative postings for revenue distribution**


32.2.40 Segment for Segment Reporting

Use

New Account Assignment Term: Segment

With effect from Release 6.0, Contract Accounts Receivable and Payable provides the new account assignment term Segment. You make the basic settings necessary for using the segment in the Implementation Guide for Financial Accounting. These are then taken into account by Contract Accounts Receivable and Payable. The following special features also apply for Contract Accounts Receivable and Payable:

Segment in All Line Items

In Contract Accounts Receivable and payable, business partner items receive a segment as well as general ledger items. There is no distribution logic in the background that, during the update of reconciliation accounts (receivables, payables, down payments) in the general ledger, splits the posting item of a business partner into segments using the offsetting items.

Special Segments for Tax and Money Accounts

For all balance sheet accounts that are not managed on an open item basis, the problem arises that there are no fixed dependencies between postings on the debit side and the credit side. Therefore, where different segments are used, a balance sheet account may no longer show a balance, but, in the ledgers, there are positive and negative balances for different segments that then provide no useful information.

Money (bank, cash desk) and tax accounts are particularly affected by this problem.

In FI-CA, neutral segments are used for these account categories. You assign these segments in Customizing, but they have not direct reference to the segment or segments affected by the underlying business transaction.

Identification of Money and Tax Accounts

A general ledger item is deemed to be a tax item if a tax base amount is specified in the line item.

A general ledger item is deemed to be a money item if either the value date is set or the attribute Financial Transaction -Relevant is set in the master record of the general ledger account.

Account Assignment or Derivation of Segment

For documents that are not a follow-on posting to previous documents (typical example: New receivable), the account assignment Segment can be specified on manual entry and for transfer using one of the available interfaces. This specification has priority over the derivation options described below.

Often, only the business partner items are entered or forwarded by means of posting interfaces. In this
case, the document is completed in the system (for example, revenue and tax items are added). If a segment is already specified in the business partner items entered/transfered, this is transferred to the revenue items assigned.

If no segment is assigned, one is derived as follows:

- The system derives the segment from other details of the business partner item(s). The segment can be determined using the following values:
  - Company code
  - Business area
  - Division
  - Receivables account
  - Account determination ID
  - Main transaction
  - Subtransaction
  
  The segment determined is then inherited to the offsetting items (revenue items).

- The system derives the segment from the revenue items and inherits it to the business partner items. In this case, the derivation is using the profit center. You must therefore assign a profit center in the revenue item and assign a segment to this profit center in the master record. Derivation via Customizing without a profit center is only possible if the segment can be determined from the combination company code/general ledger account.

- The derivation of the segment is installation-specific using the new event 0081. Here you can use individual logic to determine a segment for each item for which the creator of the document has not assigned a segment. However, segments are ignored in bank items and tax items and are subsequently replaced by the valued define in Customizing.

You can mix the procedure; that is, you can assign some of the segments explicitly, add some using event 0081, and determine the rest using the Customizing settings.

For line items that arise as follow-on posting to other line items (for example, clearing, reversal, returns, interest calculation, write-off), if possible, the segment of the triggering item is inherited to the follow-on items. This means that the segment of an open item is not only inherited to the clearing posting on clearing, it is also inherited to cash discount, payment surcharges, exchange rate differences, and interest on arrears that arise from the clearing of this item.

If no unique inheritance is possible, for dunning or returns charges, if possible, the segment that has the highest proportion of relevant items (for example, dunned items, paid items for returns) is used.

**Statistical Items**

Certain statistical items, such as statistical charges receivables, down payment receivables, and budget billing receivables also require the specification of a segment. This segment is inherited to the non-statistical follow-on postings on later payment. If the segment is not directly specified externally on creation of the item, it is derived from the Customizing for the business partner item.

**Payments on Account**

For payments on account, the segment cannot be derived from offsetting postings. As far as payments on account take place in combination with the clearing of other items, the segment that has the highest
amount proportion in the clearing can be selected. However, since there can also be payments on account that take place without other open items being cleared, this rule cannot be generally applied. You should therefore define a segment account assignment in Customizing for at least the combination of main transaction/subtransaction used for a payment on account.

Completeness after Introduction of Segments

Once you have activated segment account assignment, the system checks that all line items have a valid segment account assignment, except for follow-on postings.

If there are follow-on postings (for example, for clearing or clearing reset), all line items created must also have a valid segment account assignment provided the items that are cleared or where clearing is being reset all have a valid segment account assignment. However, if these items appear under older postings without a segment, certain follow-on postings (for example, the clearing itself, cash discount, exchange rate differences) are permitted without a segment.

Introduction in Productive Operations

If the segment account assignment is introduced at a time where posted documents already exist, the segment is not added to the documents already posted. Therefore, for a transition phase, many accounts will still contain transaction figures for the segment SPACE. This generally applies as long as follow-on postings arise for documents posted without a segment (all forms of clearing and clearing reset).

The amount proportion of balances with an initial segment value will reduce over time. You have to decide individually whether, if there are sufficient small remaining amounts and sufficiently few remaining documents without a segment, the amounts are to be split for segmental reporting (for example, proportionately to the remaining split by segment) or whether transfers should be made to eliminate the effect of these documents with no segment account assignment.

Effects on Customizing

Segment

In addition to the general settings for the segment that you make in the SAP Customizing Implementation Guide under Enterprise Structure -> Definition -> Financial Accounting -> Define Segment, you also have to make settings in the Implementation Guide for Contract Accounts Receivable and Payable:

- Define the segments for money accounts and tax accounts (and optionally, for additionally selected accounts) under Basic Functions -> Postings and Documents -> Document -> Maintain Document Account Assignments -> Segments -> Define Segments for General Ledger Items.

- If you want to derive the segments from the data for the business partner items, define your settings under Basic Functions -> Postings and Documents -> Document -> Maintain Document Account Assignments -> Segments -> Segment for Business Partner Items.

32.2.41 Write-Off

Use

Write-off in external systems
With Release 6.00, you can also perform write-offs in external systems. You can activate the function in posting area 0124.

If you perform write-offs in an external system, line items that are posted in Contract Accounts Receivable and Payable via this external system are forwarded to the relevant external system via the **Outbound Interface for Business Partner Items**. The SAP system (Contract Accounts Receivable and Payable) denotes the items to be written off with the clearing restriction $T$. This means that these items cannot be cleared by other business transactions. The tax calculation takes place in the external system. The data determined for the calculation of the write-off document is posted in the SAP system (FI-CA) again via the **Bill Line Item Interface**. The preselected items that are to be written off are cleared and the clearing restriction $T$ is deleted.

**Effects on Customizing**


**32.2.42 Doubtful Entries and Individual Value Adjustments**

**Use**

*Reductions to value adjustments*

Reductions to value adjustments can occur due to:
- Manual reset of a value adjustment
- Reduction of the percentage rate of the value adjustment
- Clearing of the item whose value has been adjusted by payment
- Clearing of the item whose value has been adjusted by write-off
- Other clearing of the item whose value has been adjusted

Previously you could post reductions to individual value adjustments to a separate revenue account instead of making the reduction in the expense account. You can also configure a separate aperiodic revenue account that you use if the reset is performed in an alternative follow-on year to the original value adjustment.

With Release 6.00, you can post resets of value adjustment to separate revenue accounts provided the reset was triggered by a payment or write-off of the item whose value was adjusted. You can configure
separate accounts for payments and write-offs.

If you want to use this function, you have to first make the following settings in Customizing:

1. In the activity Define Tax Calculation Types for Write-Offs and Individual Value Adjustments, choose the tax calculation type 06 or 07.
2. In the activity Maintain Alternative Accounts for Resetting Value Adjustments, configure separate alternative accounts for resetting value adjustments by means of payment or write-off.

Effects on Customizing


32.2.43 Segment Determination for SAP Media (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can post documents with a new account assignment attribute Segment.

Segments in IS-M documents are posted according to the following determination logic. If one of the following steps is successful, the system uses the segment found and does not process the subsequent steps:

1. The segment is determined by the posting transaction. This is the case, for example, when the segment is entered manually in transaction FPE1, Post Manual Document.
2. The segment is determined from the profit center for the G/L account and passed on to the business partner and general ledger item.
3. The segment is determined from posting area 0301. You can determine a segment in this posting area according to the company code, account type, G/L account for the business partner item, or the main or subtransaction. The segment is then passed on from the business partner item to the general ledger item.
4. The segment is determined from posting area 0300. You can determine a segment in this posting area according to the company code, account type and G/L account in the general ledger item. The segment is passed on from the general ledger item to the business partner item.

Only steps 1, 2, and 4 are relevant for statistical document items.

Only steps 1, 3, and 4 are relevant for payments on account. See the section on payments on account in the release note Segment for Segment Reporting.
Effects on Customizing

To use this function, you must activate the business function Subscription Sales of Newspapers & Magazines (SUBS NEWSPAPER & MAGAZINES).

Perform the following IMG activities in the Implementation Guide for Contract Accounts Receivable and Payable:
- Define Segments for Business Partner Items
- Define Segments for General Ledger Items

See also

For further information on segments, see the release note Segment for Segment Reporting.

32.3 IS-M-SD Media Sales and Distribution

32.3.1 CIC: New Methods for Business Object Type BUSISMCIC (New)

Use

As of SAP ECC Industry Extension Media 6.0, the following methods are available for the business object type CIC Support Object (BUSISMCIC):

- ISM_CICSupport.RunCIC
  You can use this method to access the Customer Interaction Center (CIC) in SAP ECC.

- ISM_CICSupport.RunCRMWinIC
  You can use this method to access the Interaction Center WinClient (IC) in SAP CRM.

You can implement the two methods as follows:

- Your call center employees normally work in the IC in SAP CRM, but are to access the CIC in SAP ECC when processing certain transactions. If you implement the method ISM_CICSupport.RunCIC in the Action Box in the IC in SAP CRM, the employees can access the CIC in SAP ECC from the Action Box. When they do this, the system transfers the business partner identified in SAP CRM to the CIC in SAP ECC. Once the employees have finished processing the transaction in the CIC in SAP ECC, they automatically return to the IC in SAP CRM.
Your call center employees normally work in the CIC in SAP ECC, but are to access the IC in SAP CRM when processing certain transactions. If you implement the method `ISM_CICSupport.RunCRMWinIC` in the Action Box in the CIC in SAP ECC, the employees can access the IC in SAP CRM from the Action Box. When they do this, the system transfers the business partner identified in SAP ECC to the IC in SAP CRM. Once the employees have finished processing the transaction in the IC in SAP CRM, they automatically return to the CIC in SAP ECC.

In both cases, the CIC or IC is started once only and remains in wait mode in the background. This means the performance-intensive start process can be omitted when the application has to be accessed again.

### 32.3.2 CIC: Renaming of the Interface Status (Modified)

**Use**

As of the SAP ECC Industry Extension Media 6.0, the interface statuses (CUA status) `PFS8200` (CIC ISM CAS NonTel) and `PFS8200_T` (CIC ISM CAS Tel) in the program `SAPLEE_CIC_TOOLBAR` have been moved to the `SAPLEECICTOOLBAR_ISM` program.

**Effects on Customizing**

If you want to use the invisible component `CIC_TOOLBAR2` in the Customer Interaction Center (CIC), and use one of these statuses in its profile, you must change the entry in the Program Name field from `SAPLEE_CIC_TOOLBAR` to `SAPLEECICTOOLBAR_ISM`. You do so in the Customizing settings for SAP Media under Customer Interaction Center (CIC) -> Define Standard Toolbars and User-Defined GUI-Status.

### 32.3.3 Media-Specific Search Application in the SAP CRM Locator (Enhanced)

**Use**

As of SAP Customer Relationship Management (CRM) 5.0, the CRM_ISM_LOC_SA_ENVD search application is available to you in addition to the media-specific search applications that were previously available. This enables you to use the data environment in the Customer Interaction Center from SAP Media in the SAP CRM Locator.

You can use the Data Environment in the Locator to search for and display all objects for a business partner, which were created in SAP Media, such as advertising orders, subscription orders, bank details or payment cards.
You define the objects and data that are displayed in the Data Environment in the component profile for the Data Environment in SAP CRM.

- You define the way in which objects in the Data Environment can be edited in the context menu, which is assigned to the CIC profile in SAP CRM.

**Effects on Customizing**

You incorporate the Data Environment in the Locator using the search application CRM_ISM_LOC_SA_ENVD in the Customizing settings for SAP CRM under Interaction Center WinClient -> Component Configuration -> Visible Components -> Navigation Area -> Define Search in Locator.

You define the editing functions in the context menu in the Customizing settings for SAP CRM under Interaction Center WinClient -> Component Configuration -> Hidden Components -> Define Context Menus.

You define the component profile for the Data Environment in the Customizing settings for SAP CRM under Industry-Specific Solutions -> Media -> SAP Media Integration -> Interaction Center -> Locator -> Make Locator Settings, and assign it to the CIC profile with the ENVD LOCATOR profile type.

**32.3.4 Media-Specific Attributes for the SAP BP TREX Search (New)**

**Use**

As of SAP ECC (SAP_APPL 600) you can use TREX business objects to search from the master data area, such as the SAP business partner, material master or cost center. The TREX search engine is characterized by its speed and can be used to find business objects using a full text search, fuzzy search or phonetic search.

If you also want to search using media-specific addresses and address attributes during the business partner search with TREX, you should use the class CL_ISM_SE_BUS1006 to index the data, which was created for the SAP ECC Industry Extension Media 6.0:

- The simple and enhanced TREX search is now available to you in the F4 Help for the business partner. The system observes the media-specific address data in both search variants.

- You can now use the TREX full text search in the business partner search in the Customer Interaction Center (CIC). To do so, select the Full Text Search entry in the dropdown list for the variable search field, and enter the corresponding search term in the associated field.

**Effects on System Administration**
TREX is part of SAP NetWeaver. You have installed TREX and connected it to the ERP System.

**Effects on Customizing**

You have made the settings for TREX in Customizing for SAP NetWeaver under SAP Web Application Server -> System Administration -> Search Engine Service -> [...].

If you want to use media-specific addresses and address attributes during the business partner search with TREX, you have assigned the media-specific class CL_ISM_SE_BUS1006 instead of the class CL_ERP_SE_BUS1006 to the SAP business partner (BUS1006) business object in the IMG activity Define Business Objects for Search Engine Service.

If you want to use the TREX full text search in the SAP Media CIC, you have selected the Search Using Search Engine Service indicator in the CIC Customizing settings under Make Settings for Business Partner Search/Processing component.

**See also**

For more information on TREX see the release note Connection of Objects to a Search Engine and the SAP Library under SAP NetWeaver -> Information Integration -> Knowledge Management -> [...].

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32.3.5 Renamed Formulas and Requirements (Changed)

**Use**

Since a number of different industry solutions have been merged in one ERP system, the identification numbers of the formulas and requirements in pricing and output determination have been changed for SAP ECC Industry Extension Media 6.0 so that they are only used once.

New numbers have been assigned to the formulas and requirements listed below.

The identification numbers are adjusted automatically by report RJYXPRA600_TFRM during the system upgrade.

If you have modified the coding, you must copy these changes to the new coding manually.

**Effects on Existing Data**

Conversion of formulas and requirements: OLD --> NEW (application)

Requirements in output determination (LV61Bxxx INCLUDES)
- 500 --&gt; 513  (J8, Research/Media Sales and Distribution)
- 501 --&gt; 514  (J9, Renewal Control/Media Sales and Distribution)
- 502 --&gt; 515  (J0, Order/Media Sales and Distribution)
- 503 --&gt; 517  (J1, Billing/Media Sales and Distribution)

Requirements in pricing (LV61Axxx INCLUDES)
- 499 --&gt; 516  (JE, Revenue Distribution/Advertising Management)
32.3.6 IS-M-SD-PS Periodical Sales and Distribution

32.3.6.1 IS-M-SD-PS-SL Sales

32.3.6.1.1 IS-M-SD-PS-SL-O Order

32.3.6.1.1.1 IAC Functions in Media Sales and Distribution (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, the following enhancements have been made to the Internet Application Components (IACs):

- Business partner identification: When identifying a business partner, you can now specify all the roles to be used instead of just one, as was previously the case.

- Duplicate processing: You can now specify the procedure for dealing with alternative telephone numbers or e-mail addresses in Customizing:
  - Copy new data if available
  - Copy new data if blank in the duplicate
  - Copy new data
  - Do not copy new data

- IAC Address Change: You can display scheduled address changes (change records from the temporary table that have not yet been processed) and delete them if necessary.
- IAC Order Creation (M/SD and M/AM):
  - If a sales customer wants to create an Advertising Management (M/AM) order, they can identify themselves using their Media Sales and Distribution (M/SD) order number. The Media Customer role is created automatically for the business partner.
  - If a media customer wants to create an M/SD order, they can identify themselves using their M/AM order number. The Sales Customer role is created automatically for the business partner.

- IAC Order Changes (M/SD):
  - General: You can display existing and scheduled order changes and delete those scheduled if necessary.
  - Transfer processing: Additional scenario Create Transfer Item available.
  - Gift processing: Additional scenario Create Gift Item. In this scenario, the user either creates a new ship-to party or can select one from a list of known gift recipients.
  - Postediting (M/SD): You can now navigate to an overview of the business partners orders when postediting records that are forwarded to postediting when duplicates are identified.

32.3.6.1.1.2 IAC Subscription Vacation Service: Origin of Edition (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, you can define the origin of the edition in Customizing for the Internet Application Component (IAC) Subscription Vacation Service. This has an effect on redirections and gift transfers. You can specify whether the edition is to be determined from delivery viability determination or from the corresponding basic order item for these changes. If you do not make a setting, the edition is determined from delivery viability optimization, as was previously the case.

The edition is copied from the basic order item for suspensions and transfers.

Effects on Customizing

To make the Customizing settings for the IAC Subscription Vacation Service, choose the following path in the Implementation Guide for Periodical Sales and Distribution: SAP Media -> Media Sales and Distribution -> Periodical Sales and Distribution -> Sales -> Order -> Internet Application Components (IACs) -> IAC Vacation Service -> Define Variants of IAC Vacation Service.

32.3.6.1.1.3 Displaying Revenue Potential After Liability Account Transfer (Enhance)

Use
As of *SAP ECC Industry Extension Media 6.0*, clearing entries for accrued revenue are recorded in the revenue potential (table JFREVACC) during liability account transfer. This means you can see all the posting transactions in a cycle on the *Liability Account* detail screen in the order dialog.

These clearing entries are displayed by the new posting transaction 08 (JFREVACC-ACC_ACTIVITY).

**Effects on Existing Data**

There are no changes to orders for which the liability account transfer took place before *SAP ECC Industry Extension Media 6.0*. This means that the clearing entries for accrued revenue are not visible in the revenue potential as a result of liability account transfer for these orders.

**Effects on System Administration**

Please note the new posting transaction 08 (JFREVACC-ACC_ACTIVITY) for clearing accrued revenue in liability account transfer if you perform your own evaluations of the revenue potential.

### 32.3.6.1.1.4 Liability Account Overview in Subscription Orders (Changed)

**Use**

As of *SAP ECC Industry Extension Media 6.0*, the liability account overview for delivery and renewal subscriptions has been redesigned. The new design incorporates integrated display with simplified navigation options.

The liability account overview is integrated with the item data and can now be accessed on the *Liability Account* tab. The cycles are displayed at the top of the tab page and details on the cycle selected at the bottom. You can access details on a cycle from the tab pages.

The following details are active, depending on the order type:

- Offer (to be accepted or recalculated in the renewal subscription)
- Cycle data
- Write-off
- Amortization plan
- Payment log
- Amortization log
- Revenue log
- Transfer log

If there are a large number of cycles, you can hide the details using a pushbutton so that you have a clearer overview of the history.
32.3.6.1.1.5 Dialog Transaction for Subscription Orders (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, the Partner Overview and the Sales Support view have been redesigned:

- Partner overview
  The partner data is integrated with the item data and can be accessed on the Partner tab. This tab page lists all the partners involved, together with their roles and addresses. The current address for the bill-to party and ship-to party roles is highlighted in color. The tab also lists the partners in the roles success/failure researcher and carrier, as well as all the sales agents for the item. The previous overview, which could be accessed via Goto in the menu, only listed the sold-to party, payer, ship-to and bill-to parties, and main sales agent. Details comprise the address and a print preview.

- Sales support view
  If there is more than one set of introduction data for an item, this is indicated by a symbol on the Sales Support tab. A table of introduction data is displayed at the top of the Sales Support detail screen. The entry with the highest introduction number is displayed in detail first. You can display details on the different introductions by clicking on the relevant line in the table. Previously, you had to access the overview of introduction data before you could display details.

Further changes:

- Due date can be edited in the offer
  As of SAP ECC Industry Extension Media 6.0, when processing renewal offers with a due date, the due date is copied to the renewal offer. It can be changed in the offer, and when the offer is accepted, it is copied to the order.

- Customer price group can be initialized
  Until now, it was not possible to initialize the customer price group (field KONDA) using function module ISM_SALES_ITEM_UNLIMITCHANGE. As of SAP ECC Industry Extension Media 6.0, the customer price group is initialized if the field in the interface is initial. If you use this function module in customer programs, adjust the calls and, if necessary, enter the price group from the preceding item in the interface. The same applies to the due date (field DUEDAY).

32.3.6.1.1.6 Backdated Standard Item with Automatic Transformation to Chargeable (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, you can create a backdated standard item for a trial or free item with automatic transformation to chargeable. The standard item is then assigned a backdated shipping segment. Program RJVDISP1, IS-M/SD: Circulation Planning for Backdated Order Items, also creates backdated
deliveries for the automatic transformation to chargeable.

### 32.3.6.1.1.7 Reversing a Termination (Enhanced)

**Use**

As of SAP ECC Industry Extension Media 6.0, you can reverse a termination even if the end of delivery is far back in the past. A suspension is then inserted for the period during which delivery did not take place. However, billing recalculation and liability account transfer must not have taken place for the terminated item.

### 32.3.6.1.1.8 Inactive Limited Items (New)

**Use**

As of SAP ECC Industry Extension Media 6.0, you can create additional limited items (for example, redirections, suspensions, gift transfers, or charitable transfers) for the period after a termination or parallel to an unlimited suspension. These limited items are then inactive; that is, they are neither relevant for delivery nor for billing. If the termination is reversed or the suspension ends, these items are reactivated. This function allows you to reserve limited items in the system, and is particularly useful with renewal subscriptions that are suspended or terminated. Until now, it was not possible to create a redirection or suspension in this case.

**Effects on Customizing**

Before you can use this function, select the indicator Inactive Item Possible in Customizing for Periodical Sales and Distribution under SAP Media -> Media Sales and Distribution -> Periodical Sales and Distribution (Subscriptions) -> Sales -> Order -> General Settings -> Sales Document Control -> Maintain General Control Parameters.

### 32.3.6.1.1.9 Separate Combinations Taken into Account for Order Deadline (Enhanced)

**Use**

As of SAP ECC Industry Extension Media 6.0, all separate combinations defined in the mix type definition are taken into account when the order deadline is determined for all order changes. If the order deadline for a publication combined separately is after the order deadline for the publication purchased in the order, the order cannot be changed until after the order deadline for the publication in the separate combination.
32.3.6.2 IS-M-SD-PS-SH Shipping

32.3.6.2.1 Order Deadline in Shipping Order (New)

Use

As of SAP ECC Industry Extension Media 6.0, a new indicator Order Deadline per Item/Delivery has been added to the Customizing settings for the shipping order. The indicator controls the level of detail with which the order deadline for shipping is taken into account in each item in the shipping order.

If the indicator is selected, the order deadline for each individual shipping order item is taken into account in delivery viability determination and circulation planning. That is to say, the lead date is taken into account

- For each item in the shipping order during delivery viability determination
- For each delivery in circulation planning

Previous Use of the Order Deadline in the Shipping Order

In previous releases, the order deadline was not taken into account at all during delivery viability
determination in the shipping order, and was not taken into account as specified for each individual delivery when planning circulation for the shipping order.

- This meant that delivery viability determination also took place for items for which the order deadline was already set. It was therefore possible for the system to find a delivery viability set for which the order deadline was already set.

- Circulation planning only took place for an order if the order deadline was not yet past for all its items.

The logic remains the same in SAP ECC Industry Extension Media 6.0 if the indicator Order Deadline per Item/Delivery is not selected in Customizing.

Example

If all the items in a shipping order have the same delivery type and one-time shipping takes place (for example, of an address file), you do not need to select the indicator.

However, if different delivery types with different order deadlines are used in one shipping order and the items cover a long period, it is advisable to select this new indicator.

Effects on Customizing

Activate the indicator Order Deadline per Item/Delivery in Customizing for Periodical Sales and Distribution under SAP Media -> Media Sales and Distribution -> Periodical Sales and Distribution -> Shipping -> Shipping Order -> Define Level of Detail for Order Deadline.

32.3.6.3 IS-M-SD-PS-BL Billing

32.3.6.3.1 Data Transfer for Bank Returns Research (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, the new Business Add-In ISM_SD_COLLECT_REFUS is available for processing bank returns. You can use method CHANGE_PARAMETERS_INTERFACE of this BAdI to change the fields for research creation when transferring bank returns research data from a DTAUS file.

32.3.6.3.2 List Display Layout in the Revenue Accrual Cockpit (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, you can add the following columns to the layout of the Revenue Accrual Cockpit when performing revenue accrual at issue level:

- Publication
32.3.6.3.3 Displaying Revenue Potential After Liability Account Transfer (Enhance)

Use

As of SAP ECC Industry Extension Media 6.0, clearing entries for accrued revenue are recorded in the revenue potential (table JFREVACC) during liability account transfer. This means you can see all the posting transactions in a cycle on the Liability Account detail screen in the order dialog.

These clearing entries are displayed by the new posting transaction 08 (JFREVACC-ACC_ACTIVITY).

Effects on Existing Data

There are no changes to orders for which the liability account transfer took place before SAP ECC Industry Extension Media 6.0. This means that the clearing entries for accrued revenue are not visible in the revenue potential as a result of liability account transfer for these orders.

Effects on System Administration

Please note the new posting transaction 08 (JFREVACC-ACC_ACTIVITY) for clearing accrued revenue in liability account transfer if you perform your own evaluations of the revenue potential.

32.3.6.4 IS-M-SD-PS-ST Settlement

32.3.6.4.1 IS-M-SD-PS-ST-W Home Delivery Settlement

32.3.6.4.1.1 Integration of Shipping for SD Orders with Home Delivery (New)

Use

As of SAP ECC Industry Extension Media 6.0, a new function is available for shipping orders from Sales and Distribution (SD). If delivery takes place to a district to which an edition is already delivered, and for which carrier settlement takes place, each SD material can be delivered and settled in Media Sales and Distribution (M/SD).

Home delivery planning involves the following steps:

1. Add material to home delivery planning
You can define n periods with a reference edition for each material. The reference edition is used to determine the M/SD delivery viability set.

2. Include order items for this material in planning
   Order items are grouped by plant and shipping date and copied to planning records (or refreshed) according to the specifications made when adding the material to home delivery planning.

3. Generate home delivery data for these planning records
   The home delivery data is generated or refreshed from the planning records. This function should be executed immediately before home delivery settlement.

*Home delivery settlement* for the home delivery data takes place in a separate step:

1. Update external interface for home delivery settlement for SD orders based on the home delivery data (program RJLSDHDSETTLEMENT)
2. Home delivery settlement for employee or service company
   The system includes the settlement records from the external interface in home delivery settlement if this function is activated in Customizing.

**Effects on Customizing**

**Home Delivery Planning**

The new attribute *Shipping type for SD home delivery planning for materials* has been added to the delivery type. To include the material for an SD order item in M/SD home delivery planning, the shipping type for this order item must be defined for an M/SD delivery type for home delivery. We recommend that you use a separate shipping type for this purpose.

Define the new *Shipping Type* attribute for at least one delivery type for home delivery in the Customizing settings for *Periodical Sales and Distribution* under *SAP Media -> Master Data -> Distribution -> Delivery -> Define Delivery Types*.

**Home Delivery Settlement**

Activate the indicator *Take Account of External Interface* in the Customizing settings for *Periodical Sales and Distribution* under *SAP Media -> Media Sales and Distribution -> Periodical Sales and Distribution (Subscriptions) -> Settlement -> Home Delivery Settlement -> Maintain Depend. for Carrier Route Flat Rates and Settlement Summ.*.

**See also**

See also *Effects on Customizing* in the release note BAPIs for Material Settlement.

**32.3.6.4.1.2 BAPIs for Material Settlement (New)**

**Use**

As of *SAP ECC Industry Extension Media 6.0*, you can copy settlement records to Media Sales and Distribution (Periodical Sales and Distribution) from an external application or system for use in home delivery settlement.
For example, this new function can be used to settle external services performed by a carrier or service company, such as home delivery of books or letters.

You can use the following Business Application Programming Interfaces (BAPIs) for this function:

- **BAPI_CARRIERSETTLEMENT_IF_SET**
  
  You can use this BAPI to create, change, or delete the settlement record from the external interface.

- **BAPI_CARRIERSETTLEMENT_IF_GET**
  
  This BAPI supplies data on the settlement record from the external interface.

The settlement records from the external interface are taken into account in home delivery settlement if this function is activated in Customizing.

The following information is required to supply the external settlement interface with data:

- Carrier route
- Delivery round
- Delivery type
- Shipping date
- Material
- Sales organization
- Distribution channel
- Division
- Settlement quantities

**Effects on Customizing**


You must perform the following activities in Customizing for *Pricing in Media Sales and Distribution*:

- Create a new condition type under **SAP Media -> Basic Functions -> Pricing -> Pricing in Media Sales and Distribution -> Pricing in Service Settlement -> Pricing for Home Delivery -> Define Condition Types**.

- Define a new requirement under **SAP Media -> Basic Functions -> Pricing -> Pricing in Media Sales and Distribution -> Pricing in Service Settlement -> Define Requirements for Pricing**. If field KOMP-XBEZPOS is flagged, this indicates that settlement takes place for a material from the external interface.

- You should use this requirement for the new condition type in the pricing procedure for home delivery settlement under **SAP Media -> Basic Functions -> Pricing -> Pricing in Media Sales and Distribution -> Pricing in Service Settlement -> Pricing for Home Delivery -> Define Pricing Procedures**.
- Create a new access sequence and a condition table containing fields including the Material field (MATNR) under SAP Media -> Basic Functions -> Pricing -> Pricing in Media Sales and Distribution -> Pricing in Service Settlement -> Pricing for Home Delivery -> Define Price Dependencies (Condition Tables).

32.3.7 IS-M-SD-MS Media Product Sales and Distribution

32.3.7.1 Product Kit Components (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, a new field has been added to the Product Kit Maintenance transaction for purchase order quantity planning for wholesalers.

You can make the following entries for the main component in the Purchase Quantity Planning Level field in transaction JKSDCOMP01, Define Structure for Product Kit:

- Main component (entry "");
  Purchase order planning and purchase orders for main component
- Lower-level components (entry 1);
  Purchase order planning and purchase orders for lower-level components
- Main component and lower-level components (entry 2);
  Purchase order planning and purchase orders for both components

32.3.7.2 Price Determination Using Dynamic Price Groups (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can determine price groups and levels dynamically from active contracts for the sold-to party when entering contracts and orders. You can use the price group for pricing. You can also use price groups and levels determined dynamically to map product combinations in the system.

The dynamic price groups determined are listed on the Media tab. You can select Count and Pricing indicators for each item:

- Select the Count indicator if the item is to be used to determine the number of units.
- Select the Pricing indicator if the price group and level are to be used in pricing (to determine conditions).

Before you can determine price groups and levels dynamically, you must make the following settings in the master data:
- Price groups (table JKSESUBPRICESET)
- Assign allowed media products (table JKSESUBPRICESETA)
- Assign allowed order types (table JKSESUBPRICESETO)
- Assign price levels (table JKSESUBPRICESETD)
- Assign allowed media issues (table JKSESUBPRICESET)
- Define conditions

### 32.3.7.3 Purchasing Planning (New)

#### Use

As of SAP ECC Industry Extension Media 6.0, changes have been made to the following Purchasing Planning functions:

- **Generate Purchase Order Planning Records** (transaction JKSDORDERBOOKGEN)
  - Purchase order quantity planning records for product kits are created for the main component, the subcomponent, or both components depending on the setting for the *Purchase Order Planning Level* indicator.
  - You can create additional planning records (phase delivery) in sales quantity planning. Purchase order quantity planning records are also created for these additional phases.

- **Purchase Order Quantity Planning** (transactions JKSDORDERBOOK01 and JKSDORDERBOOK02)
  - The product kit components are now also displayed.
  - The purchase order quantity records for phases are displayed.
  - A new *Issue* view has been added:
    The *Issue* view displays the planning records for an issue. You can carry out quantity planning using predefined toolbar functions or custom functions.
    If you want to add custom functions to the toolbar, you must define your own function pushbuttons in Customizing and develop a class to execute the function.

- **Generate Purchase Orders** (transaction JKSDPORDERGEN)
  - You can now delete purchase orders.
  - You can use the *Purchase Order Type* parameter to specify that you only want to process external purchase orders (standard purchase orders), internal purchase orders (stock transport orders), or both purchase order types in one process.

#### Effects on Customizing

To add custom functions to the toolbar, define your own function pushbuttons in Customizing for *Media Product Sales and Distribution* under *SAP Media -> Media Sales and Distribution -> Media Product Sales and Distribution (Retail) -> Purchase Order Planning -> Define Functions.*
32.3.7.4 IS-M-SD-MS-SL  Sales

32.3.7.4.1 Integration of Shipping for SD Orders with Home Delivery (New)

Use

As of SAP ECC Industry Extension Media 6.0, a new function is available for shipping orders from Sales and Distribution (SD). If delivery takes place to a district to which an edition is already delivered, and for which carrier settlement takes place, each SD material can be delivered and settled in Media Sales and Distribution (M/SD).

Home delivery planning involves the following steps:

1. Add material to home delivery planning
   You can define n periods with a reference edition for each material. The reference edition is used to determine the M/SD delivery viability set.

2. Include order items for this material in planning
   Order items are grouped by plant and shipping date and copied to planning records (or refreshed) according to the specifications made when adding the material to home delivery planning.

3. Generate home delivery data for these planning records
   The home delivery data is generated or refreshed from the planning records. This function should be executed immediately before home delivery settlement.

Home delivery settlement for the home delivery data takes place in a separate step:

1. Update external interface for home delivery settlement for SD orders based on the home delivery data (program RJLSDHDSETTLEMENT)

2. Home delivery settlement for employee or service company
   The system includes the settlement records from the external interface in home delivery settlement if this function is activated in Customizing.

Effects on Customizing

Home Delivery Planning

The new attribute Shipping type for SD home delivery planning for materials has been added to the delivery type. To include the material for an SD order item in M/SD home delivery planning, the shipping type for this order item must be defined for an M/SD delivery type for home delivery. We recommend that you use a separate shipping type for this purpose.

Define the new Shipping Type attribute for at least one delivery type for home delivery in the Customizing settings for Periodical Sales and Distribution under SAP Media -> Master Data -> Distribution -> Delivery -> Define Delivery Types.

Home Delivery Settlement

Activate the indicator Take Account of External Interface in the Customizing settings for Periodical Sales.
32.3.7.4.2 Return Collection (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, the functions for renewal collection have been completely redesigned.

A collection index is compiled for returnable issues (table JKSDISSUEDATE) during media issue generation. You can edit this collection index using the function Maintain Collection Data for Media Issues (transaction JKSDCOLLECTISSUEDATE).

You can create the collection data for each business partner and collection date using the Generate Collection function (transaction JKSDCOLLECT01). A collection record is created for each possible collection date for a business partner. The media issues scheduled for collection on the collection date (collection index) are assigned to this collection record (tables JKSDCOLLECTBAG and JKSDCOLLECTISSUE).

You can edit a collection record using the Plan Collection function (transaction JKSDCOLLECTPLAN1). Depending on the status of the collection record, you can change certain attributes, or add, delete, move, and copy issues.

Effects on Customizing

Make the following settings in Customizing for Media Product Sales and Distribution under SAP Media -> Media Sales and Distribution -> Media Product Sales and Distribution (Retail) -> Collection of Unsold Copies:

- -> Define Collection Reasons
- -> Define Rules
- -> Collection Types

32.3.7.4.3 Service Modules for Processing Renewals in Series Sales and Distribution (New)

Use

SAP supplies function modules for processing renewals in Series Sales and Distribution that execute functions on series sales contracts.
Creating a New Contract Item

You can use the function module ISM_SE_CREATE_RENEWAL_ITEM to create a new renewal item for an existing contract item.

Setting the Installation Date in a Renewal Item

You can use the function module ISM_SE_CONTRACT_ITEM_SET_INST to set the installation date.

Suspending a Renewal Item

Function module ISM_SE_CONTRACT_INTERRUPT_CREA suspends a renewal item.

Deleting a Suspension

You can use function module ISM_SE_CONTRACT_INTERRUPT_REM to delete a suspension.

Removing Delivery Locks from Generated Orders

Function module ISM_SE_CONTRACT_UNBLOC_ORDER removes all the delivery locks from the generated orders for a renewal item.

Entering a Rejection Reason in a Renewal Item

You can use function module ISM_SE_CANCEL_RENEWAL_ITEM to enter a rejection reason for a renewal item.

32.3.7.4.4 IS-M-SD-MS-SL-C Contract

32.3.7.4.4.1 Time-Dependent Partner Roles (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can define partner roles with time constraints in Media Product Sales and Distribution (Retail). For example, if the owner (Sold-to Party) of a point of sale (POS) changes, you can schedule an automatic refresh of the validity periods for the partner roles.

The following functions are available for the time-dependent partner roles:

- **Edit time-dependent partner roles**
  You can define validity periods for partner roles at point of sale (that is, ship-to party) level, using the function Change View "Point of Sale - POS": Overview (transaction JKSDKNVP).

- **Adjust partner roles in contracts**
You can update or change the validity of a partner role in the relevant contracts for a point of sale (ship-to party) using the function IS-M: Adjust Partner Roles in Contracts (transaction JKSDKNVP2, report RJKSD_KNVP_CONTRACT).

- Adjust partner roles in customer master
  You can make adjustments to partner roles for specific dates in the business partner master data using the function IS-M: Adjust Time-Dependent Partner Roles in Customer Master (transaction JKSDKNVP4, report RJKSD_KNVP_UPDATE).

You can make adjustments to the following partner roles:
- Sold-to Party
- Payer
- Bill-to Party
- Ship-to Party
- Returning Business Partner

Please note that adjustments are only made to contracts with a valid contract type for assortments.

### 32.3.7.4.4.2 Activating Contracts (New)

#### Use

As of SAP ECC Industry Extension Media 6.0, the following distinction is made between active and inactive contracts in Series Sales and Distribution:

- A contract is active if it has a validity period, that is, a start and end date. You can only create orders in order generation for contracts that have a start and end date.
- A contract is inactive if it does not have a start or end date. Consequently, orders cannot be created for an inactive contract.

You can activate contracts using the program Set Installation Date in Contract (RJKSEACTIVATECONTRACT, transaction JKSECONTRACT01). If you execute the program in background processing, you can display the activation log using the Display Log program (RJKSEACTIVATECONTRACTPROTOCOL, transaction JKSECONTRACT02). In the control parameters for the activation, you can specify whether the activation is based on Deliveries (activation at goods issue) or No Deliveries (activation at any time).

#### Activation at Goods Issue

The installation date is to be set in the contract as soon as the basic edition has been delivered for a subscription item. You might, for example, want to set the end or start of the contract according to the installation date. To do this, you can define rules for determining the end of the contract from the installation date in Customizing for Sales and Distribution (SD).

Prerequisites:
- You should have assigned the basic edition to the subscription product in transaction JPTSTARTER, Assignment of Basic Edition to Media Product for Goods Issue.

- The order for the basic edition must be specified in the contract item. You can specify the basic edition in the Order for Basic Edition Delivery or Item Number for Basic Edition Delivery field on the Media tab in the contract item. If you enter a contract item in an order and then enter the basic edition for the contract item in the same order, the system automatically creates the relationship between the basic edition and the contract item using the Basic Edition Delivery and Item Number fields.
  Note: You can influence this relationship using method SET_STARTORDER of the Business Add-In (BAdI) ISM_SE_ORDER.

Note: The installation date can be found in the contract data. To do this, you must activate the contract data for the contract type in Customizing.

**Activation at Any Time**

There is no basic edition for the subscription item. You want the system to set the installation date immediately when the contract is created from the order. As in the case of activation at goods issue, the start of the billing period and other dates can be calculated from the installation date.

**Effects on Customizing**

You can set the installation date according to your specific requirements using method SET_INSTALLATIONDATE of the Business Add-In ISM_SE_ACTIVATE_CONT.

### 32.3.7.4.4.3 Product Addition (Enhanced)

**Use**

As of SAP ECC Industry Extension Media 6.0, a test run has been added to the program Execute Product Addition: Generate Contracts (RJK_SD_CON_GEN). No changes are made to the database during this test run.

You can also create new contracts using the copying control function from Sales and Distribution (SD).

**Effects on Customizing**

To create new contracts using SD copying control, you must make the settings for SD copying control in Customizing for Sales and Distribution under Sales and Distribution -> Sales -> Maintain Copy Control for Sales Documents.

### 32.3.7.4.4.4 Series Contract (Enhanced)

**Use**

As of SAP ECC Industry Extension Media 6.0, you can specify a suspension reason if you wish when creating a suspension.
Effects on Customizing

You can define the possible suspension reasons in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Contracts -> Suspension Reasons.

32.3.7.4.4.5 Creating Contracts from Orders (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can create orders that contain both order items and contract items ("mixed sales documents") using the function Create Sales Order (transaction VA01). You can create contracts for the contract items in the order using the program Create Contract from Order (RJKSECREATCONTRACT, transaction JKSECREATCONTRACT). The system creates a reference between the order and the contract, which you can also display on the Media tab page. The order created manually still contains the contract items after the contract is created.

If you execute the program for creating contracts from orders in background processing, you can display the log using the program Display Log (RJKSECREATCONTRACTPROTOCOL, transaction JKSECREATCONTRACTP).

BAdI Method

You can use method SPLIT_ORDER_ITEMS of the Business Add-In (BAdI) ISM_SE_CONTRACTCREAT to influence the way in which contract items from an order are distributed between several contracts. SAP supplies a default implementation that creates a new order for each contract item. If you want to have the system copy all the contract items in an order to one contract, you must change the default implementation in the SAP delivery.

Effects on Customizing

- Define which items in an order are to become contract items in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Mixed Sales Documents -> Define Subscription Items in Orders [TJKSESUB].
- Define the contract type with which contracts are to be created from orders in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Mixed Sales Documents -> Define Contract Type for Contracts to Be Created from Order Items [TJKSECONTR].
- The SD copying control settings must be maintained.
32.3.7.4.4.6 Shipping Planning (Enhanced)

Use

As of SAP ECC Industry Extension Media 6.0, enhancements have been made to the shipping planning functions, so that you can now change the status of several shipping schedule records at once, as well as display an overview of the order generation log for each shipping schedule record.

Mass Status Change

To change the status of several shipping schedule records at once in shipping planning, select the records you want to change and choose Mass Status Change. Enter the new status for the selected records in the dialog box that now appears. The system then copies the status to the selected records.

Overview of Subscriptions

You can display an overview of the order generation log for each shipping schedule record.

To do this, you must first define statuses, which can then be assigned to individual messages (T100 messages) in the next step. When the specified message is triggered in order generation, the system notes the corresponding status. You must then define calculation rules, according to which the statuses are evaluated. In a final step, you assign the calculation rules to the configuration of the log overview.

You can configure the log overview so that the system determines the number of statuses that occur. This allows you, for example, to determine the number of order items created without errors and the number of items for which errors occurred.

Effects on Customizing

To display an overview of the order generation log for each shipping schedule record, you must configure the log overview for order generation in the shipping schedule in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Shipping Schedule -> Evaluate Order Generation Log -> Log Overview of Order Generation for Shipping Schedule.

32.3.7.4.4.7 Check Start of Billing for Series in Generated Order (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can specify the start of billing for a series, to define the date from which a free subscription is subject to charge.

This is only relevant for delivery-related billing.

The start of billing can be checked during pricing for the order, for example so as to give the customer a discount relating to this date. In this case, orders created before the start of billing should be free, so that a discount of 100% is granted. Orders created after the start of billing should then be subject to charge, so that a discount is not granted in this case.

To do this, you must perform the following steps:
- Specify the start of billing for the series in the contract. For example, it can be determined from the installation date by means of a date rule when the contract is activated.

- Create a new condition in the pricing procedure for the order. The condition is assigned a requirement. The requirement checks the start of billing against the creation date of the order item. Only if the billing start date is after the creation date of the order item is the customer given a discount.

32.3.7.4.5 IS-M-SD-MS-SL-Q Purchase Quantity Planning

32.3.7.4.5.1 Postediting Sales Quantities (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can postedit sales quantities. For example, you can modify the sales quantities that are used for further forecasting. This allows you to take account of the effect of an event in the past.

As a result, you can use a sales quantity corrected relative to an event and an influencing factor for that event in sales.

You can use the following functions to modify sales quantities:

- Correct Sales Quantity per Issue (transaction JKSDQEVENTVERIFY)
- Correct Sales Quantity per Customer (transaction JKSDQEVENTVERIFYCUST)

The selection views for these two functions are different. The former provides a selection view by media product or media issue, and the latter by customer attributes and contract data.

32.3.7.4.5.2 Address Formatting in Media Product Sales and Distribution (New)

Use

As of SAP ECC Industry Extension Media 6.0, business partner addresses are recorded with their formatting in table JGTADDRASSMBLED. This means that a number of dialog transactions in Media Product Sales and Distribution can access a business partner address directly. Address formatting is either performed for all customers by program IS-M: Fill Address Table with Formatted Customer Addresses (RJGADRASSMBLED), or takes place when a customer is changed or created.

You can now also adjust the way addresses are formatted by creating your own implementations for the Business Add-In ISM_MPS_ADR_ASSEMBLE. For a detailed description of how to do this, please see the interface documentation.

Requirements

Address formatting is only possible if your IS-M or SAP BP addresses are synchronized with Sales and Distribution (SD).
Effects on Customizing

You must make the settings for address formatting in Customizing for Media Product Sales and Distribution under SAP Media -> Media Sales and Distribution -> Media Product Sales and Distribution (Retail) -> System Modifications -> Quantity Planning -> IS-M: Format Addresses in Media Product Sales and Distribution.

32.3.7.4.5.3 Suspensions in the Customer Planning Calendar (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, suspensions in the customer planning calendar are no longer set according to the publication date of a media issue, but rather according to the start and end dates of a sales period. This affects the following functions:

- Edit Business Partner (transaction BP)
- Copy Planning Calendar from Customer to Quantity Planning (transaction JKSD12)

Please note the following:

If you want to use these functions to enter planning suspensions, you must define the start and end of a sales period for media issues using the functions Create Media Issue (transaction JP27) and Change Media Issue (transaction JP28).

32.3.7.4.5.4 Quantity Forecasts Based on Reference Issues (New)

Use

As of SAP ECC Industry Extension Media 6.0, you can assign planning segments to customers and reference issues to these planning segments. The function is activated when planning areas come into being.

We recommend that you make use of this function.

- Planning area
  An area comprises the media product, the corresponding replication rule, and the assigned planning segments.

- Planning segment
  A segment is a geographical assignment (for example, North, or South). There are several segments in an area. Each segment is assigned certain contracts, as well as a number of customers. Segments are assigned contracts using the function Assign Contracts to Segments (transaction JKSDDASSIGNCONTRACT). You can implement the assignment in method GET_SEGMENT_FROM_CONTRACT of the Business Add-In ISM_AREA_SEGMENT. You can then display the assignment or change it manually using the function Edit Contract-Segment Assignment (transaction JKSDDISPLAYSC01). You can also assign contracts that are not yet assigned to a segment.

- Rules for determining the reference issue automatically
You can have the system determine the necessary reference issues for an issue in background processing using the program *Determine Reference Issues Automatically*. The rules used to do this are stored in the planning area and are defined in table TJKSDRULE. An entry in this table comprises a rule number and the name of a class that is implemented by the interface IF_ISM_AREA_RULE. The replication rule is defined by the implementation of this class. The class CL_ISM_REFISSUE_COPY_DAY is implemented in the standard system by way of an example. Table TJKSDRULE is edited in Customizing.

- **Special enhancements to the existing function *Edit Reference Issues***
  You can use the function *Edit Reference Issues* (transaction JKSDFORECAST02) to define the reference issue by specifying a combination of a media product and a publication date. You can also assign reference issues for different media products to one media issue. You can access the material master by double clicking on a media issue. The function also displays the return quantity, the quantity delivered, and the ratio of returns to sales figures in percent for the reference issue.

- **You can change the way in which reference issues are displayed using the following methods of the Business Add-In ISM_FORECAST:**
  - GET_TABLE_DATA
  - GET_TOOLBAR_BUTTON
  - HANDLE_USER_COMMAND

### 32.3.7.4.5.5 Quantity Planning for a Customer - Planned Suspensions (Enhanced)

**Use**

*As of SAP ECC Industry Extension Media 6.0*, you can use the function *Quantity Planning for a Customer* (transaction JKSD03) to define planned suspensions for a business partner.

The system refreshes the planning records for the contract in the work area immediately. To refresh all the planning records for the business partner, you must schedule a background job. The job can either be started explicitly when you save the current contract or triggered automatically when you exit the transaction. When the job is executed, all the planning records for the business partner are locked.

### 32.3.7.4.5.6 Copying Quantities from One Media Issue to Another (New)

**Use**

*As of SAP ECC Industry Extension Media 6.0*, you can use the function *Copy Quantity Plan (Master-Slave Products)* (transaction JKSDCOPYMS) to copy quantities from one media issue (master issue) to another (slave issue).

The issues are assigned by publication date using the function *Edit Master-Slave Product Relationship*. The assignment contains the master product and slave product(s). The system uses the publication date to search for the corresponding contracts and copy the quantities.

**Effects on Customizing**
To make use of this function, you must define the rule for contract determination in Customizing for Media Product Sales and Distribution under SAP Media -> Media Sales and Distribution -> Media Product Sales and Distribution (Retail) -> System Modifications -> Quantity Planning -> IS-M: Enables Mapping of Contracts.

32.3.7.4.6 IS-M-SD-MS-SL-O Order Creation

32.3.7.4.6.1 Order Generation for Retailers (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, the following changes have been made to the functions for Order Generation for Retailers:

Selection for Order Generation

The following new criteria for selecting media issues have been added to the program Generate Orders for Contracts (RJKSDORDERGEN):

- Sale from (date from which the media issue can be sold)
- Sale to (date to which the media issue can be sold)
- Initial shipping date from
- Initial shipping date to

You can define the dates in the master data on the media issue.

- Generation group: You can use the generation group to group contracts for generation. Order generation locks the data based on the generation group. This means you can run order generation for contracts that belong to different generation groups in parallel. You can assign a generation group to the contracts using the BAdI ISM_GENERATIONGROUP. This BAdI method is processed each time a contract is changed or when the report RJKSECREATEINDEXCONTRACT is executed for the corresponding contract.

Control Data for Order Generation

The following new test options are available:

- Debugging mode:
  Debugging mode is switched on after the RFC call. This allows you to follow the progress of Sales and Distribution (SD) order creation in the coding.

- Create orders sequentially:
  You should only execute the option Create Orders Sequentially in exceptional cases, since it has a negative effect on performance in order generation. This option is principally intended for use in following up on SQL Statements and analyzing performance.

On the initial Order Generation screen, you can specify a server group, which is then used to execute order generation. Work processes for order creation are not executed on servers that do not belong to the
server group. The server group is used to distribute the workload in your system. You can define server
groups in the system using the function CCMS: RFC Server Group Maintenance (transaction RZ12). If
you do not specify a server group in the Order Generation program (RJKSDORDERGEN), the system
tries to use all the servers to perform order creation in parallel processing.

Please note that the server group is only relevant if you do not perform order generation sequentially.

**Regeneration**

Regeneration is not possible for orders created with incomplete delivery dates (incomplete orders cannot
be created).

**Log**

The following enhancements have been made to the order generation log:

- Configurable log overview
- Options for displaying log entries for each order generation run or contract item

You can configure the log overview in the order generation log in the Customizing settings for Media
Product Sales and Distribution under SAP Media -> Media Sales and Distribution -> Media
Product Sales and Distribution (Retail) -> Sales -> Order Generation -> Log, or alternatively, in
the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and
Distribution -> Series Sales and Distribution -> Sales -> Order Generation -> Log.

First of all, you define statuses, which you can then assign to individual messages (T100 messages) in a
further step. Every time the message in question occurs in order generation, the corresponding status is
noted for the message. You then define calculation rules, which are used to evaluate the statuses. In a
final step, you assign the calculation rule to the log overview.

You can configure the log overview in such a way that the system determines the number of statuses
recorded. This allows you, for example, to determine the number of order items created with and without
errors.

You can use the Convert Order Generation Log program (RJKSDCONVERTPROTOCOL) to convert
the old log to the new format. Please note that you will not have access to all the functions for the new
log with converted logs.

### 32.3.7.4.6.2 Order Generation in Series Sales and Distribution (Changed)

**Use**

As of SAP ECC Industry Extension Media 6.0, the following changes have been made to Order
Generation in Series Sales and Distribution (transaction JKSEORDER01):

**New Selection Criterion Generation Group**

You can use the generation group to group contracts for generation. Order generation locks the data based
on the generation group. This means you can run order generation for contracts that belong to different
generation groups in parallel. You can assign a generation group to the contracts using the BAdI ISM_GENERATIONGROUP. This BAdI method is processed each time a contract is changed or when the report RJKSECREATENAMEDEXTRACT is executed for the corresponding contract.

Control Data

- Debugging mode:
  Debugging mode is switched on after the Remote Function Call (RFC). This allows you to monitor the progress of SD (Sales and Distribution) order creation in the coding.

- Create orders sequentially:
  You should only select the option Create Orders Sequentially in exceptional cases, since it affects the performance of the order generation function. This option is designed primarily for use in analyzing performance.

On the initial Order Generation screen, you can specify a server group, which is then used to execute order generation. Work processes for order creation are not executed on servers that do not belong to the server group. The server group is used to distribute the workload in your system. You can define server groups in the system using the function CCMS: RFC Server Group Maintenance (transaction RZ12). If you do not specify a server group in the IS-M: Order Generation program (RJKSEORDERGEN), the system tries to use all the servers to perform order creation in parallel processing.

Please note that the server group is only relevant if you do not perform order generation sequentially.

Determining Order Types Dynamically

You can use the function for determining order types dynamically to map the following process in the system:

If the ABAP requirement REQ1 is fulfilled for a contract item, the order type of the order to be generated is O1. However, if the ABAP requirement REQ2 is fulfilled for the contract item, the order type of the order to be generated is O2. If neither of these requirements is fulfilled, the order type is to be O3.

You can implement your own requirements, for example, Free of Charge for 30 Days from Contract Start. SAP supplies sample requirements, which you can adjust according to your company’s requirements.

Log

The following enhancements have been made to the order generation log:

- Configurable log overview
- Options for displaying log entries for each order generation run or contract item

You can configure the log overview in the order generation log in the Customizing settings for Media Product Sales and Distribution under SAP Media -> Media Sales and Distribution -> Media Product Sales and Distribution (Retail) -> Sales -> Order Generation -> Log, or alternatively, in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Order Generation -> Log.

First of all, you define statuses, which you can then assign to individual messages (T100 messages) in a further step. Every time the message in question occurs in order generation, the corresponding status is noted for the message. You then define calculation rules, which are used to evaluate the statuses. In a
final step, you assign the calculation rule to the log overview.

You can configure the log overview in such a way that the system determines the number of statuses recorded. This allows you, for example, to determine the number of order items created with and without errors.

You can use the Convert Order Generation Log program (RJKSDCONVERTPROTOCOL) to convert the old log to the new format. Please note that you will not have access to all the functions for the new log with converted logs.

Effects on Customizing

Specify function modules for use in determining the order type of the order to be generated in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Order Generation -> Determine Order Type -> Define Selection Modules for Determining Order Type. If you define your own function modules, you can do this by copying one of the standard SAP function modules for determining the order type.

Specify the procedure for determining the order type of the order to be generated in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Order Generation -> Determine Order Type -> Determination Procedure for Order Type for Order Generation. In the procedure, define the sequence in which the selection modules for determining the order type are to be accessed. You can define one procedure per client.

You can also define requirements in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Order Generation -> Determine Order Type -> Requirements for Rule Set. Requirements must have a standard SAP interface. If you want to create a new requirement, please create it as a copy of the standard SAP requirement.

Define the order type of the order to be generated and the item category in the order to be generated using the requirements you defined in the Customizing settings for Series Sales and Distribution under SAP Media -> Media Sales and Distribution -> Series Sales and Distribution -> Sales -> Order Generation -> Determine Order Type -> Access Sequence for Determining Order Type Using Rule Set.

Note

Please note that the item category in Customizing only affects order creation without copying control. If you use copying control, the item category is determined by this function.

You can change the order type found for each generation run using method CHANGE_DATA_BEFORE_RFC of the Business Add-In ISM_SE_ORDERCREATION.

32.3.7.4.6.3 Releasing Returns to SD (Changed)

Use

As of SAP ECC Industry Extension Media 6.0, two test options have been added to program RJKSDCREDIT, Release Returns to SD and enhancements have been added to the return release log for retailers.
Test Options

- Debugging mode:
Debugging mode is switched on after the Remote Function Call (RFC). This allows you to follow the progress of return release in the coding.

- Sequential release
  You should only execute sequential release in exceptional cases, since it has a negative effect on the performance of the program Release Returns to SD. This option is primarily intended for use in following up SQL Statements and for analyzing performance.

You can specify a server group on the initial screen of the program. The program is executed on this server group. Release work processes are not used on servers that do not belong to the specified group. The server group is used to distribute the workload in your system. You can define server groups in the system using the function CCMS: RFC Server Group Maintenance (transaction RZ12). If you do not specify a server group for the program, the system tries to execute the release on all servers in parallel processing.

Please note that specifying a server group is only relevant if you are not performing sequential release.

Log Output

The log of return release for retailers provides you with more information on returns with and without errors.

You can convert the old release log to the new format using program RJKSDCONVERTRETURNPROTOCOL, Convert Return Log. Please note that you do not have access to all the new log functions when using converted logs. For example, some of the fields available with the new log are not supplied with data during conversion. The system only enters data in these fields in new logs. However, all the data that was displayed in the old logs is also displayed in the new format.

It is also now possible to print out the log.

32.4 IS-M-AM Advertising Management

32.4.1 CIC: Edit Advertising Orders (Modified)

Use

As of the SAP ECC Industry Extension Media 6.0, the functions for editing advertising orders have been enhanced as follows in the Customer Interaction Center (CIC):

- If you search using an Advertising Management order number during Business Partner Search and Processing, the system highlights the order number used during the search in the Advertising Management Order Overview.

- You can now create the first item in an order with an item category during ad item entry.
32.4.2 CIC: New Methods for Business Object Type BUSISMCIC (New)

Use

As of SAP ECC Industry Extension Media 6.0, the following methods are available for the business object type CIC Support Object (BUSISMCIC):

- **ISM_CICSupport.RunCIC**
  You can use this method to access the Customer Interaction Center (CIC) in SAP ECC.

- **ISM_CICSupport.RunCRMWinIC**
  You can use this method to access the Interaction Center WinClient (IC) in SAP CRM.

You can implement the two methods as follows:

- Your call center employees normally work in the IC in SAP CRM, but are to access the CIC in SAP ECC when processing certain transactions. If you implement the method **ISM_CICSupport.RunCIC** in the Action Box in the IC in SAP CRM, the employees can access the CIC in SAP ECC from the Action Box. When they do this, the system transfers the business partner identified in SAP CRM to the CIC in SAP ECC. Once the employees have finished processing the transaction in the CIC in SAP ECC, they automatically return to the IC in SAP CRM.

- Your call center employees normally work in the CIC in SAP ECC, but are to access the IC in SAP CRM when processing certain transactions. If you implement the method **ISM_CICSupport.RunCRMWinIC** in the Action Box in the CIC in SAP ECC, the employees can access the IC in SAP CRM from the Action Box. When they do this, the system transfers the business partner identified in SAP ECC to the IC in SAP CRM. Once the employees have finished processing the transaction in the IC in SAP CRM, they automatically return to the CIC in SAP ECC.

In both cases, the CIC or IC is started once only and remains in wait mode in the background. This means...
the performance-intensive start process can be omitted when the application has to be accessed again.

32.4.3 CIC: Renaming of the Interface Status (Modified)

Use

As of the SAP ECC Industry Extension Media 6.0, the interface statuses (CUA status) PFS8200 (CIC ISM CAS NonTel) and PFS8200_T (CIC ISM CAS Tel) in the program SAPLEE_CIC_TOOLBAR have been moved to the SAPLEECICTOOLBAR_ISM program.

Effects on Customizing

If you want to use the invisible component CIC_TOOLBAR2 in the Customer Interaction Center (CIC), and use one of these statuses in its profile, you must change the entry in the Program Name field from SAPLEE_CIC_TOOLBAR to SAPLEECICTOOLBAR_ISM. You do so in the Customizing settings for SAP Media under Customer Interaction Center (CIC) -> Define Standard Toolbars and User-Defined GUI-Status.

32.4.4 Media-Specific Search Application in the SAP CRM Locator (Enhanced)

Use

As of SAP Customer Relationship Management (CRM) 5.0, the CRM_ISM_LOC_SA_ENVD search application is available to you in addition to the media-specific search applications that were previously available. This enables you to use the data environment in the Customer Interaction Center from SAP Media in the SAP CRM Locator.

You can use the Data Environment in the Locator to search for and display all objects for a business partner, which were created in SAP Media, such as advertising orders, subscription orders, bank details or payment cards.

- You define the objects and data that are displayed in the Data Environment in the component profile for the Data Environment in SAP CRM.
- You define the way in which objects in the Data Environment can be edited in the context menu, which is assigned to the CIC profile in SAP CRM.

Effects on Customizing
You incorporate the *Data Environment* in the *Locator* using the search application
CRM_ISM_LOC_SA_ENVD in the Customizing settings for *SAP CRM* under *Interaction Center

You define the editing functions in the context menu in the Customizing settings for *SAP CRM* under
*Interaction Center WinClient* -> *Component Configuration* -> *Hidden Components* -> *Define Context Menus*.

You define the component profile for the *Data Environment* in the Customizing settings for *SAP CRM*
under *Industry-Specific Solutions* -> *Media* -> *SAP Media Integration* -> *Interaction Center* ->
*Locator* -> *Make Locator Settings*, and assign it to the CIC profile with the ENVD LOCATOR profile type.

### 32.4.5 Media-Specific Attributes for the SAP BP TREX Search (New)

**Use**

As of *SAP ECC (SAP_APPL 600)* you can use TREX business objects to search from the master data
area, such as the SAP business partner, material master or cost center. The TREX search engine is
characterized by its speed and can be used to find business objects using a full text search, fuzzy search or
phonetic search.

If you also want to search using media-specific addresses and address attributes during the business
partner search with TREX, you should use the class *CL_ISM_SE_BUS1006* to index the data, which
was created for the *SAP ECC Industry Extension Media 6.0*:

- The simple and enhanced TREX search is now available to you in the F4 Help for the business
  partner. The system observes the media-specific address data in both search variants.

- You can now use the TREX full text search in the *business partner search* in the *Customer
  Interaction Center (CIC)*. To do so, select the *Full Text Search* entry in the dropdown list for
  the variable search field, and enter the corresponding search term in the associated field.

**Effects on System Administration**

TREX is part of *SAP NetWeaver*. You have installed TREX and connected it to the ERP System.

**Effects on Customizing**

You have made the settings for TREX in Customizing for *SAP NetWeaver* under *SAP Web
Application Server* -> *System Administration* -> *Search Engine Service* -> [...].

If you want to use media-specific addresses and address attributes during the business partner search with
TREX, you have assigned the media-specific class *CL_ISM_SE_BUS1006* instead of the class
*CL_ERP_SE_BUS1006* to the *SAP business partner (BUS1006)* business object in the IMG activity
Define Business Objects for Search Engine Service.
If you want to use the TREX full text search in the SAP Media CIC, you have selected the Search Using Search Engine Service indicator in the CIC Customizing settings under Make Settings for Business Partner Search/Processing component.

See also

For more information on TREX see the release note Connection of Objects to a Search Engine and the SAP Library under SAP NetWeaver -> Information Integration -> Knowledge Management -> [...].

32.4.6 Renamed Formulas and Requirements (Changed)

Use

Since a number of different industry solutions have been merged in one ERP system, the identification numbers of the formulas and requirements in pricing and output determination have been changed for SAP ECC Industry Extension Media 6.0 so that they are only used once.

New numbers have been assigned to the formulas and requirements listed below.

The identification numbers are adjusted automatically by report RJYXPRA600_TFRM during the system upgrade.

If you have modified the coding, you must copy these changes to the new coding manually.

Effects on Existing Data

Conversion of formulas and requirements: OLD -- > NEW (application)

Requirements in output determination (LV61Bxxx INCLUDES)
- 500 -- > 513 (J8, Research/Media Sales and Distribution)
- 501 -- > 514 (J9, Renewal Control/Media Sales and Distribution)
- 502 -- > 515 (J0, Order/Media Sales and Distribution)
- 503 -- > 517 (J1, Billing/Media Sales and Distribution)

Requirements in pricing (LV61Axxx INCLUDES)
- 499 -- > 516 (JE, Revenue Distribution/Advertising Management)
- 500 -- > 517 (JE, Revenue Distribution/Advertising Management)

Condition values in pricing (FV64Axxx INCLUDES)
- 560 -- > 541 (J0, Order/Media Sales and Distribution)
- 561 -- > 542 (J0, Order/Media Sales and Distribution)
- 565 -- > 543 (J2, Commission Settlement/Media Sales and Distribution)
- 571 -- > 544 (J0, Order/Media Sales and Distribution)
32.4.7 IS-M-AM-SL Sales

32.4.7.1 IS-M-AM-SL-O Order

32.4.7.1.1 Order Entry in the IAC "Entry of Classified Ads" (Enhanced)

Use

As of the SAP ECC Industry Extension Media 6.0, you can enter and edit orders as follows in the Internet Application Component (IAC) Entry of Classified Ads:

- **Display orders in the order list**
  Orders, which have been saved in the temporary table, are now also displayed in the order list. This means that the customer can view and check orders in the order list, which have not yet been updated in Advertising Management (IS-M/AM). The customer can also cancel, change or use an order as a copying template for an additional order from the order list.

- **Change orders**
  The customer can now change orders. If a customer changes an order that has been saved in the temporary table, the system changes the order in this table. If they change an order that has already been updated in IS-M/AM, the system cancels the order completely, and creates a new order with a new item. The cancellation reason field has been included in the Customizing settings for the IAC for canceling template items.

- **Select bank details and payment cards**
  If several bank details and/or payment cards have been entered for a customer in the business partner master data, the customer is offered all valid bank details and/or payment cards for selection when they enter an order. The customer cannot create new bank details or payment cards.

- **Enter agency orders**
  If an agency enters an order, the system offers them all advertisers from the advertiser/agency relationship in the business partner master data in a dropdown list for selection. The agency cannot create or change any advertiser assignments when they enter the order. You can only enter agency orders in the IAC if you are using the SAP Business Partner.

- **Enter several booking units and/or publication dates**
  If you have selected the Additional Booking Units and/or Additional Publication Dates indicator in
the Customizing settings for the IAC, a customer can enter additional booking units and/or publication dates in an order. The additional booking units and/or publication dates are determined according to the leading booking unit or leading publication date.

- **Copy communication data from address duplicates**
  If you record communication data in a temporary table, and have defined the way in which the system is to handle alternative communication data during the duplicate check in the Customizing settings for the IAC, alternative telephone numbers or e-mail addresses can be copied into the business partner master data as follows:
  - Copy new data if this is available
  - Copy new data if it contains initial values in the duplicate
  - Copy new data
  - Do not copy new data

You define whether communication data is recorded in the temporary table in the Destination for Saving Internet Data field in the Customizing settings for the IAC.

**Effects on Customizing**

You make the settings for the IAC **Entry of Classified Ads** in the **Advertising Management** Customizing settings under *Sales-> Order -> Internet Application Components (IACs) -> Entry of Classified Ads -> General Settings*. If you want to display or change orders in the order list, select the Allow Order Selection Indicator.

You enter the key for the check data in the **Advertising Management** Customizing settings under *Sales-> Order -> Internet Application Components (IACs) -> Entry of Classified Ads -> Identify and Check Business Partners.*

**See also**

For more information on the functions, implementation and modification options available in the IAC **Enter Classified Ads**, see the SAP Library.

**32.4.7.1.2 Manual Generation of Schedule Lines (Enhanced)**

**Use**

As of the **SAP ECC Industry Extension Media 6.0**, you can propose several dates at item level during manual generation of schedule lines. Prior to the **SAP ECC Industry Extension Media 6.0**, you could only generate schedule lines manually if no more than one date had been entered at item level.

You can now also use manual schedule line generation during *ad item entry* in the **Customer Interaction Center (CIC)**.
32.4.7.1.3 Price Calculation Using the Actual Color Scheme Ad Type (Enhanced)

Use

As of the SAP ECC Industry Extension Media 6.0, you can use the actual color scheme for the ad spec to calculate the ad price. You can select the Actual Color Scheme Ad Type indicator in Customizing for each design ad type:

- If the **Actual Color Scheme Ad Type** indicator is selected, the system uses the actual color scheme for the ad spec to calculate the price. The technical system returns the actual color scheme to the ad spec in Advertising Management. If the actual color scheme has not yet been returned to Advertising Management, the system sets the ad spec status to **incomplete**, and uses the color scheme ad type specified in the order to calculate the price.

- If the **actual color scheme ad type** indicator has not been selected, the system uses the color scheme ad type specified in the order during the price calculation.

Effects on Customizing

You define which color scheme is used to calculate the ad price in the Customizing settings for Advertising Management under Sales -> Order -> Sales Document -> Sales Document Item -> Ad Item Type -> Ad Type -> Define Design Ad Type.
32.4.7.1.4 Cross-Item Series Creation (Enhanced)

Use

As of the SAP ECC Industry Extension Media 6.0, you can also create cross-item series for multiple placements. The restriction of series creation to the ad item type has been removed.

You can combine various booking units or publication dates and content components in a cross-item series.

During series creation, the system combines the billing datasets as series, and numbers all billing datasets in a series consecutively. The series rule, sequence number of the billing dataset in the series, and the series number are saved in each billing dataset.

During cross-item series creation, the system searches for a series creation rule for each billing dataset. Billing datasets are sorted according to the series rule found, comparison fields and service creation date, and are combined as series.

You specify comparison fields to define a series creation rule. The comparison fields define the characteristics that must be identical within a series.

The following fields were added to the list of comparison fields for cross-item series creation:

- Item type
- Ad insert number
- Ad insert type
- Processing type for ad insert
- Distribution of planned quantity types
- Customer price group
- Format proposal
- Page/column format
- Design ad type

You can also now define the minimum and maximum size of the series elements.

If new billing datasets are generated in an order, or a billing dataset is cancelled, the system performs series creation again for the entire order. This can trigger price changes for all order items.

If you want to adjust determination of series rules to meet the requirements of your organization, you can use the Business Add-In Billing Dataset Series Creation (ISM_AM_BUILD_SERIE) with the Billing Dataset Series Creation Rule (GET_SERIES_RULE) method to do so.

The following additional fields can now also be transferred to the billing interface to bill series.

- Number of series elements
- Order quantity in the series, such as column millimeters
- Insertion order quantity
- Planning quantity for the carrying edition
- Calculation quantity (ad insert)
- Postal circulation quantity
- Actual distribution quantity

Note however, that series creation is not repeated during billing, and series information can no longer be changed in a billed billing dataset.

Effects on Customizing

You define the rules for series creation in the Customizing settings for Advertising Management under Sales -> Order -> Client-Specific Settings -> Define Series Creation Rule.

See also

For more information on series creation, see the SAP Library.

32.4.8 IS-M-AM-RR Revenue Recognition

32.4.8.1 Revenue Recognition for Credit-Side Documents (Modified)

Use

As of the SAP ECC Industry Extension Media 6.0, a different tax indicator is used during revenue recognition for credit-side documents, which is essentially an "expense recognition", than that used for debit-side documents. The Input Tax Code for Non-Taxable Transactions is used for credit-side documents, and the Output Tax Code for Non-Taxable Transactions is used for debit-side documents.

Revenue recognition for credit-side documents is now possible because the Business Transaction Event (BTE) 00503114 has been defined for media. Up to the SAP ECC Industry Extension Media 6.0, revenue recognition for credit-side documents was only possible if you had defined the Business Transaction Event (BTE) 00503114 for individual customers according to note 751395.

If you have defined the Business Transaction Event (BTE) 00503114 for individual customers according to note 751395, you should now delete this version.

Effects on Customizing

32.5 IS-M-PLM Product Lifecycle Management

32.5.1 Changes for Aggregated Items in ECP Cost Estimates

Use

As of SAP ECC Industry Extension Media 6.0, you edit pricing keys and formula elements using activities in the Implementation Guide (IMG).

The IMG activity for editing the formula elements used in aggregated items in Easy Cost Planning cost estimates can be found under:

*Project System -> Costs -> Planned Costs -> Easy Cost Planning and Execution Services -> Easy Cost Planning -> Aggregated Items -> Define Formula Element*

The IMG activity for editing the pricing keys used in aggregated items in Easy Cost Planning cost estimates can be found under:

*Project System -> Costs -> Planned Costs -> Easy Cost Planning and Execution Services -> Easy Cost Planning -> Aggregated Items -> Define Pricing Key*

However, these settings do not change the function of the aggregated items.

32.5.2 Integration of ECP Costing in Profitability Analysis

Use

As of SAP ECC Industry Extension Media 6.0, you can settle calculated costs and revenue to a profitability segment in an ECP cost estimate for a work breakdown structure element (WBS element) without integrated planning.

You plan costs and revenue for a WBS element in an ECP cost estimate. You do this using WBS elements and a CO version without integrated planning. You want to settle this planning data to profitability analysis so that it can be used, for example, in By Title Reporting.

If you have activated planned settlement for WBS elements without integrated planning in Customizing, you can also maintain a planned settlement rule for WBS elements without integrated planning. The profitability segment is the only receiver supported.

When you execute planned settlement for WBS elements without integrated planning, this planned settlement rule is taken into account. If there is no planned settlement rule, the system checks whether the actual settlement rule can be used. If this is possible, the system creates a planned settlement rule based on the actual settlement rule. If you have specified in Customizing that planned settlement for WBS elements without integrated planning is always to be made to profitability analysis, the system creates a planned settlement rule with the profitability segment as its receiver if there is no suitable planned or
actual settlement rule in the system.

**Effects on Customizing**

To activate planned settlement for a CO version without integrated planning to a WBS element without integrated planning, you must perform the IMG activity *SAP Media -> Title Lifecycle Management -> Media Product Development -> Activate Planned Settlement for Objects w/o Integ. Planning*.

Create an entry and select the *Plan.Sett WBS* indicator in this entry.

If you want planned settlement always to be made to profitability analysis irrespective of whether a corresponding planned or actual settlement rule is defined, select the *Sett to CO-PA* indicator.