

Release Notes
for
SAP enhancement package 7
for **SAP ERP 6.0,**
Support Package Stack 03

FI Financial Accounting



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FI Financial Accounting

FI-CAX Non-industry specific contract accounts receivable

FICAX_CI_5: Contract Accounts A/R and A/P, 05

Use

As of SAP enhancement package 7 for SAP ERP 6.0, you can use the business function Contract Accounts A/R and A/P, 05 (FICAX_CI_5). You can use this business function to:

- o Archive payment data from payment runs
- o In Enhanced Message Management, enter your own names for solution processes
- o Manage archived data based on ILM residence rules using the integration with SAP NetWeaver Information Lifecycle Management
By storing the archived data in specified retention periods, destruction of the data in accordance with legal requirements is possible.
- o As part of the integration with new General Ledger Accounting, you can add the newly introduced account assignments - business area, segment, and profit center - not only to new documents, but also to documents already posted
To do so, you can use a prepared enhancement to add a second set of account assignment fields in your business partner items.
- o Integrate Contract Accounts Receivable and Payable (FI-CA) and Sales and Distribution (SD), even if you run the two components in distributed systems
- o Use the new data storage for trigger entries in the outbound interface for postings on the business partner
- o Within the context of the connection to external tax systems:
 - Transfer the complete business partner items to the external tax system for documents that were created in invoicing
 - Use a prepared enhancement to activate additional fields that you need for calculating U.S. tax in business partner items and G/L items
 - When writing off documents from invoicing, determine the tax in proportion to the relationship between the amount being written off and the original total amount
 - Update tax in an external tax system by document item or by document to meet legal requirements for sales tax reporting in the United States and Canada
- o Suppress the optimized calculation of tax amounts in Contract Accounts Receivable and Payable
- o Enter the special period in requests and FI-CA documents that should be posted later during the transfer to the general ledger
- o Enter information for a comment on processing locks
- o Using the contract, select write-off histories, collection items, payments, returns

histories, as well as doubtful entries and adjusted receivables

- o During the mass change of documents, enter new values for the document items to be changed in a new, single-column table
- o Only select and output locks on open documents in the transaction for evaluating processing locks (transaction FPLKA)
- o During the clarification of incoming payments, recognize by a symbol if a clarification note was entered for a given clarification case
- o When creating foreign trade declarations, format the reporting data in accordance with national regulations and store the data in a local file that you transmit to the responsible authority

In the future, you can access the documentation of DataSources of Contract Accounts Receivable and Payable in the documentation of Contract Accounts Receivable and Payable and not, as before, in the documentation of SAP NetWeaver Business Warehouse under **BI Content**.

For more information, see the following release notes:

- o **Archiving**
- o **Enhanced Message Management**
- o **New Events**
- o **SAP NetWeaver ILM and Archiving in Contract Accounts Receivable and Payable**
- o **Use of Additional Account Assignments During Live Operations**
- o **Integration with Sales and Distribution**
- o **System Measurement**
- o **Outbound Interface for Postings to Business Partner**
- o **Connection to External Tax Calculation Systems**
- o **Tax Calculation**
- o **Special Periods**
- o **Locks**
- o **Contract in Histories**
- o **Enhancements in Transaction FPE2M**
- o **Enhancements in Transaction FPLKA**
- o **Clarification Note for Incoming Payment Clarification**
- o **Foreign Trade Declarations**
- o **Documentation of DataSources**

As of SAP Enhancement Package 7 for SAP ERP 6.0, SP02, you can use this Business Function to do the following:

- o If you use HANA as your database system, you can display the objects last used in the initial menu for display and change transactions of the following objects:
 - Contract Account
 - Provider Contract
 - Partner Agreement
 - Master Agreement
 - Document
- o You can improve the performance of numerous processes in contract accounts receivable and payable by optimizing database access
- o In numerous transactions, you can display context-sensitive additional information about existing SAP GUI applications in their own screen areas in sidepanels

For more information, see the following release notes:

- o **Display Last Used Objects**
- o **Performance Optimization**
- o **Sidepanel for Contract Accounts Receivable and Payable**

As of SAP enhancement package 7 for SAP ERP 6.0, SP03, you can use this business function:

- In the document display and in the account balance, to display transaction currency amounts of document items in the successor currency when the currency is expiring
- To improve performance of additional processes of Contract Accounts Receivable and Payable by optimizing database accesses

For more information, see the following release notes:

- **Expiring Currencies**
- **Performance Optimization**

See also

SAP Library for SAP ERP on the SAP Help Portal at <http://help.sap.com/erp> -> **SAP Enterprise Resource Planning -> SAP ERP Enhancement Package 7 for SAP ERP 6.0 -> Application Help -> <Language> -> Business Functions (SAP Enhancement Package 7 for SAP ERP 6.0) -> Business Functions in SAP ERP -> Industry Business Function Sets -> SAP Contract Accounts Receivable and Payable -> Contract Accounts A/R and A/P, 05.**

FICAX_CI_5: Archiving (New)**Use**

As of SAP Enhancement Package 7 for SAP ERP 6.0, the following functions for archiving in Contract Accounts Receivable and Payable are available:

Archiving of Payment Data from Payment Runs

Archiving object FI_MKKPAYH can be used for archiving payment data from payment runs.

The prerequisites for archiving are described in the documentation of report **RFKPYARC01**.

Archiving of Security Deposits

Archiving object FI_MKKSEC can be used for archiving security deposits.

Effects on Customizing*Archiving of Payment Data from Payment Runs*

Enter the residence time and activate the archiving information structure for payment data from payment runs in Customizing for Contract Accounts Receivable and Payable under **Business Transactions -> Payments -> Archiving**.

Archiving of Security Deposits

Enter the residence times and activate the archiving information structure for security deposits in Customizing for Contract Accounts Receivable and Payable under **Business Transactions -> Security Deposits -> Archiving**.

FICAX_CI_5: Enhanced Message Management (New)

Use

As of SAP enhancement package 7 for SAP ERP 6.0, you can enter your own names for solution processes in clarification cases.

Effects on Customizing

Assign the name of the call definition of the solution process in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Enhanced Message Management -> Specifications for Generating Clarification Cases -> Enter Texts for Solution Processes**.

FICAX_CI_5: New Events (New)**Use**

As of SAP enhancement package 7 for SAP ERP 6.0, you can use the following new events:

- o **0178:** Taxes: Add to Data During Update to External System
- o **0199:** Filter Contracts by Contract Category
- o **0421:** Master Agreement/Filter: Check Test Data for Assignment
- o **0530:** Master Agreement: Enrich Data; Influence Check Status
- o **0553:** Provider Contract: Normalization of IDs
- o **0554:** Provider Contract: Reading of IDs (Migration to ERP)
- o **0560:** Generation of Partner Consumption Items
- o **0561:** Filling of Additional Fields in Partner Consumption Items
- o **0657:** SEPA Direct Debit Pre-Notification: Add to Data Before Saving
- o **0658:** SEPA Direct Debit Pre-Notification: Follow-On Activities After Change
- o **0576:** SEPA Mandates: Mandate Changes After Change of Bank
- o **0771:** Correspondence: Print SEPA Mandate Request
- o **0772:** Correspondence: Generate SEPA Mandate Request
- o **0776:** Correspondence: Print SEPA Direct Debit Pre-Notification
- o **0777:** Correspondence: Generate SEPA Direct Debit Pre-Notification
- o **0949:** Set Account Assignments for Subsequent Postings
- o **1123:** Document: Mass Change - Initialization
- o **1790:** MassAct: Deletion of Table Entries
- o **1791:** MassAct: Deletion of Table Entries for Shift Parameters
- o **1857:** MassAct: Delete Outbound Interface Trigger
- o **1858:** MassAct: Outbound Interface Delete Triggers, Parameters
- o **1892:** MassAct: Adjustment Records for Partner Settlements
- o **1893:** MassAct: Adjustment Records for Partner Settlement (Shift)
- o **1894:** Determination of Adjustment Amount for Partner
- o **1896:** Subsequent Introduction of Account Assignments
- o **1897:** MassAct: SEPA Prenotification
- o **1898:** MassAct: SEPA Prenotification, Shift Parameters
- o **1982:** Foreign Trade Declaration: Data Export to Local File
- o **5706:** SAP CC: Business Relationship with Bus. Partner (B2B/B2C)
- o **6534:** Requests: Propose Alternative Currency

- o **6750:** Mass Act: Interval Function Module for Mass Activities
- o **8175:** BIX: Analyze and Enrich Consumption Items
- o **8182:** BIX: Mass Activity: Rating
- o **8183:** BIX: Mass Activity: Move Rating Parameters
- o **8187:** Mass Activity: Partner Activation
- o **8188:** Mass Activity: Move Partner Activation Parameters
- o **8189:** BIX: Mass Activity: Perform Rerating
- o **8190:** BIX: Mass Activity: Move Rerating Parameters

Effects on Customizing

You enter installation-specific function modules in Customizing for Contract Accounts Receivable and Payable under ***Program Enhancements*** -> **Define Customer-Specific Function Modules**.

FICAX_CI_5: SAP NetWeaver ILM and Archiving in Contract Accounts Receivable and Payable (New)

Use

Integration with SAP NetWeaver Information Lifecycle Management

As of SAP enhancement package 7 for SAP ERP 6.0, the integration of Contract Accounts Receivable and Payable (FI-CA) with SAP NetWeaver Information Lifecycle Management (SAP NetWeaver ILM) lets you manage archived data on the basis of residence rules. By storing the archived data in specified retention periods, destruction of the data in accordance with legal requirements is possible.

The following archiving objects in Contract Accounts Receivable and Payable were integrated with SAP NetWeaver ILM:

<u>Archiving object</u>	<u>Description</u>	<u>Software</u>
<u>Component</u>		
FI_MKKCORR	FI-CA Correspondence	FI-CA
FI_MKKCREG	FI-CA Check Management	FI-CA
FI_MKKDOC	FI-CA Document	FI-CA
FI_MKKEXC	FI-CA External Payment Information	FI-CA
FI_MKKEXCJ	FI-CA Cash Journal (Inbound Services)	FI-CA
FI_MKKINF	FI-CA Information Container	FI-CA
FI_MKKIP	FI-CA Payment Specifications	FI-CA
FI_MKKPAYL	FI-CA Payment Lot	FI-CA
FI_MKKPCRD	FI-CA Payment Card Supplement	FI-CA
FI_MKKPNBK	FI-CA Prenotification	FI-CA
FI_MKKPP	FI-CA Promise to Pay	FI-CA
FI_MKKPPAC	FI-CA Prepaid Accounts	FI-CA
FI_MKKCAMA	FI-CA Master Agreement	FI-CA
FI_MKKCAVT	FI-CA Provider Contract	FI-CA
FI_MKKREHI	FI-CA Returns History	FI-CA
FI_MKKRET	FI-CA Returns Lot	FI-CA
FI_MKKPAYH	FI-CA Payment Data from Payment Runs	FI-CA
FI_MKKSEC	FI-CA Security Deposit	FI-CA
FKK_GENREP	FI-CA Generic Tax Reporting	FI-CA
FKK_GENREV	FI-CA Generic Tax Reporting - Revenue	FI-CA
FI_MKKPRNH	FI-CA: Direct Debit Pre-Notifications (SEPA)	FI-CA

FI_MKKMDOC	FI-CA: Sample Documents	FI-CA
FI_MKKUSTX	FI-CA: Telecommunications Tax	FI-CA
FI_MKKEXTD	FI-CA: Official Document	FI-CA
FI_MKKGENS	FI-CA: Generic Tax Reporting - Additional Table	FI-CA

In addition, the archiving object CA_BUPA (business partner) is integrated with NetWeaver ILM.

Note for the industry solution component Public Sector Contract Accounts Receivable and Payable (IS-PS-CA)

Archiving object FMCA_FB (PSCD form bundle) was integrated with SAP NetWeaver ILM.

Note for the industry solution component Insurance Contract Accounts Receivable and Payable (FS-CD)

The following archiving objects were integrated with SAP NetWeaver ILM:

<u>Archiving object</u>	<u>Description</u>	<u>Software</u>
<u>Component</u>		
VVKK_ITAG	VVKK: Archiving Agency Collections INSURANCE	
VVKK_SCHED	VVKK Bill Scheduling	INSURANCE
VVKK_BRCOL	Broker Report	INSURANCE
VVKK_COINH	Coinurance Reporting	INSURANCE
VVKK_FAKTB	IS-CD Posting Data	INSURANCE
VVKK_INTEG	Insurance Integration	INSURANCE
VVKK_INVCH	Invoicing History	INSURANCE
VVKK_REPCL	Clarification Worklist for Money Laundering Regulations	INSURANCE
VVKK_SAICH	Balance Interest Calculation History INSURANCE	
VVKK_TAX	Tax Reporting for Italy	INSURANCE

Archiving objects integrated with SAP NetWeaver ILM offer up to three additional actions:

- o Archiving (archiving of data after successful archivability check)
- o Snapshot (archiving of data without checks)
- o Destruction of data (destruction of archived data in accordance with the rules from the **Information Retention Manager**)

Caution

BDT archiving objects integrated with SAP NetWeaver ILM only offer the ILM actions **Archiving** and **Destruction of Data**.

In transaction ILMARA, you enter the audit areas to which you can assign ILM objects for a policy category (for FI-CA: retention rule only); in transaction IRMPOL, you enter the ILM policies by specifying the policy category, object category, audit area and ILM object.

In transaction ILMSIM, you can simulate the policies that you entered in transaction IRMPOL.

Deletion of Other Objects

As of SAP enhancement package 7 for SAP ERP 6.0, you can reduce the load on your database by deleting data from tables that you do not archive and no longer need online.

Along with the deletion objects of the standard system, you can implement your own deletion objects as follows. To do so, you define a function module that deletes the data from the appropriate tables (see example function module FKK_DELOBJ_0000) and enter the deletion object in the customer namespace in Customizing.

Effects on Customizing

Integration with Information Lifecycle Management (ILM)

You make the system settings for retention regulations and retention rules in Customizing for Contract Accounts Receivable and Payable under **Data Deletion** in the following activities:

- o **Define Retention Regulations**
- o **Assign Retention Regulations**

Delete Other Objects

You find the deletion objects in Customizing Contract Accounts Receivable and Payable under **Data Deletion -> Enter Deletion Objects**.

You can enter your own deletion objects also in Customizing Contract Accounts Receivable and Payable under **Data Deletion -> Enter Deletion Objects**. Assign the appropriate deletion module to the deletion object here and specify a residence time.

FICAX_CI_5: Use of Additional Account Assignments During Live Operations (New)

Use

You can enter the following account assignments in business partner items in the posting document in Contract Accounts Receivable and Payable:

- o Business area
- o Segment
- o Profit center

If you have not used one of these account assignments up to now, but want to use it in the future, you can only do so in new documents. You cannot change any of these account assignments in documents posted already because this leads to errors when reconciling with the general ledger. As a result, the account assignments are also missing in follow-on postings that arise due to clearing or other follow-on processes (such as cash discounts, payment surcharges, interest, exchange rate differences, down payments on statistical request) for these documents. For key date evaluations of open items, balances without account assignment remain until the last items without account assignment are cleared.

To eliminate these effects, as of SAP enhancement package 7 for SAP ERP 6.0, you can use a prepared enhancement to add a second set of account assignment fields in your business partner items. These include the term **subsequent**, for example, **Profit Center Assigned Subsequently to an Account**. If the original account assignments are not set, after implementing the enhancement, fill the additional fields with the appropriate account assignments using a mass activity (on the SAP Easy Access screen under **Changeovers in Live System -> Set Subsequent Account Assignments in Business Partner Items**). Derivation of the appropriate account assignment occurs at event 0949, which you must define in accordance with your requirements.

You can use these subsequently set account assignments as follows:

- o Follow-on postings for items with subsequent account assignment receive the account assignments in exactly the same way as if the original fields in the business partner item had had these account assignments. The system takes follow-on postings into account for:
 - Clearing (cash discounts, payment surcharges, exchange rate differences, down payments on request, charges on request)
 - Write-off (expense or revenue)
 - Interest calculation

The goal is for all postings to have account assignment to the income statement, and not to allow any new, open business partner items to be created without account assignment. Therefore, the system always takes into account all subsequently set account assignments, without taking a key-date-dependent view, as with reports on open items.
- o The clearing posting on the receivables account or payables account is not affected by the subsequent account assignments, since the clearing of an item always has to be posted with the same account assignments as were used when the item was created.
- o Valuation gains and valuation losses resulting from foreign currency valuation also receive their account assignments as if the account assignments were already entered in the original fields in the business partner items.

- o You can also take the subsequent account assignments into account for key date evaluations of open items (reclassification, aging, foreign currency valuation). For each company code, enter the key date, starting from which this should take place, in Customizing for Contract Accounts Receivable and Payable under **Closing Operations -> Define Settings for Subsequent Account Assignments**.

The system then displays the balances and all required adjustment postings for receivables and payables as if the original account assignment fields were set. Since the general ledger still records the balances without account assignment, the system proposes additional adjustment postings, that you can post from the SAP Easy Access screen under **Periodic Processing -> Closing Preparation -> Adjustments for Subsequent Account Assignment**. Using these adjustments, the system reduces the balances without account assignment using the adjustment accounts for receivables and payables, and builds up balances with account assignment. As a result of the adjustment, the receivables and payables for postings with subsequent account assignment appear in the balance sheet as if they were originally entered with these account assignments.

Note

The entries in the Customizing activity **Define Settings for Subsequent Account Assignments** then also cause the enrichment of account assignments for key date evaluations, if no subsequent account assignments were set, but an enrichment was made at event 0945 during the general ledger transfer. All adjustment postings for receivables and payables then inherit the account assignments that the system added during the general ledger transfer. For more information, see the documentation for event 0945.

Proceed as follows to add subsequent account assignments:

1. Preparation
 - Execute the prepared enhancement.
 - Define the events 0944, 0945 and 0949 to meet your requirements.
2. Introduction of the Account Assignment
 - Set the subsequent account assignments from the SAP Easy Access screen under **Changeovers in Live System -> Set Subsequent Account Assignments in Business Partner Items**.
 - In Customizing under **Closing Operations -> Activate Subsequent Account Assignments for Closing Operations**, enter the date for all affected company codes starting from which you want an enrichment to take place during the general ledger transfer and at the same time the subsequent account assignments should be taken into account for key date reports.
 - Migrate the balances of the reconciliation accounts to Contract Accounts Receivable and Payable. In doing so, set a dummy account assignment for the desired account assignment field (such as profit center).
3. Closing Operations
 - For the evaluation of open items for a key date, enter a name for the export of the transfer data for subsequent account assignments.
 - In addition to other adjustment postings (reclassification, aging), also enter the adjustment posting for the subsequent account assignments (on the SAP Easy Access screen under **Periodic Processing -> Closing Preparation -> Adjustments for Subsequent Account Assignment**).

Effects on Customizing

To add the initial account assignments to business partner items of the document, in Customizing for Contract Accounts Receivable and Payable, choose ***Program Enhancements -> Prepared Enhancements -> Add Fields for Subsequent Account Assignments***.

You activate adjustment postings for individual company codes in the activity **Define Settings for Subsequent Account Assignments** in Customizing for Contract Accounts Receivable and Payable, or under ***Integration -> General Ledger Accounting*** or ***Closing Operations***.

FICAX_CI_5: Integration with Sales and Distribution (New)**Use**

Previously, you could only use the interface between Sales and Distribution (SD) and Contract Accounts Receivable and Payable (FI-CA) in an integrated scenario in one client.

As of SAP Enhancement Package 7 for SAP ERP 6.0, you can also integrate Contract Accounts Receivable and Payable and Sales and Distribution even if you run both components in distributed systems. To do this, the following prerequisites must be fulfilled:

- o The customer must be defined with an identical key in both systems - as a customer in the SD system and as a business partner with a contract account in the FI-CA system.
- o Customizing for company codes, controlling areas, operating concerns, and billing types must match in the FI-CA and SD systems.
- o If you use multiple SD systems, you must use different number ranges for SD invoicing documents.

In a distributed scenario, create the SD order and SD billing document in the SD system. However, post the accounting document in Contract Accounts Receivable and Payable in the FI-CA system.

On the basis of the customer account group, the SD system decides whether to send an SD billing document to the FI-CA system. The decision is made by means of message condition records during billing. The information is transferred by IDoc to Contract Accounts Receivable and Payable.

Depending on the billing type, Contract Accounts Receivable and Payable posts:

- o Directly
- o After invoicing in Contract Accounts Receivable and Payable
- o Sample documents

If you reverse an SD billing document, the SD system also sends an IDoc to the FI-CA system.

If you have integrated Contract Accounts Receivable and Payable with Profitability Analysis (CO-PA), the SD system also sends the corresponding profitability segments to the FI-CA system.

Note the following:

- o From the SD billing document, a profitability segment is determined from the available characteristics combination. This profitability segment is unknown in the FI-CA system and must be converted there. To do this, you can also use an alternative characteristics combination with less granularity.
- o When you post a document directly in Contract Accounts Receivable and Payable, the SD system sends the corresponding profitability segment by IDoc to the FI-CA system and converts it to a local profitability segment there.
- o When you post by invoice trigger, the FI-CA system does not determine the converted profitability segment until invoicing in Contract Accounts Receivable and Payable.
- o When you post using a sample document, Contract Accounts Receivable and Payable determines the converted profitability segment when the sample

document is posted. In each case, the CO-PA document not posted until it is transferred to Profitability Analysis (CO-PA).

In the document flow of the SD billing document, you can see the current status. If the IDoc in Contract Accounts Receivable and Payable was not yet processed, the status of the outbound IDoc is displayed. All documents of Contract Accounts Receivable and Payable can be displayed directly from the document flow.

In document header messages, you can check the status of the outbound IDoc. In the event of errors, you can display error messages and trigger the distribution to Contract Accounts Receivable and Payable again.

You can monitor the distribution in the SAP Menu under: **Periodic Processing -> Reconciliation of Documents with Source Data -> Reconciliation with SD Billing Documents**. The program assigns FI-CA documents to SD billing documents and finds inconsistencies.

To find errors in IDoc inbound processing, you can use transaction **WE02**.

Effects on Customizing

You make system settings for SD integration for distributed systems in Customizing for Sales and Distribution in the system in which Sales and Distribution is running, and in Customizing for Contract Accounts Receivable and Payable in the system in which Contract Accounts Receivable and Payable is running:

- o Sales and Distribution
Define the account groups that are relevant for integration with Contract Accounts Receivable and Payable under: **Basic Functions -> Integration with Contract Accounts Receivable and Payable -> Specify Posting of Debtor Groups to Contract Accounts Receivable and Payable**.
- o Contract Accounts Receivable and Payable
Define and activate system connections under: **Integration -> Sales and Distribution -> Define Logical Systems for Distributed SD Systems**.

FICAX_CI_5: System Measurement (New)

Use

As of SAP enhancement package 7 for SAP ERP 6.0, you can determine the occurrences of incoming and outgoing payments in Contract Accounts Receivable and Payable. Depending on the industry solution you are using, the system determines the corresponding metric for the system measurement.

Effects on Customizing

Enter the industry solution you are using in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Specify Industry Instance of Contract Accounts Receivable and Payable** .

FICAX_CI_5: Outbound Interface for Postings to Business Partner (Changed)**Use**

Using the outbound interface, you transfer open and cleared items, as well as payments of a business partner, to an external system using an XI interface (for instance, for invoice creation).

As of SAP enhancement package 7 for SAP ERP 6.0, the data storage for the trigger entries has changed in the outbound interface for postings to the business partner.

Tables DFKK_TRIGX_OP, DFKK_TRIGX_CL, DFKK_TRIGX_PAY and DFKK_TRIGX_RCL replace tables DFKK_TRIGGER_OP, DFKK_TRIGGER_CL, DFKK_TRIGGER_PAY and DFKK_TRIGGER_RCL.

To prevent problems during parallel updates, the system writes a separate trigger entry for each triggering document. The mass run for the transfer (transaction FPOITR) considers all business partners, for which there is at least one trigger entry in table DFKK_TRIGX_OP with status **1 (Preselected for Transfer)**. Entries in the old trigger table DFKK_TRIGGER_OP that were not yet transferred are automatically moved to the new table DFKK_TRIGX_OP. The mass activity works primarily on the new trigger table DFKK_TRIGX_OP, however, it still also considers data in the old trigger tables DFKK_TRIGGER_CL, DFKK_TRIGGER_PAY and DFKK_TRIGGER_RCL that was not yet processed.

Unlike the previous procedure, the system no longer automatically deletes trigger entries 180 days after the transfer. The transfer is now separate from the deletion of triggers. You delete trigger entries using a mass run. On the SAP Easy Access screen, choose **Periodic Processing -> Delete Data -> Triggers for Outbound Interface**.

FICAX_CI_5: Connection to External Tax Calculation Systems (New)**Use***Calculation of Sales Tax in External Tax Systems for Documents from Invoicing*

For the calculation of sales tax in the U.S.A. and Canada, SAP offers an interface to external tax systems. This interface can be used to transfer the tax-relevant data by document. In Contract Accounts Receivable and Payable, this interface is serviced only by document item.

As of SAP enhancement package 7 for SAP ERP 6.0, you can now transfer the complete business partner items to the external tax system for documents that were created in invoicing. The corresponding industry function modules at event 1110 were enhanced for this.

Define the specifications for G/L account determination in Customizing.

Adding Fields in Document Items for the Calculation of U.S. Taxes

As of SAP enhancement package 7 for SAP ERP 6.0, you can use a prepared enhancement to activate additional fields that you need for calculating U.S. tax in business partner items and G/L items. The prepared enhancement encompasses the fields that are found in the interface of the external tax system for the calculation of U.S. tax, but are not contained in the document items in the standard system.

Write-off

In those cases where tax needs to be taken into account when documents are written off, up to now, the system recalculated this tax. However, for documents from invoicing, this would lead to differences in cases where the tax is calculated by document and a restriction was applied to the calculation of tax (maximum tax).

For these documents, when writing off, the system determines the tax proportionally using the relationship of the amount being written off to the original total amount.

Updating of External Tax Systems

In order to meet the legal requirements for reporting of sales tax in the U.S.A. and Canada, Contract Accounts Receivable and Payable updates the tax data in an external tax system.

Until now, Contract Accounts Receivable and Payable only supported the interface for updating tax data by document item. As of SAP enhancement package 7 for SAP ERP 6.0, Contract Accounts Receivable and Payable now also supports the interface for updating tax data in an external tax system document-by-document.

In Customizing, you decide for each calculation procedure if you want to update tax in an external tax system by document item or by document.

If you calculate the tax in invoicing for each document, and then write off these documents, the system no longer performs a control calculation when the write-off documents are updated, and an update is always forced for these documents.

For documents where the tax items add up to zero (for example through offsetting receivables and credit memos), there is also no control calculation when the document is updated, and the update is also forced.

Effects on Customizing*Updating of External Tax Systems*

Specify how the external tax system should be updated. In Customizing for Contract

Accounts Receivable and Payable, choose **Basic Functions -> Particular Aspects of Taxation Procedure -> Specify Interface for Updating Taxes in External System.**

Calculation of Sales Tax in External Tax Systems for Documents from Invoicing

Set the **Maintain Central Settings for Posting** indicator in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Postings and Documents -> Basic Settings -> Maintain Central Settings for Posting.**

Make the settings for determining the G/L account for the tax posting in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Particular Aspects of Taxation Procedure -> Make Specifications for Account Assignment for Externally Calculated Tax.**

Adding Fields in Document Items for the Calculation of U.S. Taxes

To add additional fields, run the report in Customizing for Contract Accounts Receivable and Payable under **Program Enhancements -> Prepared Enhancements -> Include Additional Fields for U.S. Tax Calculation in Line Items.**

FICAX_CI_5: Tax Calculation (New)

Use

As of SAP enhancement package 7 for SAP ERP 6.0, you can suppress **optimized calculation of tax amounts in Contract Accounts Receivable and Payable**.

Effects on Customizing

Set the **Deactivate Optimized Tax Calculation** indicator in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Postings and Documents -> Basic Settings -> Maintain Central Settings for Posting**.

FICAX_CI_5: Special Periods

Use

As of enhancement package 7 for SAP 6.0 (Improvement Note 1738626), you can enter the special period in requests and FI-CA documents that should be posted later during the transfer to the general ledger.

If you have the necessary authorization (activity 140 for authorization object F_KK_SOND), you can enter the special period you want at document header level in requests and FI-CA documents.

Since FI-CA documents can post across company codes, it can be the case that the requested special period (from the document header) is not open in all posted company codes for the document. A check for this at item level therefore only results in a warning message. The system issues an error message only if the special period is not open in any document item.

For postings from other transactions, such as reports or mass activities, you define a default special period, dependent on the posting date, that the system then automatically enters in the document header. In this way, for example, you can prevent the posting period of the clearing document for automatic clearing (FP06 or FPMA) from being earlier than the posting period of the document to be cleared.

This default special period is also proposed as the default special period for manual postings (FPE1/FKKORD1). If you have the necessary authorization, you can overwrite the default special period manually; or you can delete it, if you want to post without a special period. Following a change to the proposed posting date, the system automatically proposes the possibly new default special period that results from the change (unless you manually changed the special period at the same time you changed the posting date). This enables you to check if you really want the entered posting date and the special period.

During the transfer to the general ledger, it can be the case that the special period stored in the document header or totals record is not open in all company codes. Then, dependent on the company code, you can enter an alternative special period in Customizing for the transfer to the general ledger. This setting is only necessary for cross-company-code postings in company codes with different fiscal year variants.

If none of the defined special periods is still open during the transfer to the general ledger, you can enter an alternative special period for the transfer to the general ledger that is dependent on the company code and the requested special period.

However, if none of the possible special periods is open or you do not want to open one, you can still (as before) transfer the totals record by entering a different posting date.

For automatic postings (transactions for which it is not possible to enter a special period), you can also use event 0062 to change the default special period that was determined from the Current Settings, based on any document data (such as the document origin from the document header).

In the document display (FPE2/FPE3), the special period from the document header can also be displayed on line level. Define a corresponding line layout variant for this, where you take into account the possible redetermination of the special period for each company code (through table TFK001W). That means that you display the special period, in which the transfer to the general ledger is to be posted.

You activate the use of special periods in Customizing.

You enter default special periods for the posting date on the SAP Easy Access screen

under **Settings -> Current Settings -> Special Periods -> Specify Default Special Periods**.

You specify alternative special periods for each company code for the transfer to the general ledger on the SAP Easy Access screen under: **Settings -> Current Settings -> Special Periods -> Define New Determination for Each Company Code**.

You specify the alternative special period to be used for the transfer to the general ledger if the special period is closed, on the SAP Easy Access screen under: **Settings -> Current Settings -> Special Periods -> Define Different Special Period for Transfer**.

Effects on Customizing

Activate the use of special periods by setting the **Special Period** indicator in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Postings and Documents -> Basic Settings -> Maintain Central Posting Settings**.

FICAX_CI_5: Locks (R082 / R019)

Use

As of Enhancement Package 7 for SAP ERP 6.0 (Improvement Note 1738630), you can create information for a comment on processing locks (such as the reason for setting the lock) and so make the content easier to process later.

You create the comment for the lock when you create the lock. If you change a lock, you can change the comment. The system logs changes in the history.

When evaluating locks in the SAP Menu under: **Periodic Processing -> for Contract Accounts -> Evaluation of Processing Locks**, you can use the field to make a selection and make comments.

Effects on Customizing

Activate the comment field using a prepared enhancement in Customizing for Contract Accounts Receivable and Payable under **Program Enhancements -> Prepared Enhancements -> Add Comment Field to Lock**.

FICAX_CI_5: Contract in Histories (R057)**Use**

As of SAP Enhancement Package 7 for SAP ERP 6.00 (Improvement Note 1738631), you can also select by contract in various evaluations and histories.

Write-Off History

Using a prepared enhancement (report RFKK_ENH_VTREF), you can add contract fields to the table of the write-off history. If the written-off item was posted to a contract, the system saves new entries in the write-off history with this contract data.

The initial screen for selecting the returns history now offers selection by contract. In the SAP Menu, under: **Changeovers in Live System -> Set Contract in Write-Off History**, you can enter the contract data history in existing entries and so enable selection by contract for older entries too.

Collection Items

When selecting collection items, the contract is offered as a new selection field.

Payment Search

The search for user-initiated payments (transaction FP31) now offers selection by business partner, contract account, and contract. You can choose whether these selections apply to the payment header data (who is paying) or also to the payment item data (whose items are paid).

Returns History

The returns history now offers selection by contract.

Receivables Adjustments and Doubtful Entries

You can use a prepared enhancement (report RFKK_ENH_VTREF) to include contract fields in the tables for receivables adjustments. If the line item was posted to a contract, the system saves new entries for receivables adjustment with this contract data.

The transaction for transfer postings (FPRV) now offers selection by contract, as does the evaluation report for displaying adjusted receivables (FPRA).

In the SAP Menu, under: **Changeovers in Live System -> Set Contract in Adjusted Receivables**, you can enter the contract data in existing entries in the tables for adjusted receivables and so enable selection by contract for older entries too.

Effects on Customizing

You activate selection by contract for the write-off history and receivable adjustments by using a prepared enhancement in Customizing for Contract Accounts Receivable and Payable under: **Program Enhancements -> Prepared Enhancements -> Add Contract to Write-Off History and Receivable Adjustment**.

FICAX_CI_5: Enhancements in Transaction FPE2M (R067)**Use**

As of SAP Enhancement Package 7 for SAP ERP 6.00, when using the mass change function for documents, you can enter new values for the document items to be changed in a new, single-column table. This table is displayed above the table of document items. Both tables have the same layout. The columns that are ready for input in the table of document items are also ready in the table in which you enter the new values.

In the new table, you can also select fields whose values you want to delete in selected rows of the document item table. To do so, you select the corresponding columns in the new table and initialize the field. During the transfer of new (non-initial) values, the values are deleted when you choose the **Copy New Values** pushbutton.

Effects on Customizing

In the **Mass Document Change** transaction, to offer the option to enter new values in a single-row table with the layout of the table of document items, select the **Enhanced Mass Change** checkbox in Customizing for Contract Accounts Receivable and Payable under **Basic Functions -> Postings and Documents -> Basic Settings -> Maintain Central Settings for Posting**.

FICAX_CI_5: Enhancements in Transaction FPLKA (R047)

Use

As of SAP Enhancement Package 7 for SAP ERP 6.0, you can use the **Only Locks for Open Items** checkbox in **Evaluate Processing Locks** (transaction FPLKA). This causes the program not to select and issue locks for cleared documents.

Note that determination of the clearing status of line items can have a negative effect on program runtime.

FICAX_CI_5: Clarification Note for Incoming Payment Clarification (R061)

Use

As of SAP Enhancement Package 7 for SAP ERP 6.0, during clarification of incoming payments from payment lots, a symbol in the new column **Clarif. Note Available** indicates whether a clarification note was created for the given clarification case. The tooltip for the symbol displays the first line of the clarification note.

In the details of a clarification case, the same symbol on the **Clarification Note** tab also indicates a clarification note is available.

As an alternative or in addition to the above, you can have the system show a text column **Clarification Note (1st Line)** in the ALV list. The column then contains the first line of the clarification note. You can use this column to sort the list, for example.

To have the list of clarification cases indicate when there is a clarification note, in the detail display of the clarification case in the SAP Menu under: **Settings -> User Settings**, set the corresponding indicator in the **Settings for Clarification Processing** dialog box.

FICAX_CI_5: Foreign Trade Declarations (New)

Use

As of SAP enhancement package 7 for SAP ERP 6.0, you can, as part of creating foreign trade declarations, format the reporting data in accordance with the regulations of your country, and store the data in a local file that you can transfer to the responsible authority.

You can format the reporting data in the new event 1982 in the format required by the responsible authority. In the transaction for displaying the reporting data (on the SAP Easy Access screen under **Periodic Processing -> Data for Externals -> Tax Authorities -> Display Transactions for German Foreign Trade Declarations**), you can enter a file path and a prefix that the program uses to create the file name.

For Germany, we provide function module FKK_EVENT_1982_Z4_CSV for exporting the reporting data for form Z4 in CSV format. You enter this function module at event 1982 as an installation-specific module.

FICAX_CI_5: Documentation of DataSources (Changed)

Use

Until now, the documentation of DataSources of Contract Accounts Receivable and Payable was delivered with the documentation for BI Content.

As of the following BI Content releases, the documentation of DataSources of Contract Accounts Receivable and Payable is no longer delivered with the BI Content documentation:

- o SAP NetWeaver 7.03 & 7.31 BI Content Add-On 7.47
- o SAP NetWeaver 7.3 BI Content Add-On 7.37
- o SAP NetWeaver 7.0 including EHP 1&2 BI Content Add-On 7.07

Instead, as of enhancement package 7 for SAP ERP 6.0, the documentation of these DataSources is part of the application help for Contract Accounts Receivable and Payable. The documentation can be found there under **Information System**.

FICAX_CI_5: Display Last Used Objects (New)

Use

As of SAP Enhancement Package 7 for SAP ERP 6.0, SP 02, the following functions are available if you use HANA as a database:

In the initial menu for display and change transactions, there is the new **Last Used** transaction for the following objects of contract accounts receivable and payable:

- o Contract Account
- o Provider Contract
- o Partner Agreement
- o Master Agreement
- o Document

If you select this function, the system displays the most recent 50 objects that you displayed or changed.

For contract accounts, you can also see the most recent 50 accounts to which you posted.

You can also use the corresponding search help for the objects to display the most recent objects.

Special Features

In the search help, the number of objects is also restricted to 50 even if you want a larger number of hits.

For documents, no documents from mass processes (such as the invoicing run or payment run) are taken into account, but only documents that were posted individually. Documents that were posted before this function became available in the Support Package do not appear in the list of the most recent 50 documents. However, document changes are taken into account for all types of documents.

Other Database Systems

You can use event 0899 to activate the function, even if you use other database systems. However, to do this you must create more database indexes, otherwise this could lead to extremely long runtimes. For this reason, pay particular attention to the notes in the documentation for event **0899**.

FICAX_CI_5: Performance Optimization (New)**Use**

As of SAP Enhancement Package 7 for SAP ERP 6.0, SP 02, you can improve the performance of numerous processes in contract accounts receivable and payable. You do this by activating optimizations to database access in Customizing, particularly for column-oriented main memory databases. The following optimizations are available:

Optimization ID	Name
0001	Payment Lot: Processing Block Size
0002	Payment Lot: Read Data by Block
0010	Payment Run: Mass Selection of Business Partners
0011	Payment Run: Mass Selection of IBANs
0012	Payment Run: Processing Block Size
0020	Selection of Open Items: Optimization of Field Lists
0030	Dunning Proposal Run: Mass Selection of Dunning History
0031	Dunning Proposal Run: Mass Selection of Contract Accounts
0032	Dunning Proposal Run: Read Open Items with Field List
0035	Dunning Activity Run: Mass Selection of Contract Accounts
0036	Dunning Activity Run: Mass Selection of Business Partners
0040	Printing Correspondence Buffer Description for DDIC Objects
0041	Printing Correspondence Masse Selection of Business Partners and Correspondence
0042	Printing of Dunning Notice: Mass Selection
0043	Printing Correspondence Buffer Application Form
0050	Open Items: Mass Selection of Clearing History

0060	Clearing Processes: Alternative
Update Procedure	
0070	CO-PA Transfer: Change Commit
Control	
0071	Check Main Ledger Documents:
Convert to Block Processing	
0072	Check Totals Records: Convert to
Block Processing	
0080	Mass Write-Off: Conversion Routine
0081	Mass Write-Off: Buffer Data
0085	Interest Run: Buffer Data
0086	Interest Run: Mass Selection of
Locks	
0550	FKKINV_MA: Mass Selection of
Business Partners	
0580	FKKINV_MA: Asynchronous Update
of Totals Records	

For the Insurance industry-specific component, you can also activate the following optimizations:

Optimization ID	Name
V010	Payment Run: Mass Selection of
Insurance Objects	
V020	FSCD: Debit Position Preselection
V030	FSCD: Payment Plan Interface -
Read Insurance Object	

For the Utilities industry-specific component, you can also activate the optimization with the optimization ID **R001** (IS-U Account Balance: Mass Selection of Document Headers).

For the Telecommunications industry-specific component, you can also activate the optimization with the optimization ID **T001** (IS-T Account Balance: Mass Selection of Document Headers).

Note

You can activate and deactivate the optimizations above, singly and independently of each other.

The efficiency of the optimizations depends very much on the data structure present in your system and the installation-specific characteristic value of the respective available events. For this reason, check and test the optimizations before you use them in an active system.

Effects on Customizing

You activate the optimizations for database accesses in Customizing for Contract Accounts Receivable and Payable under **Technical Settings -> Activate Optimizations for Database Access**.

FICAX_CI_5: Sidepanel for Contract Accounts Receivable and Payable (New)

Use

As of **SAP Business Suite Foundation 7.31** (SAP_BS_FND 731), the **Sidepanel für Business Suite** (ERP_CA_SIDE_PANEL) Business Function is available.

If you activate this Business Function, you can display context-sensitive additional information for existing SAP GUI applications in individual screen areas of a sidepanel.

If this Business Function is active, as of SAP Enhancement Package 7 for SAP ERP 6.0, SP 02, you can use the sidepanel in contract accounts receivable and payable in transactions for changing contract accounts (CAA2), credit clearing (FPCRPO), and displaying the account balance (FPL9), for example.

For a comprehensive overview of all transactions in which you can use the sidepanel in contract accounts receivable and payable, see SAP Menu under **Tools -> Administration -> User Maintenance -> Role Administration -> Roles** (PFCG). Display the SAP_BSSP_FI_CO_FSCM role there. The **Menu** tab page, under Contract Accounts Receivable and Payable, displays in the hierarchy an overview of all transactions that can use sidepanels.

For more information, see: **ERP_CA_SIDE_PANEL: Sidepanel for Business Suite (New)**.

FICAX_CI_5: Expiring Currencies (New)

Use

As of SAP Enhancement Package 7 for SAP ERP 6.0, SP 03, functions are available in the document display and account balance that display the transaction currency amounts of the document items in the successor currency in the case of expiring currencies.

Conversion to the successor currency takes place for the following:

- o Business partner items
- o Main ledger items

Clearing amounts for cleared amounts in the document display are converted if a successor currency has been defined for the clearing currency.

This function is active if you specify an alternative currency (successor currency) from a specific date in Customizing for Contract Accounts Receivable and Payable for the **Document Display** and **Account Balance** processes. The comparison value for this date is the current date.

It is also possible to show a selection box with which you can switch this conversion on or off by setting the SPA/GPA **8XC** parameter in the initial screens of the document display and the account balance.

If the parameter in the user master data is included with the value SPACE, this means that the checkbox becomes visible and is not selected by default.

If the parameter in the user master data is included with the value "X", this means that the checkbox becomes visible and is selected by default.

If you deselect the indicator, you can still display the document amounts in the posted original currency.

Special Features

The **Display-> Change** function is inactive if the amounts are displayed in the alternative successor currency.

To change documents, use the **Change Document** transaction.

Effects on Customizing

To display transaction currency amounts of document items in the successor currency in the account balance and document display screens, specify the successor currency as an alternative currency in Customizing for contract accounts receivable and payable under **Business Transactions-> Define Alternative Currencies** for the **company code group <SPACE>**.

FICAX_CI_5: Performance Optimization (New)**Use**

As of SAP enhancement package 7 for SAP ERP 6.0, SP 03, you can improve the performance of numerous processes in Contract Accounts Receivable and Payable. You do this by activating optimizations to database access in Customizing, particularly for column-oriented main memory databases. The following optimizations are available:

Optimization ID	Name
0004	Evaluation of Cash Journal
0073	Check CO-PA Document: Change of
Data Selection	
0079	Release for Collection (FP03M):
Change of Commit Control	
0082	Release for Collection (FP03M):
Reading of Data by Blocks	
0083	FP03DM: Optimization of
Submission to Collection Agencies	
0084	FPCI: Optimization of Information for
Collection Agencies	
0087	Optimization for Classic Revenue
Distribution (FP60M)	
0088	Optimization for Enhanced Revenue
Distribution (FP60M)	
0089	Optimization for Posting Distribution
	Documents (FP60PM) -
	Classic
0090	Optimization for Posting Distribution
	Documents (FP60PM) -
	Enhanced
0095	Requests: Buffer Data
0100	Credit Clarification: Create Credit List

For the industry component Insurance, you can also activate the following optimizations:

Optimization ID	Name
V015	FSCD Invoices: Mass Selection of
Broker Relationships	
V040	FSCD Dunning Proposal Run: Mass
Selection of Insurance	

V041

Objects

FSCD Dunning Proposal Run: Mass

Selection of Broker

Relationships

V045

FSCD Dunning Activity Run:

Postread of Dunned Items

For the Utilities industry component, you can also activate the optimization with the optimization ID **R002** (Event 0020: Optimized SELECT of DISCNO from FKKMAZE).

For the industry component Public Sector, you can also activate the optimization with the optimization ID **P001** (Transfer of Billing Documents: Buffer Data).

Note

You can activate and deactivate the optimizations above singly and independently of each other.

The efficiency of the optimizations depends very much on the data structure present in your system and your installation-specific definitions of the available events. For this reason, check and test the optimizations before you use them in a live system.

Effects on Customizing

You activate the optimizations for database accesses in Customizing for Contract Accounts Receivable and Payable under **Technical Settings -> Activate Optimizations for Database Access**.