

CO Controlling

SAP ERP Central Component Release 6.0

Release Notes



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5	CO Controlling	1
5.1	Connection of Objects to a Search Engine (New)	1
5.2	CO-OM Overhead Cost Controlling	2
5.2.1	Reconciliation Tool and New Data Provider for Controlling Data (new)	2
5.2.2	Reconciliation Tool and New Data Provider for Grants Management (new)	3
5.2.3	Check of plan line items for cost element planning (new)	4
5.2.4	CO-OM-OPA Overhead Cost Orders	4
5.2.4.1	CO-OM-OPA-PL Order Planning	4
5.2.4.1.1	Check of plan line items for cost element planning (new)	4
5.2.4.1.2	CO-OM-OPA-PL-MA Manual Order Planning	5
5.2.4.1.2.1	Easy Cost Planning (Enhanced)	5
5.3	CO-PC Product Cost Controlling	5
5.3.1	CO-PC-PCP Product Cost Planning	5
5.3.1.1	Easy Cost Planning (Enhanced)	6
5.4	CO-PA Profitability Analysis	6
5.4.1	Archiving Objects for Costing-Based Profitability Analysis (new)	6

5 CO Controlling

5.1 Connection of Objects to a Search Engine (New)

Use

As of *SAP ECC 6.0*, *SAP_APPL 600*, you can use enhanced search functionality for a range of master data. This includes a quick search and an advanced search. To implement this, the affected objects are connected to TREX, SAP's search engine.

- In the **quick search** you enter a search term. An object is found if the word occurs in the object, regardless of which field of the object the word occurs in. The search also includes texts that are assigned to the object.
- The **advanced search** is the same as the quick search, but offers some additional fields (attributes) on the selection screen, which you can use to filter the hit list according to your requirements.

The search is not case sensitive. The search term "SEARCH" finds the same hits as the term "search". Both terms also find "Search" and "seaRCh". You can activate fuzzy search for both searches. If fuzzy search is active, similar terms are also found, for example, typing errors that have been created in the system. If you enter "Search" and activate fuzzy search, the system also finds the term "Saerch".

Starting the search

1. Call an object for which the search engine service is already active (for example, functional location).
2. On the initial screen, choose the possible entries for the object, then you see the matchcode selection.

When the search engine service is active, you see two new matchcodes, in this case:

- Quick Search of Functional Location via Search Engine
- Advanced Search of Functional Location via Search Engine

Effects on System Administration

In transaction *COM_SE_ADMIN* you can display a list of existing indexes for objects. In other words, you see the objects for which the search engine service has already been activated.

To display all the other objects for which the search engine service is available and can be activated, choose *Index -> Create/Activate Indexes*.

Note that the search engine service **cannot** search some fields in some accounting objects. For information about the objects and fields that are affected, see SAP Note 853064.

Effects on Customizing

Make the settings in Customizing under *SAP NetWeaver -> Application Server -> System Administration -> Search Engine Service*.

See also

For more information, see SAP Library under SAP Search Engine TREX.

5.2 CO-OM Overhead Cost Controlling

5.2.1 Reconciliation Tool and New Data Provider for Controlling Data (new)

Use

As of *SAP ECC Enterprise Extension Public Sector Management 6.0 (EA-PS 600)*, the reconciliation function, formerly used only for Federal Government (US), is available for Public Sector Management in general. This enables you to compare values between two components to ensure that they match.

- You define reconciliation rules, as equations with operands.
- Regular reconciliations can be scheduled in batch processing.
- Drilldown and item matching features are available to help you identify and analyze items that do not match.

The relevant reports can be found in the Functions for the US Federal Government menu (PSM-FG) under *Information System -> Reconciliation*:

- Reconciliation Analysis Report (RFMFGRCN_RP1)
You use this report to reconcile balances.
- Reconciliation Rules Check (RFMFGRCN_RP2)
You use this report to evaluate rules per specified default breakdown fields and to determine whether any nodes are out of balance.

Controlling Data Provider for Reconciliation Tool

The new data provider can be used to create data slices operating on Controlling data (actuals and commitments). It is now possible to reconcile controlling data with slices using existing data providers (such as FI - Financials, L95 - Budgetary Ledger for US Federal, FMA - Funds Management, ...).

Effects on Existing Data

If you use the field *Company code* as a dimension in the reconciliation (for example, as a slice selection criterion), you have to run the report FCOM_TOTALS_ENHANCE (*CO Totals Records (COSS & COSP): Add Redundant Fields*).

Effects on Customizing

Customizing comprises the following steps, which appear in the Implementation Guide (IMG) under *Public Sector Management -> Basic Settings -> Reconciliation*:

- Define Reconciliation Data Slice

- Define Reconciliation Rule

You must create new data slices if you want to use the new data provider.

5.2.2 Reconciliation Tool and New Data Provider for Grants Management (new)

Use

As of *SAP ECC Enterprise Extension Public Sector Management 6.0 (EA-PS 600)*, the reconciliation function, formerly used only for Federal Government (US), is available for Public Sector Management in general. This enables you to compare values between two components to ensure that they match.

- You define reconciliation rules, as equations with operands.
- Regular reconciliations can be scheduled in batch processing.
- Drilldown and item matching features are available to help you identify and analyze items that do not match.

The relevant reports can be found in the Grants Management (PSM-GM) menu under *Information System -> Reconciliation*:

- Reconciliation Analysis Report (RFMFGRCN_RP1)
You use this report to reconcile balances.
- Reconciliation Rules Check (RFMFGRCN_RP2)
You use this report to evaluate rules per specified default breakdown fields and to determine whether any nodes are out of balance.

New Data Provider for Reconciliation Tool

The new data provider can be used to create data slices operating on GM data (actuals and commitments). It is now possible to reconcile GM data with slices using existing data providers such as FI - Financials, L95 - Budgetary Ledger for US Federal , FMA - Funds Management, and so on.

Effects on Existing Data

The new data provider can be applied to existing GM data.

Effects on Data Transfer

Not relevant.

Effects on Customizing

Customizing comprises the following steps, which appear in the Implementation Guide (IMG) under *Public Sector Management -> Basic Settings -> Reconciliation*:

- Define Reconciliation Data Slice
- Define Reconciliation Rule

You must create new data slices if you want to use the new data provider.

5.2.3 Check of plan line items for cost element planning (new)

Use

As of *SAP ECC 6.0 (SAP_APPL 600)* you can check the data to be posted within the planning of costs and revenues (CO-OM) using your own checks. To do this you use the *BAdI: CO-OM Check plan line items (CO_OM_PLAN_ITEM_CHECK.)* of the enhancement spot CO_OM_PLANNING.

The BAdI is called up both in manual planning and when you use function group KIPL and the related BAPIs. For additional information, see Documentation for the BAdIs.

Within Funds Management, the following scenario serves as an example: The planning of investment revenues (general and specific returns, contributions and revenues from the sale of fixed assets) is carried out using the transaction *Planning Cost Elements/Activity Inputs Change: Initial Screen (CJR2)*. The revenues are planned as negative costs, meaning planned with a minus sign. Formerly you were not able to check whether you could actually plan using a minus sign for the relevant cost elements. You can now implement such a check using the BAdI.

5.2.4 CO-OM-OPA Overhead Cost Orders

5.2.4.1 CO-OM-OPA-PL Order Planning

5.2.4.1.1 Check of plan line items for cost element planning (new)

Use

As of *SAP ECC 6.0 (SAP_APPL 600)* you can check the data to be posted within the planning of costs and revenues (CO-OM) using your own checks. To do this you use the *BAdI: CO-OM Check plan line items (CO_OM_PLAN_ITEM_CHECK.)* of the enhancement spot CO_OM_PLANNING.

The BAdI is called up both in manual planning and when you use function group KIPL and the related BAPIs. For additional information, see Documentation for the BAdIs.

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to check whether you could actually plan using a minus sign for the relevant cost elements. You can now implement such a check using the BAdI.

5.2.4.1.2 CO-OM-OPA-PL-MA Manual Order Planning

5.2.4.1.2.1 Easy Cost Planning (Enhanced)

Use

SAP ECC 6.00 (SAP_APPL 600) introduces the following new functions in Easy Cost Planning:

- **Aggregated Items**
Aggregated items summarize the values of items at lower levels. You can use the aggregated items in formulas.
- **Archiving**
You can now archive ad hoc cost estimates.

Effects on System Administration

To archive ad hoc cost estimates, start transaction SARA with the archiving object CO_ECP.

Effects on Customizing

To be able to use aggregated items, you need to have carried out the following IMG activities:

Define Formula Element

Define Pricing Key

See also

For more information on aggregated items, refer to the SAP Library, for example under *Project System (PS) -> Costs -> Cost Planning -> Easy Cost Planning and Execution Services -> Editing Costing Models and Assigning Attributes -> Defining Derivation Rules -> Aggregated Item.*

5.3 CO-PC Product Cost Controlling

5.3.1 CO-PC-PCP Product Cost Planning

5.3.1.1 Easy Cost Planning (Enhanced)

Use

SAP ECC 6.00 (SAP_APPL 600) introduces the following new functions in Easy Cost Planning:

- **Aggregated Items**
Aggregated items summarize the values of items at lower levels. You can use the aggregated items in formulas.
- **Archiving**
You can now archive ad hoc cost estimates.

Effects on System Administration

To archive ad hoc cost estimates, start transaction SARA with the archiving object CO_ECP.

Effects on Customizing

To be able to use aggregated items, you need to have carried out the following IMG activities:

Define Formula Element

Define Pricing Key

See also

For more information on aggregated items, refer to the SAP Library, for example under *Project System (PS) -> Costs -> Cost Planning -> Easy Cost Planning and Execution Services -> Editing Costing Models and Assigning Attributes -> Defining Derivation Rules -> Aggregated Item*.

5.4 CO-PA Profitability Analysis

5.4.1 Archiving Objects for Costing-Based Profitability Analysis (new)

Use

From SAP ECC 6.0, SAP_APPL 600, new archiving objects are available in *Profitability Analysis (CO-PA)*.

In costing-based Profitability Analysis, the old archiving object COPA1_xxxx is replaced by the following new archiving objects (xxxx stands for the name of the operating concern):

- **COPAA_XXXX** for archiving CO-PA line items (actual and plan) as well as reference documents for ALE distribution (tables CE1XXXX, CE2XXXX, CEALE01)
- **COPAB_XXXX** for archiving the CO-PA segment level (table CE3XXXX)
- **COPAC_XXXX** for archiving CO-PA profitability segments (tables CE4XXXX, CE4XXXX_ACCT, and CE4XXXX_FLAG)

Furthermore, you can use the new IMG activity Prepare Archiving for the archiving objects COPAA_XXXX and COPAB_XXXX. This gives you subsequent access options and allows the setting for selecting the CO-PA line items to be made flexibly. For more information, see the documentation on the IMG activity.

Effects on Existing Data

You can continue to use the archiving object COPA1_XXXX used previously and you do not have to migrate any old data. However, we recommend using the new archiving objects for archiving from now.