SAP Profit Center
Accounting
Configuration

SAP R/3 ENTERPRISE ECC6

Published by Team of SAP Consultants at SAPTOPJOBS

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1. INTRODUCTION

The main aim of Profit center accounting is to determine profit for internal areas of responsibility. Further by assigning balance sheet items (Fixed assets, Receivables and Payables, Stocks) to profit centers, we can also analyze our company’s fixed asset by profit center. Profit centers can be set up according to product lines, geographical factors (region, offices or production sites) or function (production, sales).

We can divide our business into profit centers by assigning the profit centers to the various master data (materials, cost centers, orders, projects, Sales orders, assets, cost objects and profitability segments). Every profit center is assigned to the organizational unit controlling area.

In our scenario we have already configured controlling area 1100 in e-book ‘Controlling configuration’. In the controlling area settings for 1100 we have switched on the component profit center active. A group which is a fast growing group intends to have profit center based on product lines. We therefore create profit center based on the product lines.

Let us now proceed with the configuration of the profit center module.
2. Basic Settings

For doing the configuration we use the following path on the SAP application screen:

**Menu Path**

SAP Menu → Tools → Accelerated SAP → Customizing → SPRO – Edit Project

Configuration for all the modules will be done here. The above path will not be referred henceforth; we will directly refer to the IMG node.
2.1 Maintain controlling area settings

Menu Path

IMG ➔ Controlling ➔ Profit Center Accounting ➔ Basic Settings ➔ Controlling Area Settings ➔ Maintain Controlling Area Settings

Update the following

Change View "EC-PCA: Controlling Area Settings": Overview
The Dummy profit center will be updated, once we create the dummy profit center.

We have switched on the elimination of internal business which ensures that transaction data between two objects of the same type that are assigned to the same profit center (such as two cost centers or two orders) is not updated in Profit Center Accounting.

Since material ledger is active for the A Grp, we select the valuation view profit center valuation. If the material ledger is not active we need to select Legal valuation.

ALE distribution method – We have selected no distribution to other systems since we do not want to transfer data from one system to another. In case we want to transfer master data from one system to another (development to quality and production system) we need to select another setting.

Click on Save
2.2 Create Dummy Profit Center

**Menu Path**

IMG → Controlling → Profit Center Accounting → Master Data → Profit Center → Create Dummy Profit Center

Perform the activities in the specified sequence.

Double click **EC-PCA: Create Dummy Profit Center**

Update the following: -
Create Dummy Profit Center: Initial Screen

**Basic Data**

| Dummy profit center | DUMMY |

Create Dummy Profit Center: Basic Screen

**Breakdown**

<table>
<thead>
<tr>
<th>Profit center</th>
<th>DUMMY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controlling area</td>
<td>1100</td>
</tr>
<tr>
<td>ABC LTD Controlling Area</td>
<td></td>
</tr>
<tr>
<td>Valid from</td>
<td>01.01.1956 to 31.12.9999</td>
</tr>
</tbody>
</table>

**Texts**

<table>
<thead>
<tr>
<th>Name</th>
<th>Dummy Profit Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Dummy Profit Center</td>
</tr>
</tbody>
</table>

**Basic Data**

<table>
<thead>
<tr>
<th>Person Responsible</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
<td></td>
</tr>
<tr>
<td>Profit Center Group</td>
<td>P9100</td>
</tr>
<tr>
<td>Segment</td>
<td></td>
</tr>
<tr>
<td>ABC LTD Controlling Area</td>
<td></td>
</tr>
</tbody>
</table>
Create Dummy Profit Center: Indicators

<table>
<thead>
<tr>
<th>Profit center</th>
<th>DUMMY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controlling area</td>
<td>1166</td>
</tr>
<tr>
<td>ABC LTD Controlling Area</td>
<td></td>
</tr>
<tr>
<td>Valid from</td>
<td>31.01.1998</td>
</tr>
<tr>
<td>to</td>
<td>31.12.9999</td>
</tr>
</tbody>
</table>

- Dummy profit center
- Lock indicator

Click ![Click](image)
2.3 Set Control Parameters for Actual Data

**Menu Path**

IMG → Controlling → Profit Center Accounting → Basic Settings → Controlling Area Settings → Activate Direct Postings → Set Control Parameters for Actual Data

Click **New Entries** and update the following

We want online line item transfer to the Profit center accounting module, therefore we make the following settings.
New Entries: Overview of Added Entries

Controlling Area: 1108  
ABC LTD Controlling Area

<table>
<thead>
<tr>
<th>From year</th>
<th>Locked</th>
<th>Line items</th>
<th>Online transfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Click 🗂
2.4 Maintain Plan Versions

Menu Path

IMG → Controlling → Profit Center Accounting → Basic Settings → Controlling Area Settings → Activate Direct Postings → Plan Versions → Maintain Plan Versions

Select the controlling area by clicking Extras → Set controlling area

Update 1100 as the controlling area.

Select version 0 Plan/Actual version

Double click and update the following:

Ex. Rt. Type P ± Std. translation for cost planning
You can consider even M (Std. translation at average rate)

Then maintain the control indicators for each fiscal year.

If the lock indicator is selected, the plan version is locked. This means that the plan data for that year cannot be changed. This flag lets you protect plan data from being changed once it is in its final form. If the indicator is not selected, the plan version can be changed. If necessary, we can remove the tick and then make our changes.

The flag online data transfer determines whether postings are transferred to Profit Center Accounting simultaneously with original activity. If the indicator is not selected, we need to transfer the postings manually by fiscal year using the plan data transfer function.

The Line items flag controls whether plan line items are created when you change plan data. The line items document every change made to a plan.

With the exchange rate type, we determine which rate - such as the average rate or bank-selling rate - should be used to translate the plan data in that version. If we do not put a value date, the values will be translated using the exchange rate valid on the first day of the month. With a value date, you can set a date to be used for the translation.

Click 🗂️
2.5 Allow Balances to be Carried Forward

**Menu Path**

IMG → Controlling → Profit Center Accounting → Basic Settings → Balance Carry forward → Allow Balances to Be Carried Forward

**PCA: Allow Balance Carried Forward**

- Carryforward allowed
- Carryforward not allowed

Select Carryforward allowed and click button
3. Master Data

3.1 Maintain Standard Hierarchy

IMG → Controlling → Profit center accounting → Master Data → Profit Center → Maintain Standard Hierarchy

**Menu Path**

Position cursor on P9100 and click on 🖇️ Lower Level

Update the following

Click on 🖇️ Same Level
Update the following

Similarly update for other profit center groups such as power, telecommunication, information technology and corporate, which will look as shown below
Change Standard Hierarchy (Profit Center Group): Structure

Click
3.2 Create profit center menu path change

**Menu Path**

SAP Menu → Accounting → Controlling → Profit Center
Accounting → Master data → Profit Center → Individual Processing → KE51 Created

Update the following

![Create Profit Center screenshot](image)

- **Profit Center**: 1100
- **Copy from**
  - **Profit Center**: (blank)
  - **CO Area**: 1100
Since the company code is already attached with the controlling area, when creating the profit center, it is automatically gets assigned to the right company code.

You can remove the assignment of any particular company if you do not want the company to post to the profit center. For e.g. company code 9200 is not into ethylene manufacture or sale, it is only into Polylolefins. In that case you should uncheck company 9200 from the profit center 1100.

In this documents, one company code is attached to one controlling area.
Only for your reference it is shown how to remove the company code assignment

Remove the tick in the check where it is desired to remove the assignment.

Click to activate profit center

Similarly create other profit centers such as 1101, 1102, and 1103 under profit center group 11
Create profit centers under profit center group 12, 13, 14, 15, 16 and 99

Create a Corporate common profit center 9999 under the profit center group 99.

For corporate profit center
Other master data sets such as statistical key figures need not be created again in profit centers since they are already created in the cost center accounting module. The transaction code for creating statistical key figure is KK01.
4. Transfer Prices (Optional)

4.1 Basic Settings for Pricing

**Menu Path**

IMG → Controlling → Profit Center Accounting → Transfer Prices → Basic Settings for Pricing

Preset standard deliveries are provided for all components of transfer pricing. The standard deliveries are displayed in the left-hand screen area, together with condition types, pricing procedures and transfer price variants which we have defined our self.

By clicking on the individual elements, we can see the corresponding settings in the right-hand screen area.

To define condition types, pricing procedures or transfer price variants our self, click on create in the left-hand screen area.

The preset condition type TP01 (Transfer Price fix) is a fixed price condition type.
To see the access sequence ZU01 click

Click

The access sequence ZU01 is as follows:
The condition records can be maintained either for each of the following:

- Plant, Material and receiver profit center
- Plant, Representative material and receiver profit center
- Dependent on material

Dependent on material - needs to be used for pipeline material, since pipeline materials cannot be activated for material ledger. These materials will not have group view and the profit center view.
The other condition record TP02 (Markup percentage) is as follows:-
4.2 Define Account Determination for Internal Goods Movements (Optional)

**Menu Path**

IMG → Controlling → Profit Center Accounting → Transfer Prices → Settings for Internal Goods Movements → Define Account Determination for Internal Goods Movements

Internal goods movements in Logistics (stock transfers, materials usage for production orders, and so on) can lead to an exchange of goods between profit centers.

To be able to show the material flow correctly in Profit Center Accounting, we need to look at the profit center as an independent company. This means that a sale is made by the sending profit center, while the receiving profit center posts a goods receipt.

This way of looking at postings in Profit Center Accounting cannot be achieved based solely on the original posting. We therefore need to make an additional account assignment. A separate account determination generates additional posting lines on the basis of the original document, and then posts these in Profit Center Accounting.

The source document is not changed. Therefore this has no effect on Financial Accounting (F1). However, note that these lines are also updated in F1 since we are using transfer prices.

In this step, you enter the accounts that you need in order to represent internal goods movements in Profit Center Accounting for each controlling area.

The additional accounts must be defined as P&L accounts in Financial Accounting (F1). Cost elements are not permitted.
As seen in the following example, three types of additional account are required:

- internal revenues
- internal change in stock
- deliveries from profit centers

Material withdrawal of semi-finished product material 1 (profit center 1) for production order 2 (profit center 2) using legal valuation in Profit Center Accounting and FI

For material withdrawals, the costs on the receiver profit center are shown, plus an internal sale is assigned to the sender profit center. On the receiving side, it may be necessary (consumption of semi finished goods) to correct the posting under "Change in stock" with a posting "Delivery from profit center".

FI Posting:

<table>
<thead>
<tr>
<th>Description</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in stock of semi-finished</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
<td>1000</td>
</tr>
</tbody>
</table>

Profit Center Posting:

**In profit center 1**

<table>
<thead>
<tr>
<th>Description</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal change in stock</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Internal revenues</td>
<td></td>
<td>1000</td>
</tr>
</tbody>
</table>

**In profit center 2**

<table>
<thead>
<tr>
<th>Description</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in stock of semi-finished</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Delivery from profit center</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Internal change in stock</td>
<td></td>
<td>1000</td>
</tr>
</tbody>
</table>
The two lines "Change in stock" on the receiver side cancel each other out. The transaction is an external delivery from the point of view of the receiver profit center, which is reflected in the line "Delivery from profit center".

Material withdrawal of a semi-finished product 1 (Profit center 1) for production order 2 (Profit center 2) using transfer prices

The stock value using legal valuation is 1000
The stock value using profit center valuation is 1200
The transfer price from semi-finished material is 1500

FI Posting:
In FI, only legal valuation is stored
Entry

<table>
<thead>
<tr>
<th>Description</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in stock of semi-finished goods</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>stock</td>
<td></td>
<td>1000</td>
</tr>
</tbody>
</table>

PCA Posting:
In profit center accounting, profit center valuation is stored.

Profit center 1

<table>
<thead>
<tr>
<th>Description</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal revenues</td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td>Internal change in stock</td>
<td></td>
<td>1200</td>
</tr>
</tbody>
</table>

Profit center 2

<table>
<thead>
<tr>
<th>Description</th>
<th>Debit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in stock</td>
<td>1500</td>
<td></td>
</tr>
<tr>
<td>Internal change in stock</td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td>Delivery from profit center</td>
<td>1500</td>
<td></td>
</tr>
</tbody>
</table>

You may want to leave out material types for operating supplies which have little value. If you do not choose these
material types, only the consumption postings will be debited to the profit center on the receiver side.

You can set up the account determination by:-

Material type
Valuation class
Valuation modification constant

Blank entries (e.g. without a valuation class) are interpreted as generic entries. However, the material type must have at least one entry.

In the field No receiver records you enter whether the system should ignore the data records on the receiver side.

Assign the following GL codes
827100 Internal Stock changes
827200 Internal transfers
827000 Internal revenues

Click and update the following: -
Note: All the GL codes above should be set as Post automatically only in all the company codes which are assigned to the controlling area.

Click ☑️
4.3 Define Account Determination for Prod. Varian. in Delivs to other Pctrs

**Menu Path**

IMG → Controlling → Profit Center Accounting → Transfer Prices → Settings for Internal Goods Movements → Define Acct Determination for Production Variances in Delivs to other Pctrs

In transfer prices in cross-plant manufacturing, a price is negotiated for goods delivered from one profit center to another.

However, if the actual cost of goods manufactured differs from the planned cost, we need an additional account in which to post production variances. This account is necessary so that we can settle the difference to the sender profit center instead of the receiver.

In this step, we define the profit and loss account to which we want to post production variances. We can define this separately for each valuation class and valuation grouping code.

Click and update the following: -
## New Entries: Overview of Added Entries

**CO Area:** 1100  
**ABC LTD Controlling Area**

<table>
<thead>
<tr>
<th>VaCl</th>
<th>Description</th>
<th>VG</th>
<th>Prod Variances</th>
<th>Short Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>3800</td>
<td>Raw materials 1</td>
<td>1100</td>
<td>464013</td>
<td>Price Difference -</td>
</tr>
<tr>
<td>3950</td>
<td>(Returnable) packaging</td>
<td>1100</td>
<td>464013</td>
<td>Price Difference -</td>
</tr>
<tr>
<td>7900</td>
<td>Semifinished products</td>
<td>1100</td>
<td>464013</td>
<td>Price Difference -</td>
</tr>
</tbody>
</table>

Click 🎯
4.4 Define Special Handling for Internal Goods Movements

**Menu Path**

IMG → Controlling → Profit Center Accounting → Transfer Prices → Settings for Internal Goods Movements → Define Special Handling for Internal Goods Movements

All internal goods movements which are not represented as material flow between profit centers are contained here. E.g. scrapping a material: The table is pre delivered within the standard SAP R/3 system.

If any new movement types is created in Materials Management, you need to check whether these lead to a material flow between profit centers. If this movement type should not be taken into account, we need to make an entry in this table.
Change View "Special handling for goods movements between profit center"
5. Planning

5.1 Define Number Range for Local Documents

**Menu Path**

IMG → Controlling → Profit Center Accounting → Planning →
Basic Settings for Planning → Define Number Ranges →
Define Number Ranges for Local Documents

The number ranges in profit center are maintained year independent by inputting year 9999

---

**Number ranges for local GL documents**

- Intervals
- Status
- Intervals

Click

Update the following: -
Click

Click

Click

Company Code: 1100
# Display Number Range Intervals

**NR Object**: Local OL document  
**Subobject**: 1100

## Intervals

<table>
<thead>
<tr>
<th>Year</th>
<th>From number</th>
<th>To number</th>
<th>Current number</th>
<th>Exit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>0009100000</td>
<td>0008199999</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>9999</td>
<td>0003000000</td>
<td>0009999999</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>1992</td>
<td>0002000000</td>
<td>0009299999</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>9999</td>
<td>0001000000</td>
<td>0009999999</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Entry: 1 / 4

**Menu Path**

IMG → Controlling → Profit Center Accounting → Planning → Manual Planning → Planning Layout → Maintain Planning Layout for Costs/Revenues, Balance sheet accounts, Statistical key figures

We will copy from an existing SAP plan layout (8A-111) for costs/revenue

Perform the activities in the specified sequence

Double click **Create planning layout for costs/revenues**
If you notice the layout has PrCtr report cur., we need to change it to company code.
Double click **Profit center report currency**

In the **Key figure** and select **company code currency**

Double click **company code currency**
Click **Copy short text**
Click

Element definition: in CCC

Key figure: In company code currency

Characteristic values

<table>
<thead>
<tr>
<th>Selected characteristics</th>
<th>Available characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Name</td>
</tr>
<tr>
<td></td>
<td>Plan/actual indc.</td>
</tr>
<tr>
<td></td>
<td>Partner PC</td>
</tr>
<tr>
<td></td>
<td>Plant</td>
</tr>
<tr>
<td></td>
<td>Rep. material</td>
</tr>
<tr>
<td></td>
<td>Functional Area</td>
</tr>
<tr>
<td></td>
<td>Object Class</td>
</tr>
<tr>
<td></td>
<td>Trading Partner</td>
</tr>
<tr>
<td></td>
<td>Origin object</td>
</tr>
<tr>
<td></td>
<td>Unit of measure</td>
</tr>
</tbody>
</table>

Click Confirm
Similarly you need to change distrb key and unit field also to company code currency

Let us add quantity and unit of measure to the existing layout.

Position the cursor on the column next to Unit and Double Click.
Select Key figure with characteristics

Click ✔️
Select quantity in the key figure

Double click Quantity

Click Confirm
Position the cursor next to quantity and Double Click and select attribute.

Choose attribute:
- Unit
- Ted exists
- Distribution Key
- Action

Select Unit radio button.

Click.
Select quantity from the key figure

Double click Quantity
Click

Similarly distribution key for qty select Attribute

Position the cursor next to quantity and Double Click and select attribute
Click

Select quantity from key figure

Double click

Click
Click [Confirm]. If no errors are found then click save.

- No errors were found
- Planning Layout Z8A-11192 was saved
5.3 Maintain Planner Profiles

**Menu Path**

IMG → Controlling → Profit Center Accounting → Planning → Manual Planning → Maintain Planner Profiles

Here, we define planner profiles, which we can use to organize our organization's planning. A planner profile determines which planning layouts can be used with which default parameters for each planning area.

We can enter any number of planning layouts for each planning area. These layouts are sorted according to their "Profile item" number. It is also possible to use the same layout in different items of the profile, specifying different default parameters each time.

Planner profiles help us structure our organization's planning process, especially if our organization uses a decentralized planning process. We can assign our users planning layouts in which the objects they are allowed to plan are predefined and not changeable.

If you want to assign planner profiles to authorization groups, you first need to carry out the step Maintain authorization groups to define these. Authorization groups determine which users can maintain which planner profile. You can assign authorizations using the authorization object CO: Planner profiles (K_TKA50).
## Choose Activity

<table>
<thead>
<tr>
<th>Perf</th>
<th>Name of Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maintain Authorization Groups:</td>
</tr>
<tr>
<td></td>
<td>EC-PCA Maintain Planner Profiles</td>
</tr>
</tbody>
</table>

Perform the activities in the specified sequence.

[Choose]

Double click [EC-PCA Maintain Planner Profiles]
Select **SAP800** EC-PCA: Planning Profit Center Group (Centralized)

Click ✅ and update the following

<table>
<thead>
<tr>
<th>Profile</th>
<th>Description</th>
<th>Auth_group</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZFCA91</td>
<td>EC-PCA: Planning Profit Center Group (Centralized)</td>
<td></td>
</tr>
</tbody>
</table>

Click ✅
Click 

Select 

Double click and update the following: 

Click 

Select 

Double click
Delete the SAP standard layout by selecting the 2 items

Click

Information

Number of deleted entries: 2

Click
Click **New Entries**

Maintain the entries as below

<table>
<thead>
<tr>
<th>Item</th>
<th>Layout</th>
<th>Text</th>
<th>Deflt</th>
<th>Overview</th>
<th>Integrated</th>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Z8A-11192</td>
<td>PrCtrs/Act Group</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Click

Click

Select

Double click **Default parameters** and update the following:
Change Plan Costs/Revenues: Default parameters

Layout

Variables
- Version: 0
- From period: 1
- to: 12
- Fiscal Year
- Company Code
- Profit Center
- Account Number
- to
- Account Group

Entry
- Free
- Form-Based

Click

Information

Preset parameters were saved.

Click
Click

Comeback and attach the planning layout created for statistical key figures to the planning area Statistical key figures.

Click 🔄 till you reach the main screen.

Let us create planner profile for excel upload (decentralized).

A file description is a generic file name for use with integrated Excel and with the Excel upload function that assigns the cells in the Excel spreadsheet with those in the planning layout.

The system automatically enters a file description when we save the generic file name for our Excel template. If you want to use the same layout more than once, you can enter the generated file description for the next planning layout.
## Choose Activity

<table>
<thead>
<tr>
<th>Perf</th>
<th>Name of Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔</td>
<td>Maintain Authorization Groups</td>
</tr>
<tr>
<td>✔</td>
<td>EC-PCA Maintain Planner Profiles</td>
</tr>
</tbody>
</table>

Perform the activities in the specified sequence

- **Choose**

Double click ✔ EC-PCA Maintain Planner Profiles
Select SAP081: EC-PCA: Profit Center Planning (Decentralized)

Click and update the following:

Click ☑

Click ☑

Select ZPCA811: EC-PCA: Profit Center Planning (Decentralized)

Double click ☐ Profit Center Accounting and update the following: -
Click

Select

Double click

Delete the SAP standard layout by selecting the 2 items
Click  

Click  New Entries

Maintain the entry as shown above

Click save

Select

Double click  Default parameters
### Change Plan Costs/Revenues: Default parameters

#### Layout

<table>
<thead>
<tr>
<th>Layout</th>
<th>Z3A-11192</th>
<th>PrCtrs/Act Group</th>
</tr>
</thead>
</table>

#### Variables

<table>
<thead>
<tr>
<th>Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version</td>
<td>3</td>
</tr>
<tr>
<td>From period</td>
<td>1</td>
</tr>
<tr>
<td>to</td>
<td>12</td>
</tr>
<tr>
<td>Fiscal Year</td>
<td>2008</td>
</tr>
<tr>
<td>Company Code</td>
<td>1180</td>
</tr>
<tr>
<td>Profit Center</td>
<td>1180</td>
</tr>
<tr>
<td>Account Number</td>
<td>400000</td>
</tr>
<tr>
<td>to</td>
<td>827200</td>
</tr>
<tr>
<td>Account Group</td>
<td></td>
</tr>
</tbody>
</table>

#### Entry

- Free
- Form-Based

#### Information

File description 05_RPCPP01_ZPCA911_010Z3A-11192 has been generated.
Now when you go back you will find the file description created.

<table>
<thead>
<tr>
<th>Item</th>
<th>Layout</th>
<th>Overview</th>
<th>Integrated</th>
<th>File descr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>20A-11192</td>
<td>✅</td>
<td>✅</td>
<td>D5_NPCPP01_ZPCAG11_010</td>
</tr>
<tr>
<td>30</td>
<td>3A-113</td>
<td>❌</td>
<td>❌</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>3A-114</td>
<td>❌</td>
<td>❌</td>
<td></td>
</tr>
</tbody>
</table>
5.4 Define distribution

**Menu Path**

IMG → Controlling → Profit Center Accounting → Planning → Allocations → Define Distribution

Cycle definition in a cross company code-controlling scenario should start with the company code such as 91. Further it should reflect in abbreviated form the distribution such as General Administration cost cycle 1 and that it is a planned cycle.

Thus the cycle name is 91GA1P
Double click [EC-PCA: Create plan distribution]

EC-PCA Create Plan Distribution Cycle: Initial Screen

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycle</td>
<td>915A1P</td>
</tr>
<tr>
<td>Start Date</td>
<td>01.01.2008</td>
</tr>
</tbody>
</table>

Click [✓]

Update as shown below
Click **Attach segment**

Maintain the entries as shown below
Click **Maintain the entries as shown below**
Click | Attach segment | and maintain entries as shown below
### EC-PCA Create Plan Distribution Cycle: Segment

**Ledger**: 8A  
**Profit Center Accounting**

**Cycle**: G16A1P  
**Dist Corp PC BS to Product PCs**

**Segment Name**: G16A1P_02  
**9999, Liabilities B/S item**  
**Lock indicator**

### Segment Header

<table>
<thead>
<tr>
<th>Sender</th>
<th>From</th>
<th>To</th>
<th>Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account Number</td>
<td>200000</td>
<td>299999</td>
<td></td>
</tr>
<tr>
<td>Company Code</td>
<td>1106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Profit Center</td>
<td>9999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Version</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deprec. area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Functional Area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RA Version</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Receivers/Receivers

<table>
<thead>
<tr>
<th>Receiver</th>
<th>Profit Center</th>
<th>11</th>
</tr>
</thead>
</table>

Click **Receiver Tracing Factor**
Click and check the cycle settings
Click and check the cycle settings
5.5 Create Assessment cost elements

**Menu Path**

IMG → Controlling → Profit Center Accounting → Planning → Allocations → Create Assessment Cost Elements

Update the following:

**Create Cost Element: Initial Screen**

- **Cost Element**: P42101
- **Valid From**: 01.01.2008 to 31.12.9999

**Reference**

- **Cost Element**: 
- **Controlling Area**: 
Similarly create assessment cost element for CO production costs.
5.6 Define Assessment

**Menu Path**

IMG → Controlling → Profit Center Accounting → Planning → Allocations → Define Assessment

Update the following:

Double click **EC-PCA: Create plan assessment** and update the following:
Update the following:

EC-PCA Create Plan Assessment Cycle: Header Data

- Ledger: Profit Center Accounting
- Cycle: 116A1AP
- Start Date: 01.01.2008 to 31.12.2008
- Text: Assess PC to product PCs
- Indicators: Iterative
- Field Groups: Plan Quantities, Plan Transaction Currency
- Preset Selection Criteria:
  - CO Area: 1100
  - Company Code: 1100

Click Attach segment
EC-PCA Create Plan Assessment Cycle: Segment

Ledger: 8A
Cycle: 116414P
Segment Name: 116414P_01
Profit Center Accounting
Assess PC to product PCs
9999 Revenue Assessment

Segment Header | Senders/Receivers | Receiver Tracing Factor | Receiver Weight

**Sender**
- Version: 0
- Account Number: 816293
- Company Code: 1168
- Functional Area: 
- Profit Center: 9999

**Receiver**
- Profit Center: 
- Profit Center: 9188
Click and update the following

Click and update the following
<table>
<thead>
<tr>
<th>Ledger</th>
<th>Profit Center Accounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycle</td>
<td>Assess PC to product FCs</td>
</tr>
<tr>
<td>Segment Name</td>
<td>39F99 From cost Assessment</td>
</tr>
<tr>
<td>Profit Center</td>
<td></td>
</tr>
<tr>
<td>Company Code</td>
<td></td>
</tr>
<tr>
<td>Functional Area</td>
<td></td>
</tr>
</tbody>
</table>

### Sender

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>400000</td>
<td>404055</td>
<td></td>
</tr>
<tr>
<td>1189</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9090</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Receiver

<table>
<thead>
<tr>
<th>Profit Center</th>
<th>P3168</th>
</tr>
</thead>
</table>

---

www.sap-tools.com
6. Actual Posting

6.1 Maintain document types

Menu Path

IMG → Controlling → Profit Center Accounting → Actual Posting → Basic Settings: Actual → Document Types

This option lets us define which document types are valid for allocating actual data (assessment and distribution) and creating profit center documents.

The three columns for the transaction currency, local/company code currency and third currency determine which currencies are stored for this document type. Select all three.

The information on the number ranges used for local and global ledgers are only displayed here. It is defined here automatically for when we maintain number ranges for this document type later.

The profit center ledger "8A" is a local ledger.
The document type A0 is relevant
Here you attach Balance Check:-

Double click Error if balance is not zero
Click

In case there is a difference in F1 PCA and in case you need to pass a single entry in PCA you can select the balance check indicator 2 No balance check.

Normally we don’t need to configure here anything.
6.2 Define Number Range for Local Documents

**Menu Path**

IMG ➔ Controlling ➔ Profit Center Accounting ➔ Actual Postings ➔ Basic Settings: Actual ➔ Define Number Ranges for Local Documents

This step is already done in earlier step, when we have copied the number range.
6.3 Maintain Automatic Account Assignment of Revenue Elements (OKB9)

**Menu Path**

IMG ➔ Controlling ➔ Profit Center Accounting ➔ Actual Postings ➔ Maintain automatic account assignment of revenue elements

Here we can assign revenue elements and sales deductions to profit centers. The system automatically enters the specified profit center in the primary line items of the revenue elements.

Normally we do not have to maintain anything here, since the profit centers are determined from the material master into the sales order. But if we want to default some other profit center, we can do so.

The configuration is you select company code, cost element, order and enter profit center.

This particular configuration can also be called from the SAP easy access menu by entering OKB9 in the command field.
6.4 Choose Additional Balance Sheet and P&L Accounts (3KEH)

**Menu Path**

IMG → Controlling → Profit Center Accounting → Actual Postings → choose additional balance sheet and P&L Accounts

Here we define which accounts or account intervals we want to transfer to Profit Center Accounting. It is imperative that we maintain all the GL accounts which need to be transferred to Profit center. Needless to say that if we don’t maintain the GL accounts here, the balance will not be transferred to PCA.

This setting is also particularly required, if no profit center is entered for a specific transaction in one of these GL accounts, the system posts to the default profit center for that account interval.

This particular configuration can also be called from the SAP easy access menu by entering 3KEH in the command field.

Note that the GL codes for Customers and Vendors including Advances (special GL account) which are called Reconciliation accounts should not be maintained in the 3KEH table. Reason being the Customers and Vendors line items are not transferred to the PCA module online. We have to run month end programs to transfer Customer and Vendor balance from F1 module to PCA module.

These are GL codes which are reconciliation accounts for customer and vendors, that should be excluded from the 3KEH table.

USCA 119020 1100 Accounts Receivables -Third Parties
Click [New Entries] and update the following:
**New Entries: Overview of Added Entries**

<table>
<thead>
<tr>
<th>Acct from</th>
<th>Account to</th>
<th>Def PrCtr</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30</td>
<td>9999</td>
</tr>
<tr>
<td>10000</td>
<td>119019</td>
<td>9999</td>
</tr>
<tr>
<td>11982</td>
<td>212929</td>
<td>9999</td>
</tr>
<tr>
<td>219925</td>
<td>899999</td>
<td>9999</td>
</tr>
</tbody>
</table>

Click [folder icon](image)
7. Period end closing

7.1 Define Distribution

Menu Path

IMG → Controlling → Profit Center Accounting → Actual Postings → Period-end closing → Define Distribution

Actual cycles are copied from plan cycles. The only changes required to be done are instead of statistical key figures you need to update actual statistical key figures.

Choose Activity

Activities

Perform the activities in the specified sequence
Double click on the EC-PCA: Create actual distribution.

EC-PCA Create Actual Distribution Cycle: Initial Screen

Cycle 915A1A
Start Date 01.01.2008

Copy from
Cycle 915A1P
Start Date 01.01.2008

Click

EC-PCA Create Actual Distribution Cycle: Header Data

Ledger 8A Profit Center Accounting
Cycle 916A1A Status new
Start Date 01.01.2008 To 31.12.2008
Text Dist Corp PC BS to Product PCs

Indicators
- Iterative
- Cumulative
- Balance the Balance Sheet Accounts

Field Groups
- Actual Quantities
- Actual Transaction Currency

Preset Selection Criteria
CO Area 1100
Company Code 1100

Click First segment
EC-PCA Create Actual Distribution Cycle: Segment

Ledger: 8A
Cycle: 916A1A
Segment Name: 81GA1P_01
Profit Center Accounting: Dist Corp PC BS to Product PCs
Asset Balance Sheet Item: 9999
Lock indicator: [ ]

Segment Header
Senders/Receivers
Receiver Tracing Factor

Sender values
Sender rule: Posted amounts
Share in %: 100.00%
Act. vals: [ ]
Plan vals: [ ]

Receiver tracing factor
Receiver rule: Fixed percentages

Click [ ] to the next copied segment
7.2 Define Assessment

**Menu Path**

IMG → Controlling → Profit Center Accounting → Actual Postings → Period-end closing → Define Assessment

Actual cycles are copied from plan cycles. The only changes required to be done are instead of statistical key figures you need to update actual statistical key figures.

We will copy plan assessment cycle into actual assessment cycle.
Suffix the actual cycle with A instead of P

Update the following:

Click ✅
Click [First segment]
EC-PCA Create Actual Assessment Cycle: Segment

Ledger: 8A  
Cycle: 916A1AA  
Segment Name: 11611AP_01  
Profit Center Accounting  
Assess PC to product PCs  
9999 Revenue Assessment  
Lock indicator

Segment Header

Assessment CEs: F42101

Sender values
Sender rule: Posted amounts
Share in %: 100.00%
Actual value origin:  
Plan value origin

Receiver tracing factor
Receiver rule: Variable portions
Var. portion type: Plan Quantities / SKF
Scale Neg. Tracing Factors: No scaling

Change
Var. portion type: Plan Quantities / SKF  
Var. portion type: Actual Quantities / SKF

to
## EC-PCA Create Actual Assessment Cycle: Segment

### Segment Header

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ledger</td>
<td>6A</td>
</tr>
<tr>
<td>Profit Center Accounting</td>
<td></td>
</tr>
<tr>
<td>Cycle</td>
<td>916K16A</td>
</tr>
<tr>
<td>Segment Name</td>
<td>116A1AP_01</td>
</tr>
<tr>
<td>9999 Revenue Assessment</td>
<td></td>
</tr>
<tr>
<td>Lock indicator</td>
<td></td>
</tr>
</tbody>
</table>

### Sender values

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sender rule</td>
<td>Posted amounts</td>
</tr>
<tr>
<td>Share in %</td>
<td>100.00 %</td>
</tr>
<tr>
<td>Actual/Value origin</td>
<td></td>
</tr>
<tr>
<td>Plan value origin</td>
<td></td>
</tr>
</tbody>
</table>

### Receiver tracing factor

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiver rule</td>
<td>Variable portions</td>
</tr>
<tr>
<td>Var.portion type</td>
<td>Actual Quantities / SKF</td>
</tr>
<tr>
<td>Scale Neg. Tracing Factors</td>
<td>No scaling</td>
</tr>
</tbody>
</table>
### EC-PCA Create Actual Assessment Cycle: Segment

<table>
<thead>
<tr>
<th>Ledger</th>
<th>8A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycle</td>
<td>91G00A</td>
</tr>
<tr>
<td>Segment Name</td>
<td>116A1 AP_02</td>
</tr>
</tbody>
</table>

#### Segment Header

- **Assessment CEle**: P42201

#### Senders/Receivers

- **Sender rule**: Posted amounts
- **Share in %**: 100.00%
- **Actual value origin**: Yes

#### Receiver Tracing Factor

- **Receiver rule**: Variable portions
- **Var. portion type**: Plan Quantities / SKF
- **Scale Neg. Tracing Factors**: No scaling

#### Var. portion type change

- **Change**: Plan Quantities / SKF
- **to**: Actual Quantities / SKF
### EC-PCA Create Actual Assessment Cycle: Segment

**Ledger:** Z8A  
**Profit Center Accounting:**  
**Cycle:** 91541AA  
**Assess PC to product PCs**  
**Segment Name:** 115A1AP_02  
**3999 Prodn cost Assessment**  
**Lock indicator:** 

#### Segment Header

- **Assessment CEdo:** P42201

#### Sender values

- **Sender rule:** Posted amounts
- **Share in %:** 100.00%
- **Actual value origin:**
- **Plan value origin:**

#### Receiver tracing factor

- **Receiver rule:** Variable portions
- **Var. portion type:** Actual Quantities / SKF
- **Scale Neg. Tracing Factors:** No scaling

---

Click ![Click](https://example.com/)

Click ![Click](https://example.com/)
SAP Profit Center
Accounting Configuration

SAP R/3 ENTERPRISE ECC6

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