

SAP Controlling Configuration

SAP R/3 ENTERPRISE 4.7

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INTRODUCTION

Welcome to the SAP FICO Configuration kit. We will ensure that we will take you by the hand and help you configure both Controlling and Finance Module for you. In this document we will be configuring the basics of Controlling and also cover the Cost Center accounting Module.

The controlling area configuration is the starting point of configuration in the CO module, which will enable us to configure profit center, product costing and then the profitability analysis module.

In this document we will configure controlling area 9100 (A Group). To help us better understand the configuration let us take the below scenario:

The management of **A group** is desirous of having a single controlling area, so that they can have cross company code controlling. A Group is fast expanding group and will be setting various companies across the globe in the future.

Each company code in the above case will be attached to this controlling area. Currently A Group has only one company called as 9100 (A Ltd). This company code is attached to controlling area 9100. A group is located in Germany. The controlling area currency is configured as group currency EUR.

A Group requires the following modules within controlling to be implemented:-

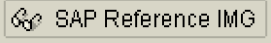
- 1) Cost center accounting
- 2) Product costing
- 3) Profit center accounting
- 4) Profitability analysis

So lets now grind in further of how to configure the basics of controlling and the Cost Center in this document.

SAP CONTROLLING CONFIGURATION 4.7

1 Organizational Structures

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

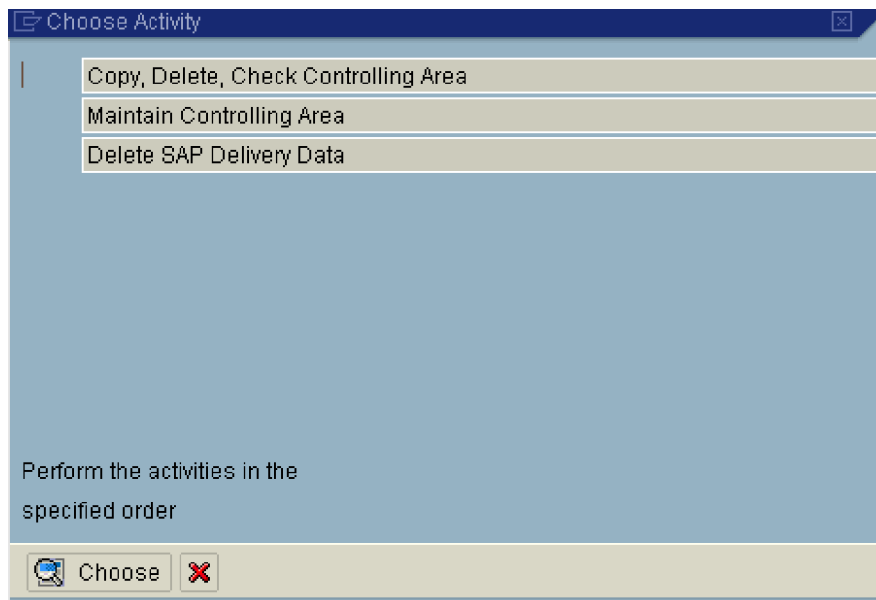
SAP Menu à Tools à AcceleratedSAP à Customizing à SPRO - Edit
Project à 

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.

1.1 Maintain Controlling Area

IMG à Controlling à General Controlling à Organization à Maintain Controlling Area

Double click Maintain Controlling Area



Click on  and update the following fields:-

SAP CONTROLLING CONFIGURATION 4.7

Table View Edit Goto Selection Utilities System Help

New Entries: Details of Added Entries

Controlling Area

Controlling Area: 9100 COArea = CCode

Name: A Grp Controlling area

Person Responsible:

Assignment Control

CoCd->CO Area: Cross-company-code cost accounting

Currency Setting

Currency Type: 30 GROUP CURRENCY

Currency: EUR Euro (EMU currency as of 01 ... Diff. CCode Currency

Curr/Val. Prof.: Active

Other Settings

Chart of Accts: YCCA

Fiscal Year Variant: K4

Cctr Std. Hierarchy: C9100

Reconciliation Ledger

Recon Ledger Active

Document Type: SA

Setting for Authorization Hierarchies for Cost Centers

Do Not Use Std Hier. Alternative Hierarchy1

Alternative Hierarchy2


Setting for Authorization Hierarchies for Profit Centers

Do Not Use Std Hier. Alternative Hierarchy1

Alternative Hierarchy2

Group Currency definition comes from the client currency. A currency needs to be maintained for the client (when a client is created) in transaction SCC4.

Update document type SA

Click on 

Check standard hierarchy

Standard hierarchy C9100
does not exist.

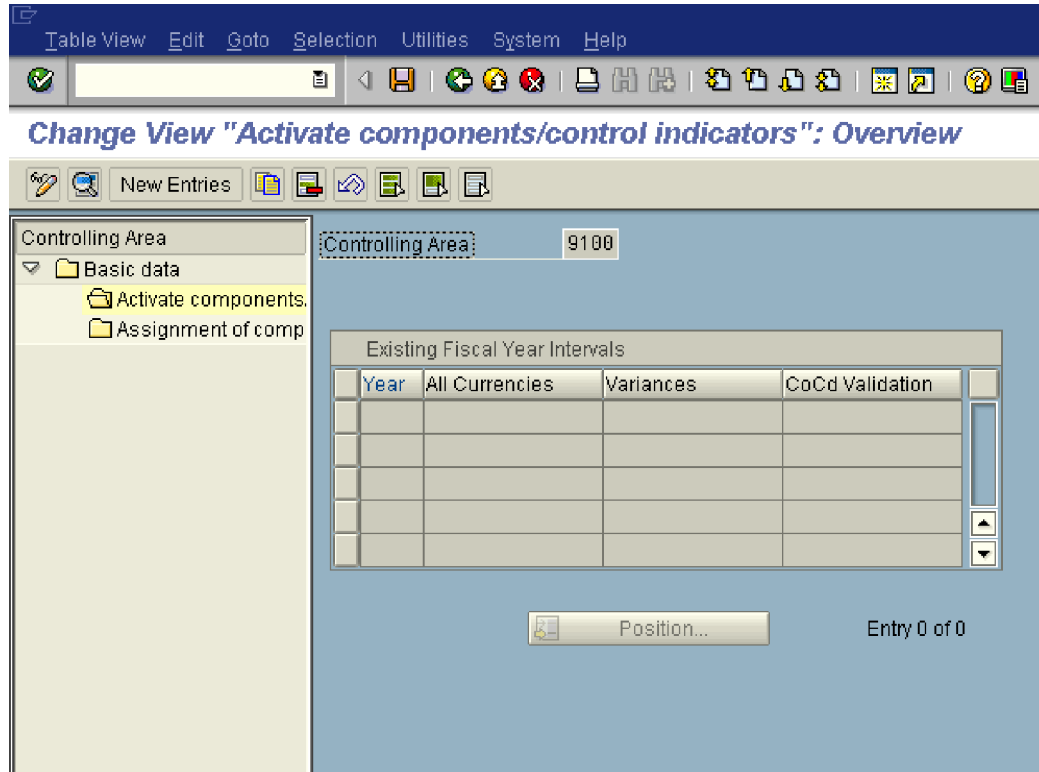
Should system C9100
be created as a standard hierarchy?

Yes No Cancel

SAP CONTROLLING CONFIGURATION 4.7

Click to create a standard hierarchy.

Double Click



Click on

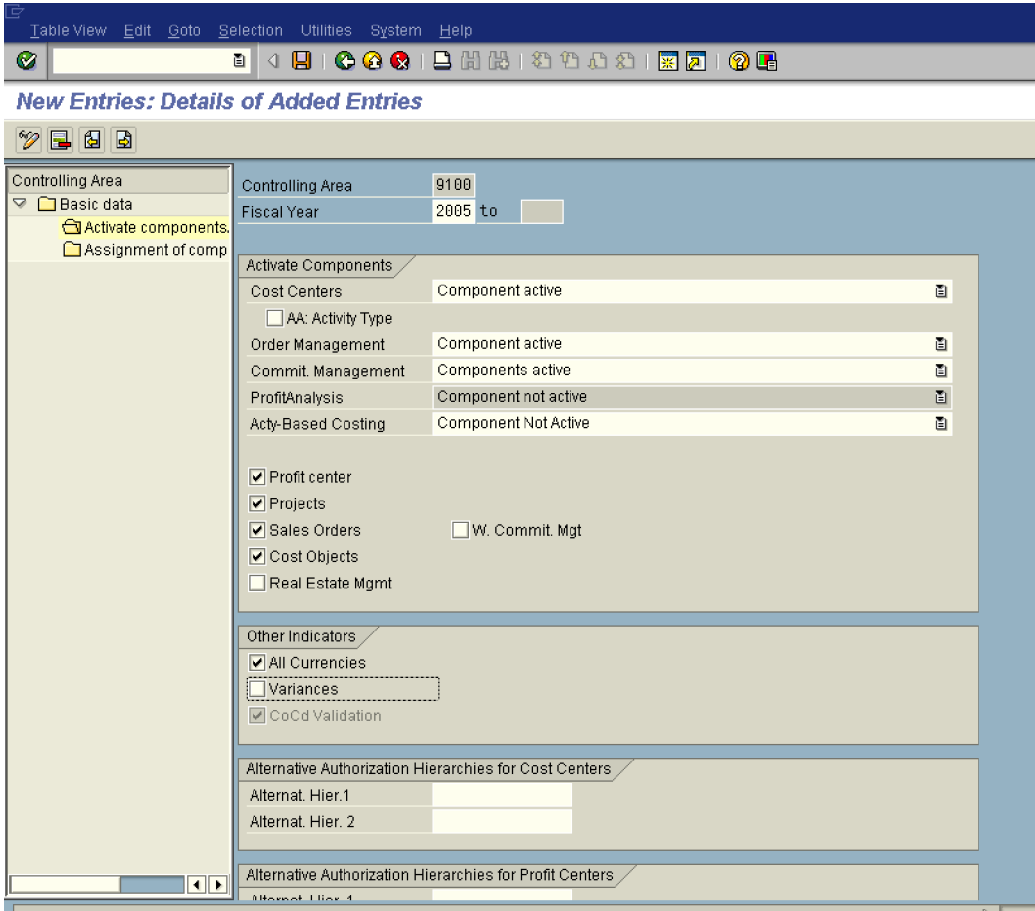
A grp requires the following modules withing controlling:-

- 1) Cost center accounting**
- 2) Internal orders (order management)**
- 3) Profit center accounting**
- 4) Profitability analysis (we will update at a later stage)**


It does not want activity based costing, further it wants commitments management to be activated.

Accordingly we update the following: -

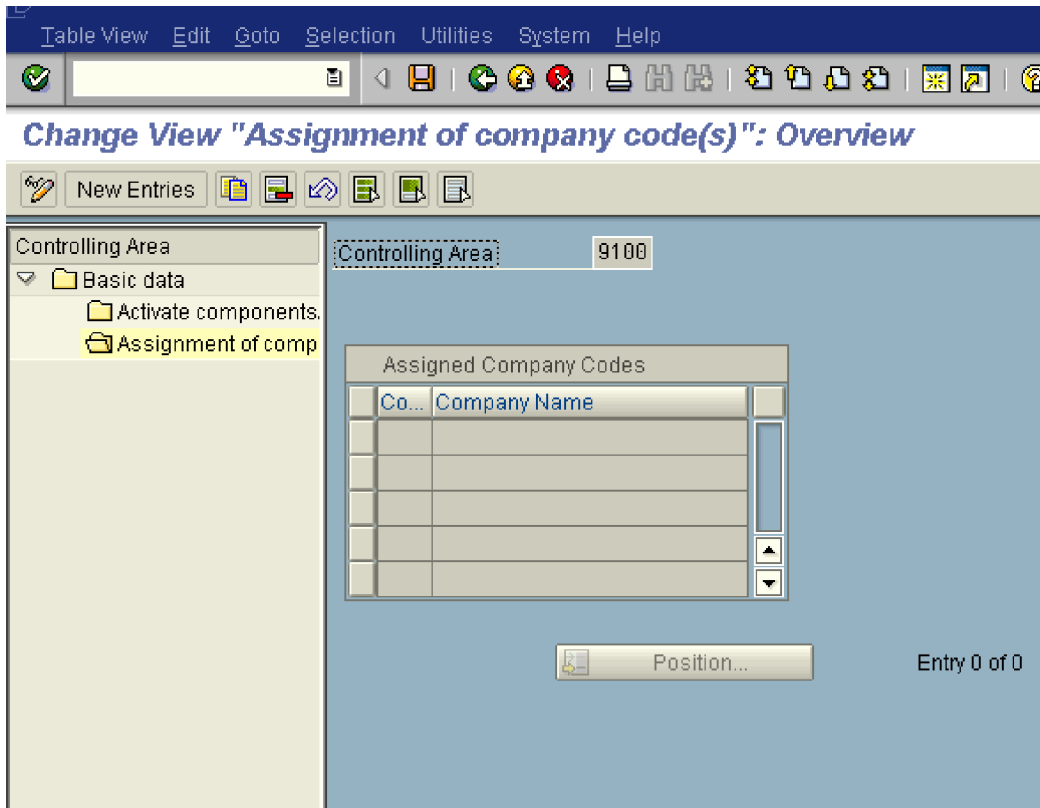
SAP CONTROLLING CONFIGURATION 4.7



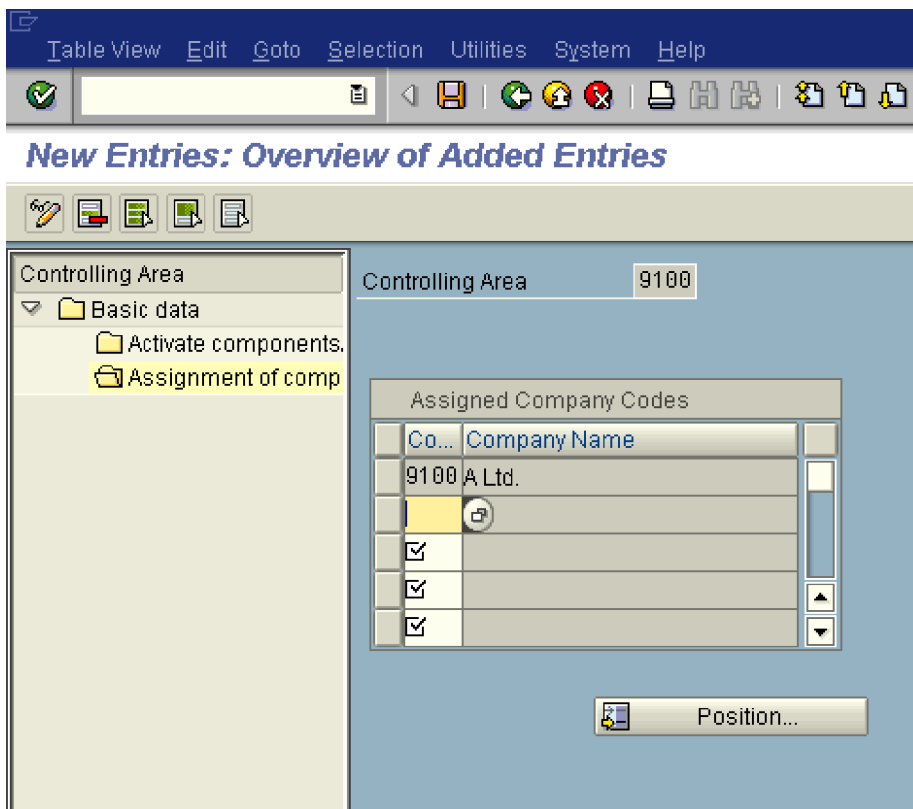
Click on Save 

Double Click on  Assignment of compa to attach company code 9100

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Click on **New entries** and update the following: -



SAP CONTROLLING CONFIGURATION 4.7

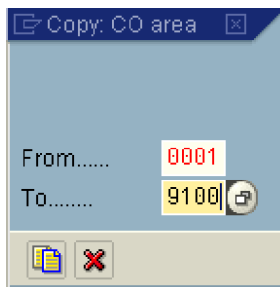
Click on Save 


1.2 Maintain Number Ranges for Controlling Documents

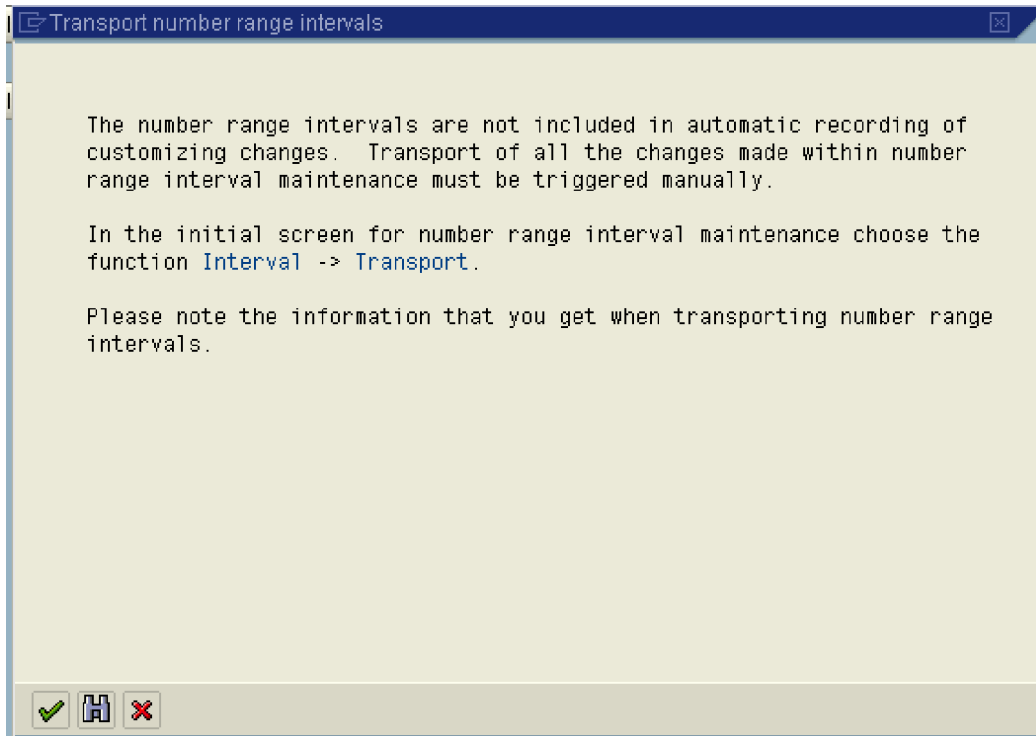
IMG à Controlling à General Controlling à Organization à Maintain Number Ranges for Controlling Documents

We will copy number ranges from the SAP delivered controlling area 001.

Click on Copy  and update the following: -



Click on 

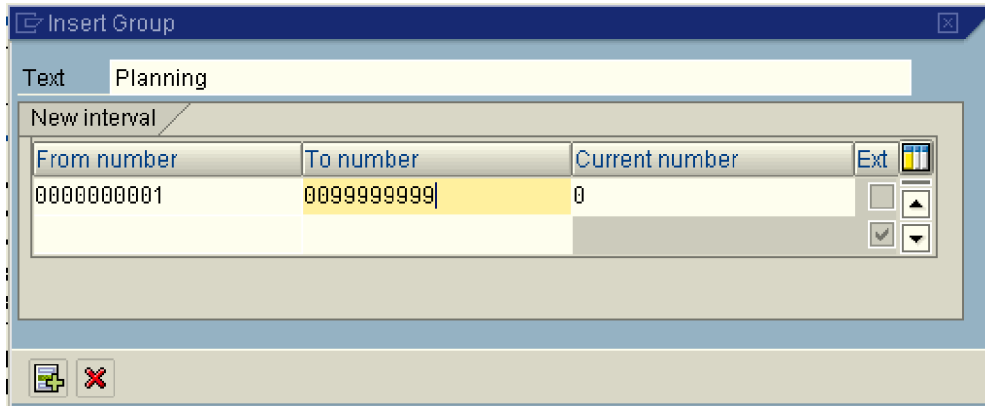


SAP CONTROLLING CONFIGURATION 4.7

Note that the number intervals are not included in the customizing request they need to be transported manually. Click on Interval à Transport

To ensure data consistency, you should not transport number ranges for CO documents, but rather create them manually in the target system.

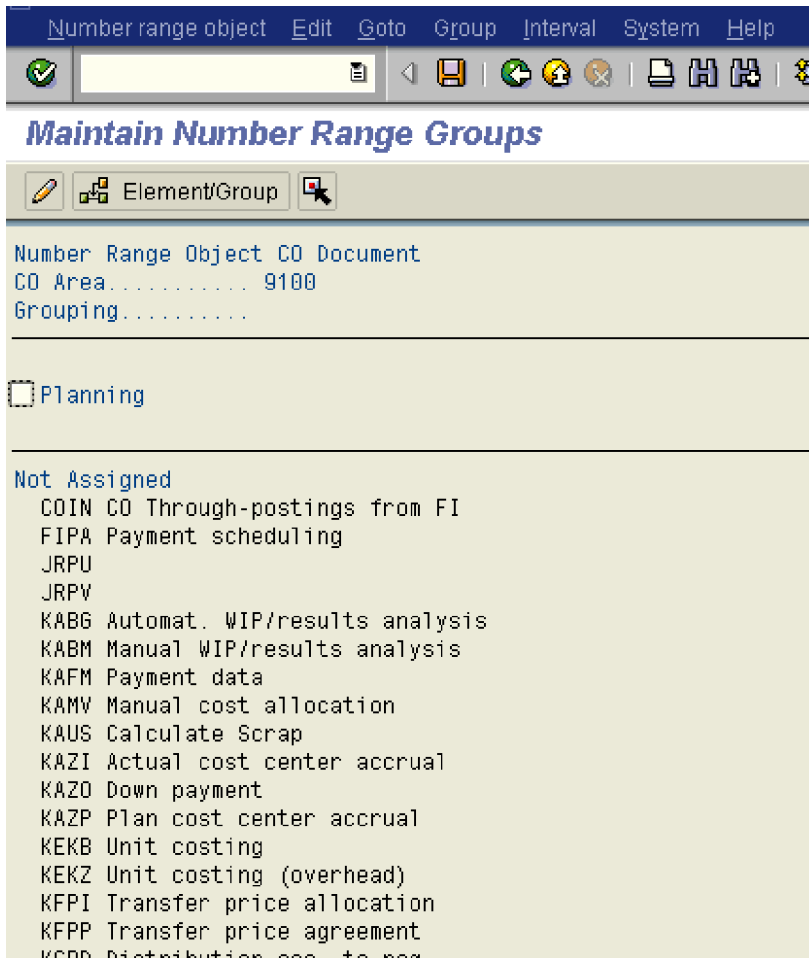
Or else you can create from scratch.



From number	To number	Current number	Ext
0000000001	0099999999	0	<input type="checkbox"/>

Click 

SAP CONTROLLING CONFIGURATION 4.7




Click on 

Now assign the various business transaction to planning as follows:-

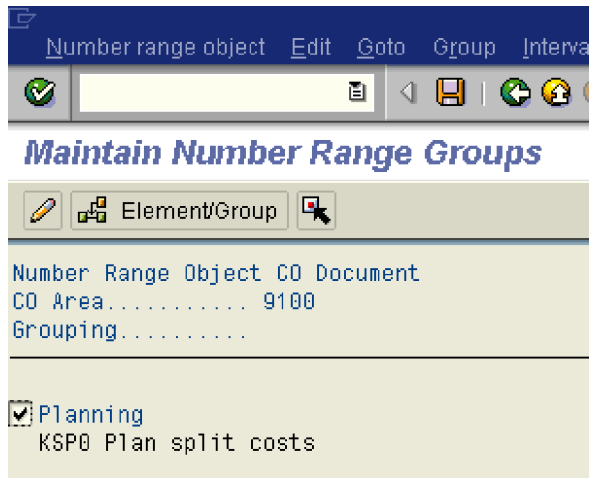
Position the cursor on **KSPD** Plan split costs

Click 

Select Planning

Click  Element/Group

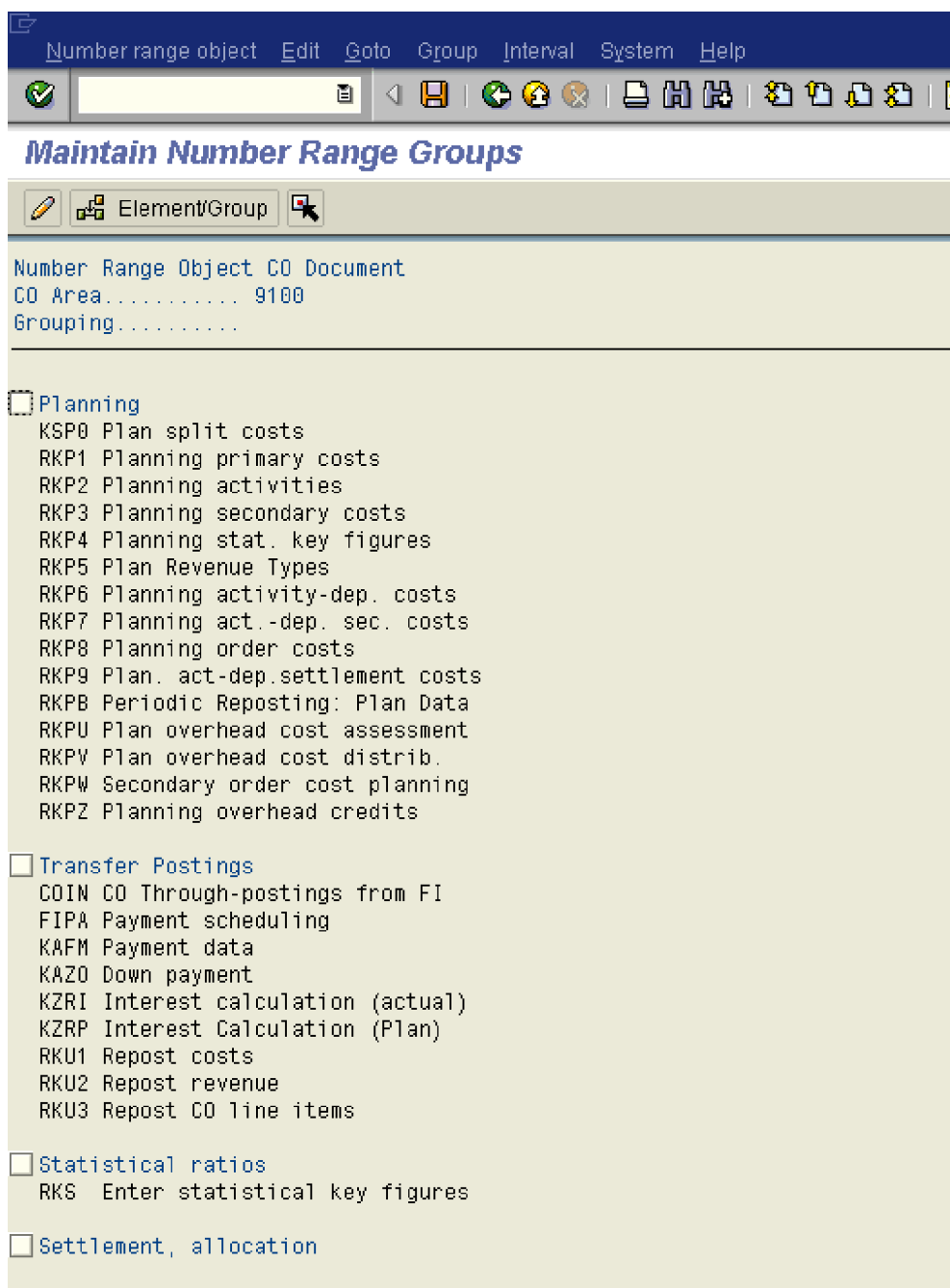
SAP CONTROLLING CONFIGURATION 4.7



Similarly you have to assign various business transactions to this group.

Finally the groups along with the business transaction will be as follows:-

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It is tedious to maintain the number range and number range group manually. It is better to copy from the SAP controlling area 0001

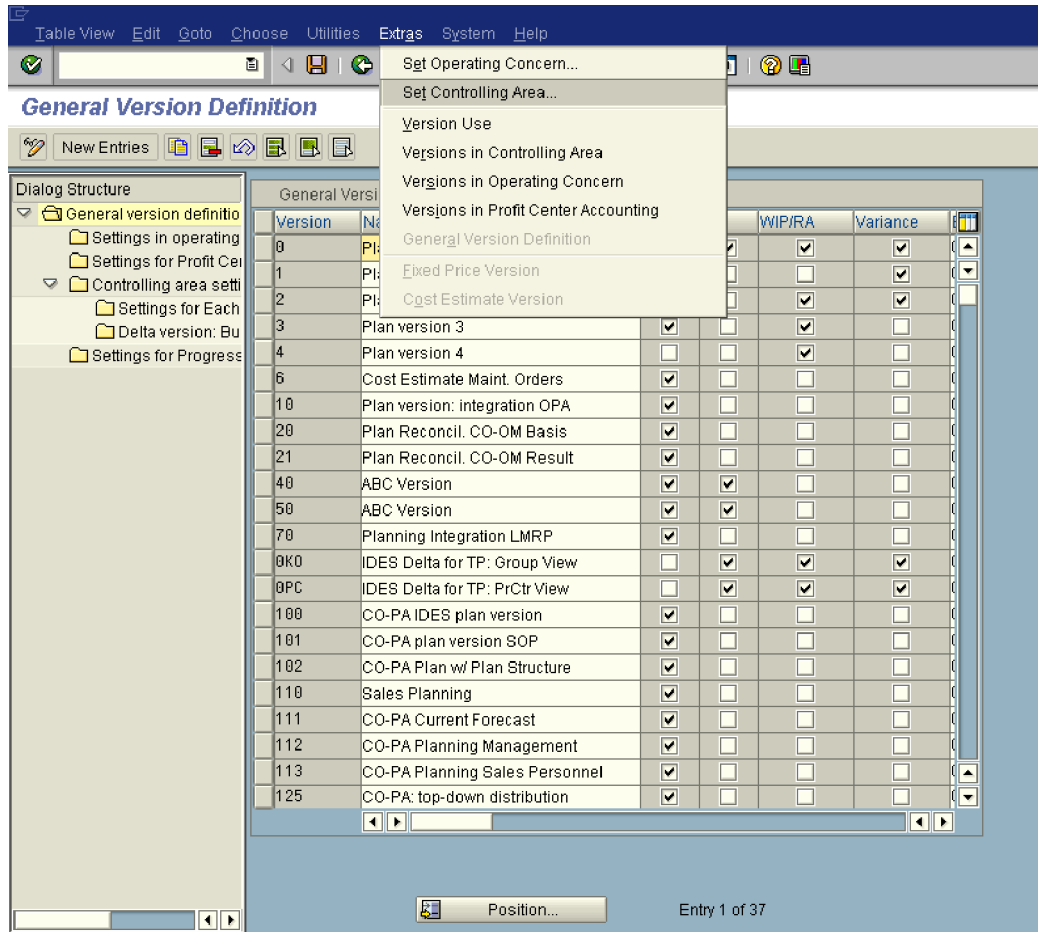
Note: To ensure data consistency, you should not transport number ranges for CO documents, but rather create them manually in the target system.

SAP CONTROLLING CONFIGURATION 4.7

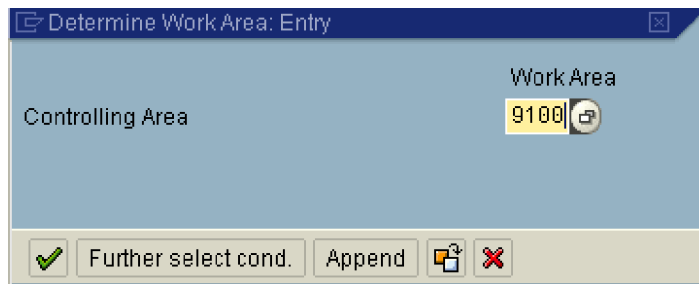
1.3 Maintain Versions

IMG à Controlling à General Controlling à Organization à Maintain Versions

Click on Extras à Set Controlling area



And update 9100 as the controlling area.



Click

SAP CONTROLLING CONFIGURATION 4.7

Select Version 0

Version	Name	Plan	Act.	WIP/RA	Variance
0	Plan/actual version	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

And Double Click **Controlling area setti**

Version 0 is automatically created in controlling area 9100

The screenshot shows the 'General Version Definition' dialog box. The 'Controlling Area' is set to '9100 A Grp Controlling area'. The 'Version Settings in Controlling Area' table is displayed below.

Version	Version description	Plan	Act.	Valuation View	WIP/R
0	Plan/Act - Version	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Legal Valuation	

Select

Version	Version description	Plan	Act.	Valuation view	WIP/R
0	Plan/Act - Version	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Legal valuation	

Double Click **Settings for Each Fiscal Yea**

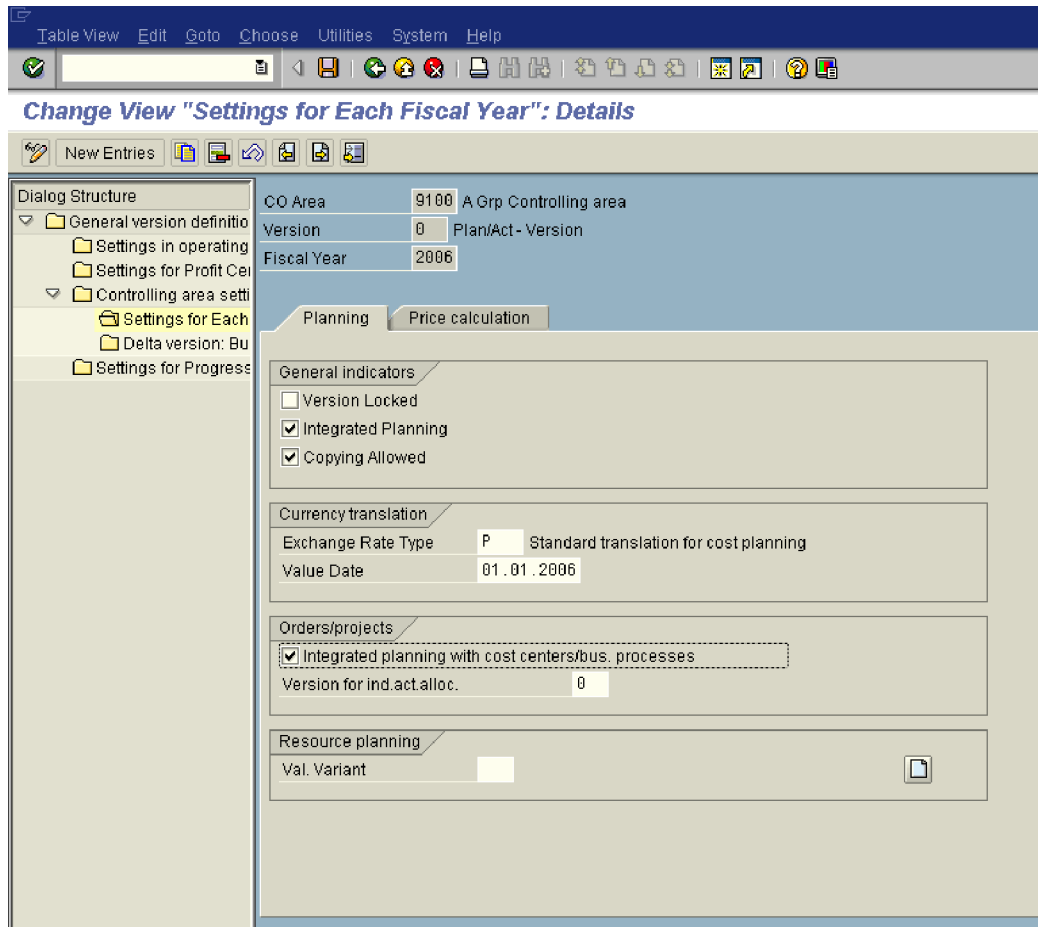
Versions are automatically created for 5 fiscal years.

The screenshot shows the 'Change View "Settings for Each Fiscal Year": Overview' dialog box. The 'CO Area' is '9100 A Grp Controlling area' and the 'Version' is '0 Plan/Act - Version'. The 'Version Settings for Each Fiscal Year' table is displayed below.

Year	Version Locked	Integrated Planning	Copying Allowed
2006	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2007	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2009	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2010	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SAP CONTROLLING CONFIGURATION 4.7

Select year 2006 and click on  and update the following: -

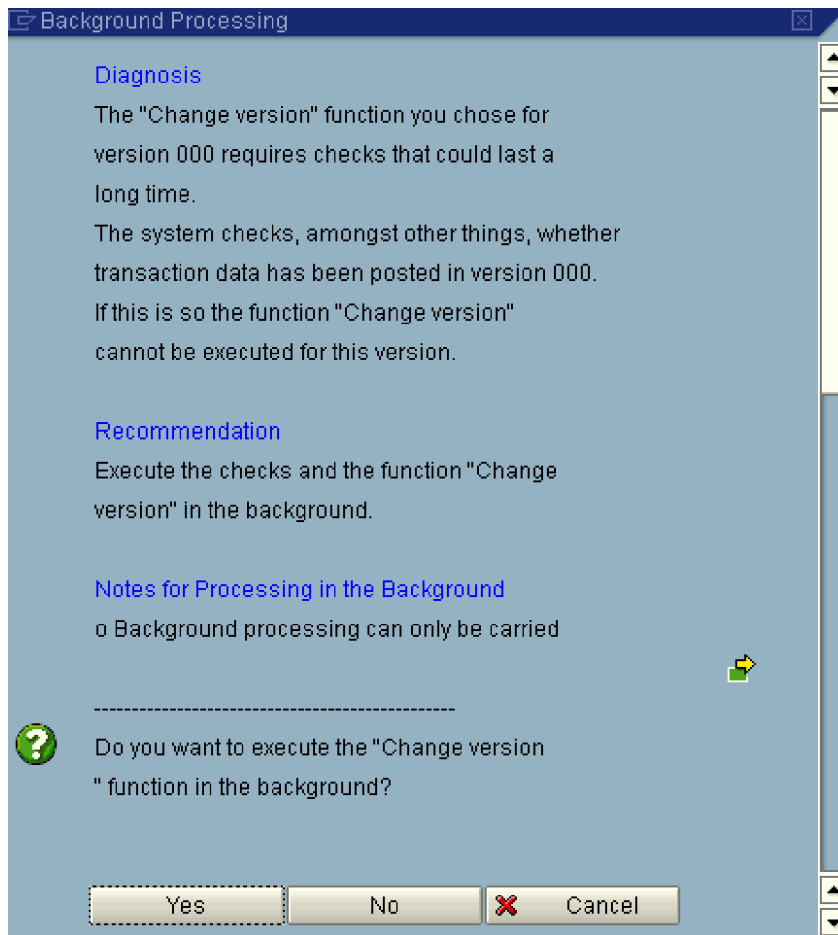


The screenshot shows the SAP Controlling Configuration dialog box for fiscal year 2006. The dialog is titled "Change View 'Settings for Each Fiscal Year': Details". The left pane shows the "Dialog Structure" with "Settings for Each" selected. The right pane shows the configuration details for the fiscal year 2006. The "CO Area" is 9100, "Version" is 0, and "Fiscal Year" is 2006. The "Price calculation" tab is active, showing the following settings:

Section	Field	Value
General indicators	Version Locked	<input type="checkbox"/>
	Integrated Planning	<input checked="" type="checkbox"/>
	Copying Allowed	<input checked="" type="checkbox"/>
Currency translation	Exchange Rate Type	P Standard translation for cost planning
	Value Date	01.01.2006
Orders/projects	Integrated planning with cost centers/bus. processes	<input checked="" type="checkbox"/>
	Version for ind.act.alloc.	0
Resource planning	Val. Variant	<input type="text"/>

Click on  and update the following: -

SAP CONTROLLING CONFIGURATION 4.7



Click on

SAP CONTROLLING CONFIGURATION 4.7

Update the following:-

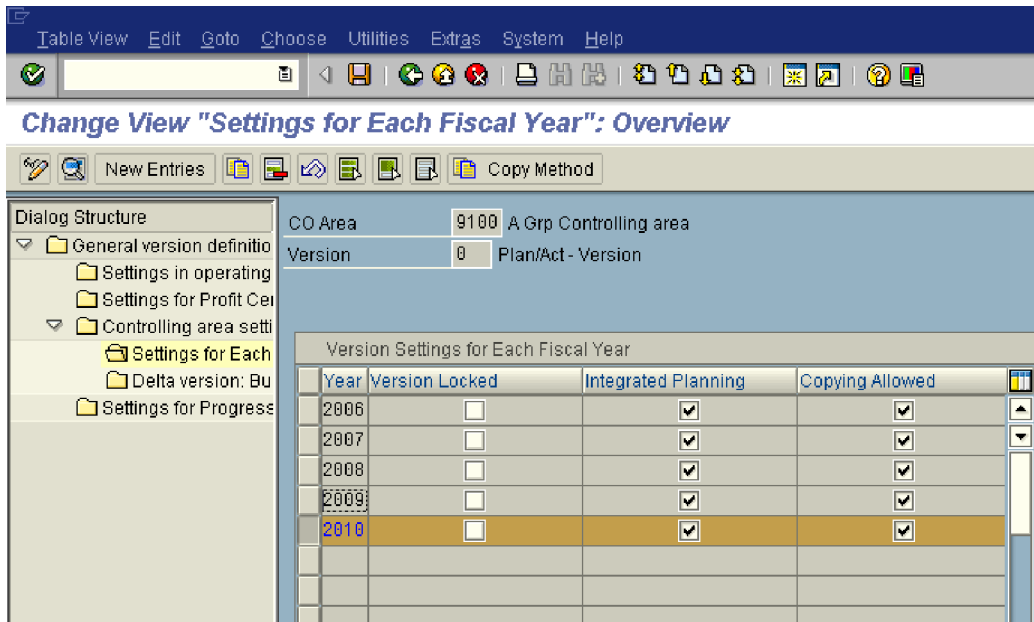
The screenshot shows the SAP Controlling Configuration dialog box for 'Settings for Each Fiscal Year'. The dialog is titled 'Change View "Settings for Each Fiscal Year": Details'. The main area is divided into two tabs: 'Planning' and 'Price calculation'. The 'Price calculation' tab is active. The dialog contains the following fields and options:

- CO Area: 9100 A Grp Controlling area
- Version: 0 Plan/Act - Version
- Fiscal Year: 2006
- Purely Iter. Price
- Plan Method: Average price
- Actual Methods: Periodic price
- Actual Revaluation: Own business transaction
- Cost Comp. Str. (empty)

Click on Save 

Similarly update the values for the remaining fiscal year.

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2. Multiple Valuation Approaches/Transfer Prices (Optional)

2.1 Maintain Currency and Valuation Profile

IMG à Controlling à General Controlling à Multiple Valuation Approaches/Transfer Prices à Basic Settings à Maintain Currency and Valuation Profile

We only need the currency and valuation profiles if we want to manage various valuations in parallel in our system.

We have to take the following rules into account when we maintain the currency and valuation profiles because they are checked when we activate the C&V profile in the controlling area.

- Ø Managing the company code currency in legal valuation is mandatory.

- Ø In addition, we can always manage two further valuation approaches


In valuation, we can select among group valuation (1) and profit center valuation (2),

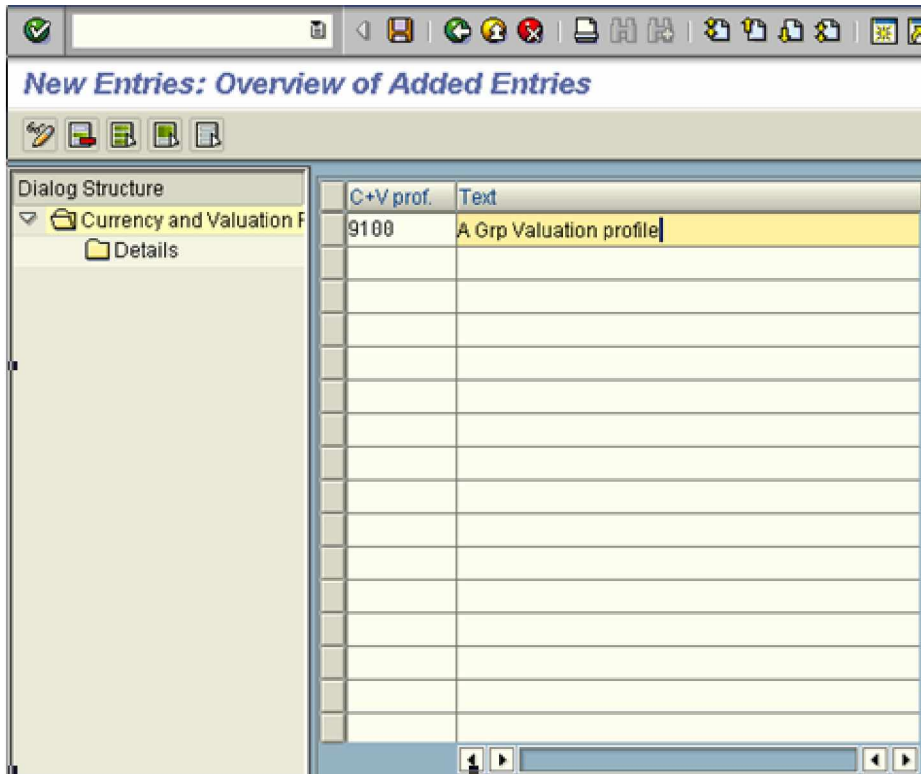
In the currency, we can select among company code currency (10) and group currency (30).

All valuation approaches we manage in controlling must also be managed correspondingly in the material ledger.

All standard SAP report in controlling are shown in the reporting currency (controlling area currency), to get the object currency (Co. code currency) you will need to define new reports.

SAP CONTROLLING CONFIGURATION 4.7

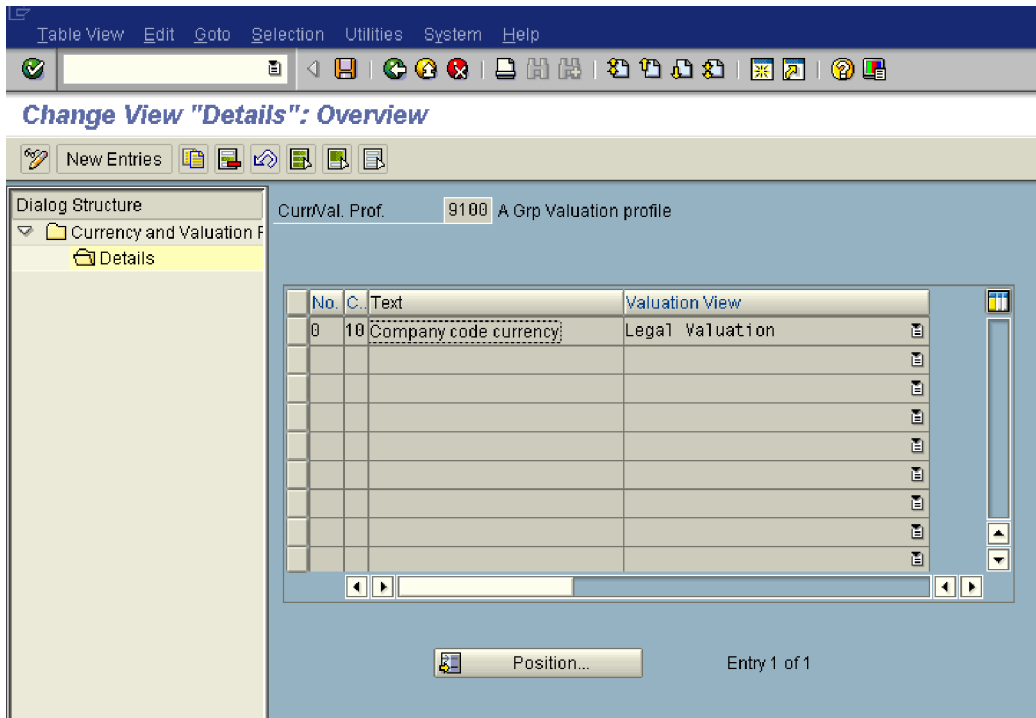
Click on  and update the following: -




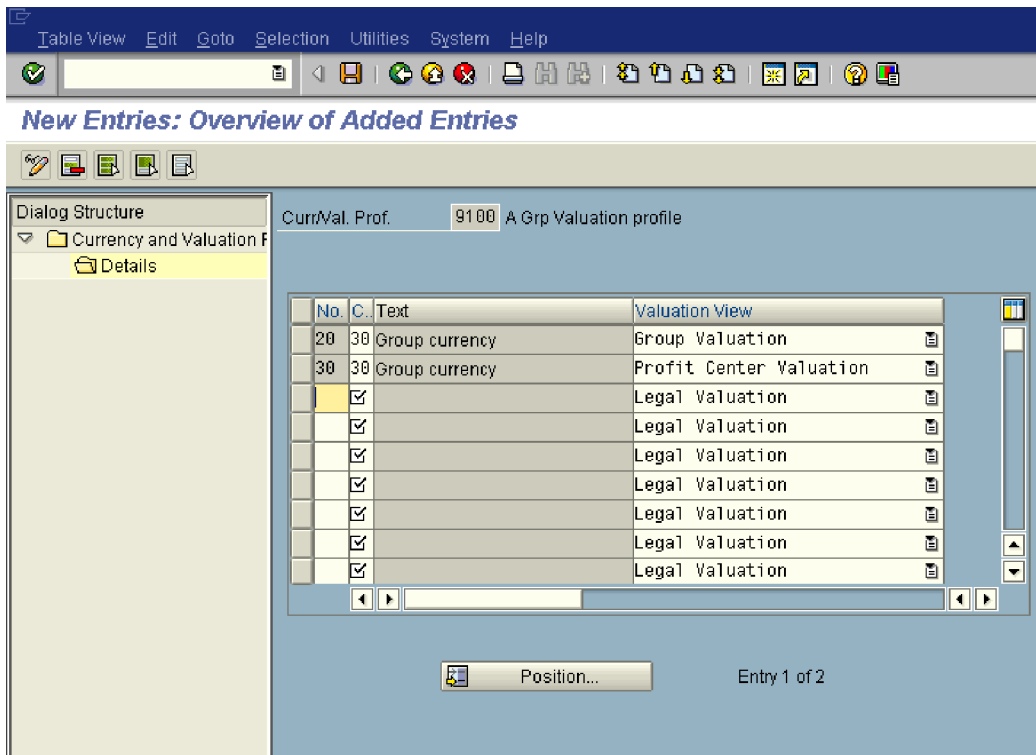
Select  and

Double Click 

SAP CONTROLLING CONFIGURATION 4.7



Click on  and update the following: -



Click on **Save** 

2.2 Assign Currency and Valuation Profile to Controlling Area

IMG à Controlling à General Controlling à Multiple Valuation Approaches/Transfer Prices à Basic Settings à Assign Currency and Valuation Profile to Controlling Area

We assign the currency and valuation profiles with which we want to represent scenarios for transfer prices to the respective controlling area. For this purpose, we must ensure that the controlling area currency of the affected controlling area corresponds to either the group currency (currency type = 30) or the company code currency (currency type = 10).

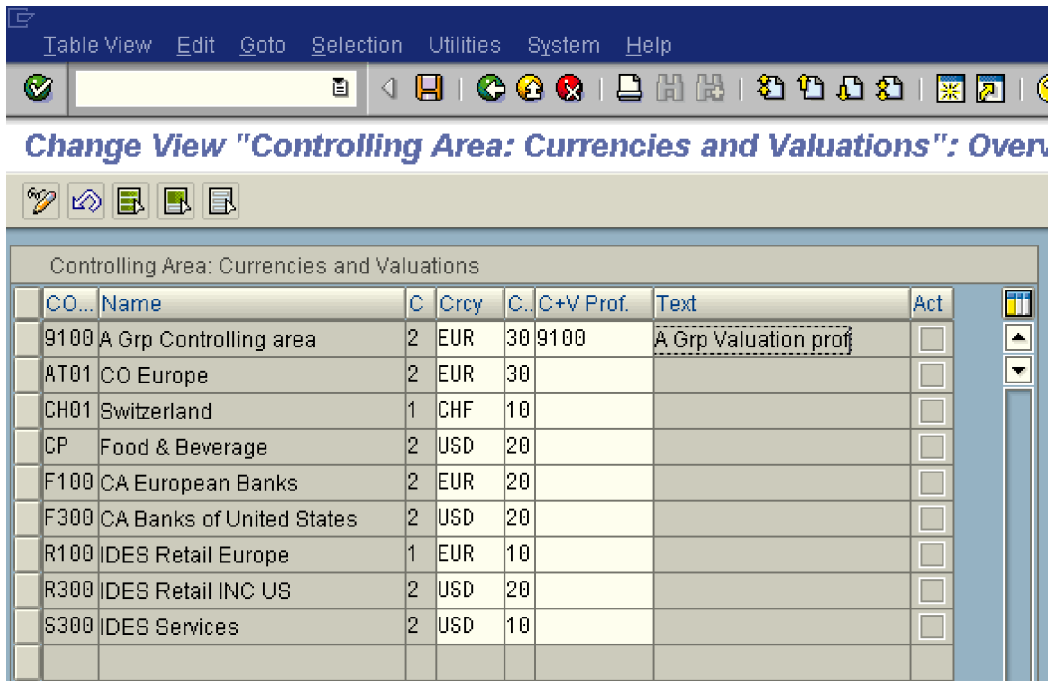
The assignment of the currency and valuation profiles indicates that we want to use transfer prices in the controlling area. It enables us to create actual versions for different valuations.

Change View "Controlling Area: Currencies and Valuations": Overview

CO...	Name	C	Crncy	C..	C+V Prof.	Text	Act
9100	A Grp Controlling area	2	EUR	30			<input type="checkbox"/>
AT01	CO Europe	2	EUR	30			<input type="checkbox"/>
CH01	Switzerland	1	CHF	10			<input type="checkbox"/>
CP	Food & Beverage	2	USD	20			<input type="checkbox"/>
F100	CA European Banks	2	EUR	20			<input type="checkbox"/>
F300	CA Banks of United States	2	USD	20			<input type="checkbox"/>
R100	IDES Retail Europe	1	EUR	10			<input type="checkbox"/>

Assign C+V prof 9100 to controlling area 9100.

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Change View "Controlling Area: Currencies and Valuations": Overview

CO...	Name	C	Crcy	C..	C+V Prof.	Text	Act
9100	A Grp Controlling area	2	EUR	30	9100	A Grp Valuation prof	<input type="checkbox"/>
AT01	CO Europe	2	EUR	30			<input type="checkbox"/>
CH01	Switzerland	1	CHF	10			<input type="checkbox"/>
CP	Food & Beverage	2	USD	20			<input type="checkbox"/>
F100	CA European Banks	2	EUR	20			<input type="checkbox"/>
F300	CA Banks of United States	2	USD	20			<input type="checkbox"/>
R100	IDES Retail Europe	1	EUR	10			<input type="checkbox"/>
R300	IDES Retail INC US	2	USD	20			<input type="checkbox"/>
S300	IDES Services	2	USD	10			<input type="checkbox"/>

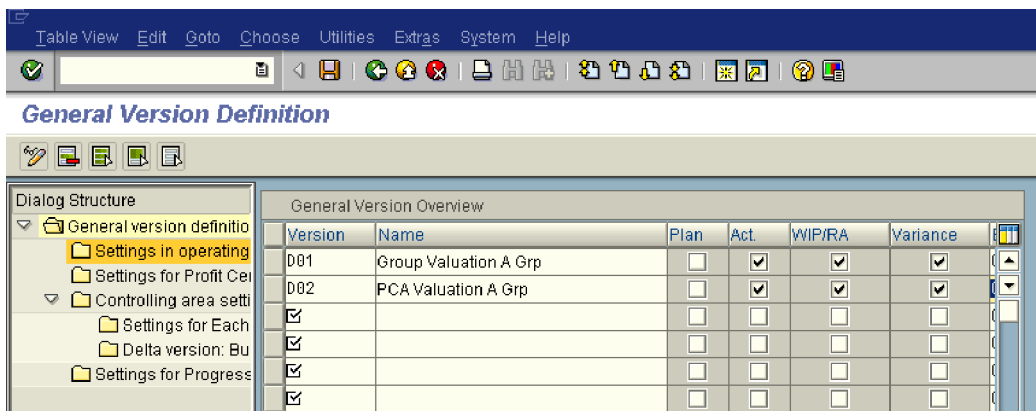
Click on Save 

2.3 Create Versions for Valuation Methods

IMG à Controlling à General Controlling à Multiple Valuation Approaches/Transfer Prices à Basic Settings à Create Versions for Valuation Methods

Click on 

Update the following:-



General Version Definition

Version	Name	Plan	Act.	WIP/RA	Variance
D01	Group Valuation A Grp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D02	PCA Valuation A Grp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

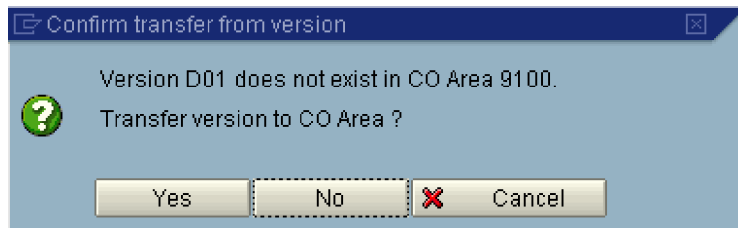
SAP CONTROLLING CONFIGURATION 4.7

Click on 

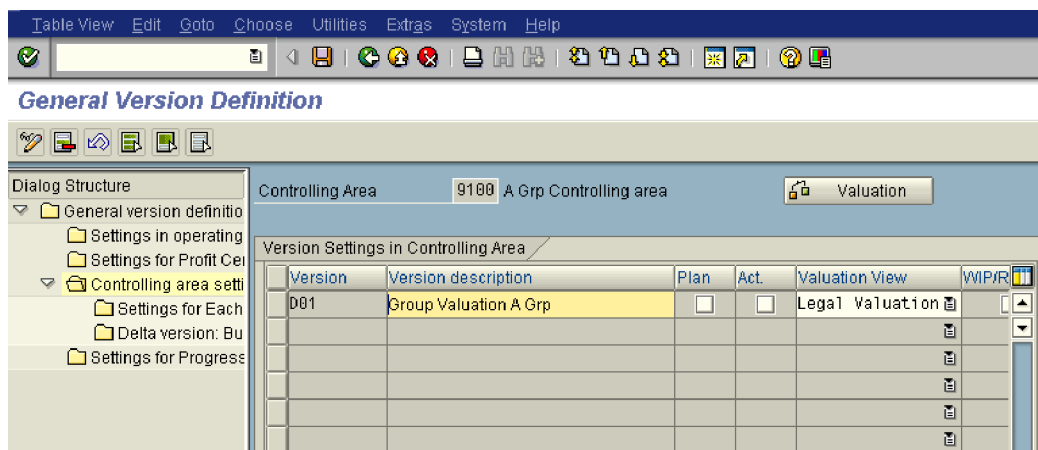
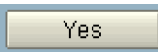
Select

Version	Name	Plan	Act.	WIP/RA	Variance
D01	Group Valuation A Grp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

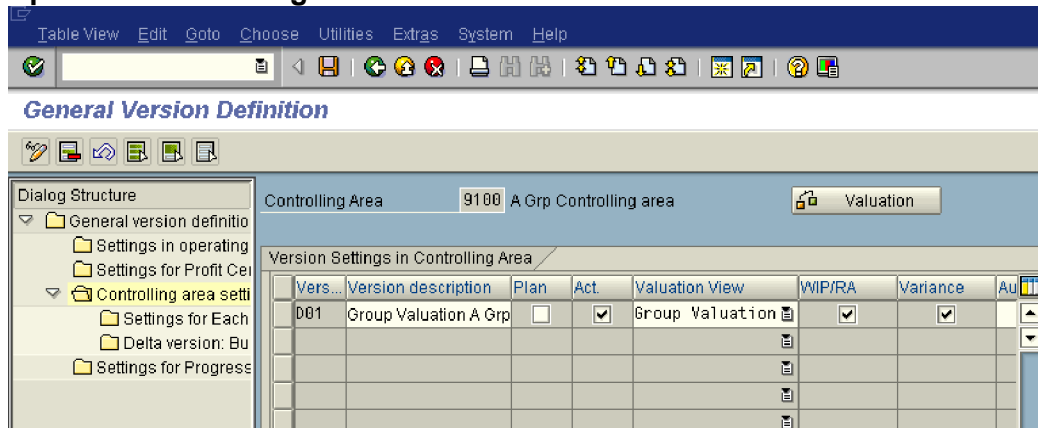
And Double Click on  Controlling area settings



Click



Update the following:-



Click on 

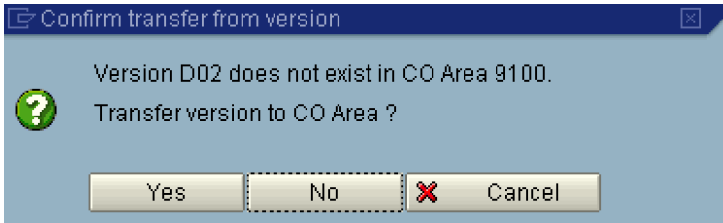
SAP CONTROLLING CONFIGURATION 4.7

Click 

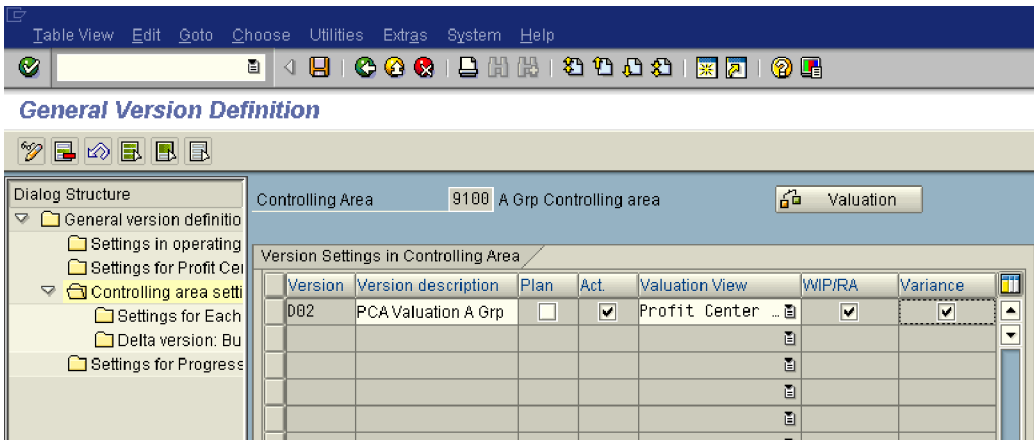
Select

D02	PCA Valuation A Grp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-----	---------------------	--------------------------	-------------------------------------	-------------------------------------	-------------------------------------

Double click  Controlling area sett



Select Yes to transfer version and update the following: -




Click on Save 

Click 

Select

Version	Name	Plan	Act.	WIP/RA	Variance
D01	Group Valuation A Grp	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Double click  Settings for Each

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Determine Work Area: Entry

Work Area

Controlling Area 9100

Version D01

Further select cond. Append

Click on 

Update the following:-

Table View Edit Goto Choose Utilities System Help

New Entries: Details of Added Entries

Dialog Structure

- General version definitio
 - Settings in operating
 - Settings for Profit Cel
- Controlling area setti
 - Settings for Each
 - Delta version: Bu
 - Settings for Progress

CO Area 9100 A Grp Controlling area

Version D01 Group Valuation A Grp

Fiscal Year 2006

Planning Price calculation

General indicators

- Version Locked
- Integrated Planning
- Copying Allowed

Currency translation

Exchange Rate Type P Standard translation for cost planning

Value Date 01.01.2006

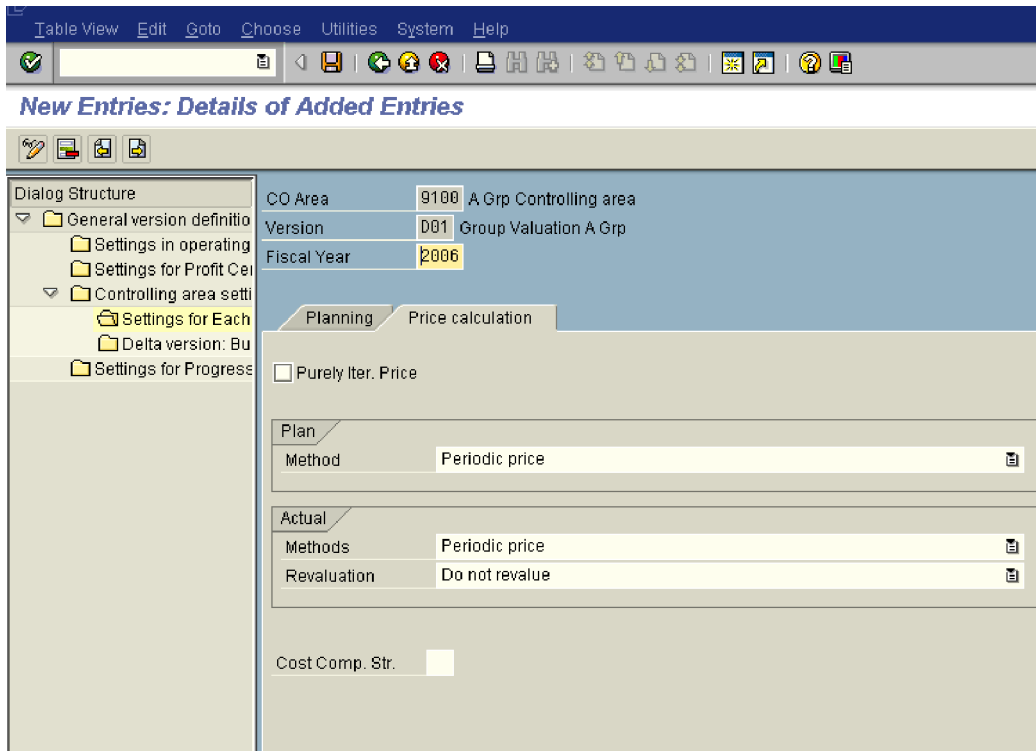
Orders/projects

- Integrated planning with cost centers/bus. processes
- Version for ind.act.alloc. 0 Plan/Act - Version

Resource planning

Val. Variant

SAP CONTROLLING CONFIGURATION 4.7



Similarly maintain for version D02

2.4 Define Valuation Clearing Account

IMG à Controlling à General Controlling à Multiple Valuation Approaches/Transfer Prices à Level of Detail à Define Valuation Clearing Account

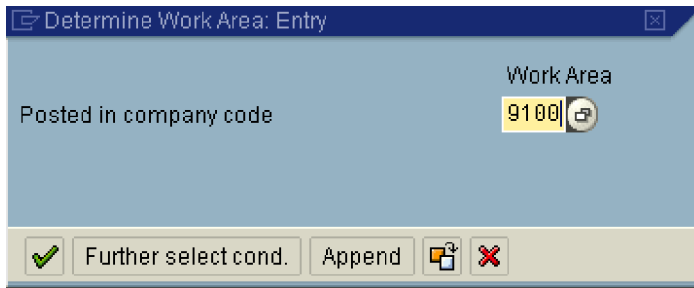
Here we specify profit and loss accounts for valuation differences that arise in business transactions between group companies.

When we use parallel valuation approaches/transfer prices, payables and receivables are only posted using legal valuation, since that represents the amount in which the payment is made. If, however, we want to record other valuation approaches in the valuation clearing account, we need to post the difference to accounts for intercompany profits so that this amount appears in the group report. The system assigns the valuation difference for each item to the corresponding profit center.

With this function we can designate valuation-clearing accounts in which to record valuation differences separately for each company code and partner company.

Update the following: -

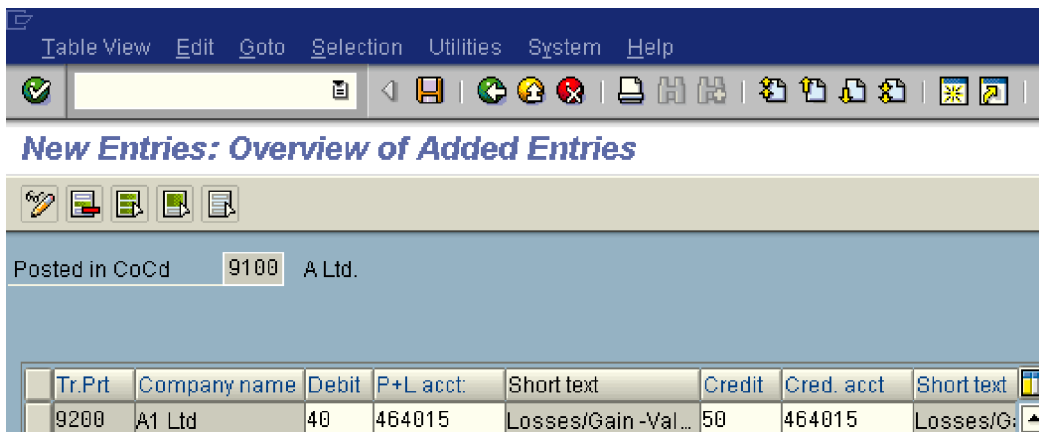
SAP CONTROLLING CONFIGURATION 4.7



Click

Click on

Update the following:-



The trading partner 9200 is the company created for company code 9200.

Click on Save

2.5 Multiple Valuation Approaches: Check / Execute Activation

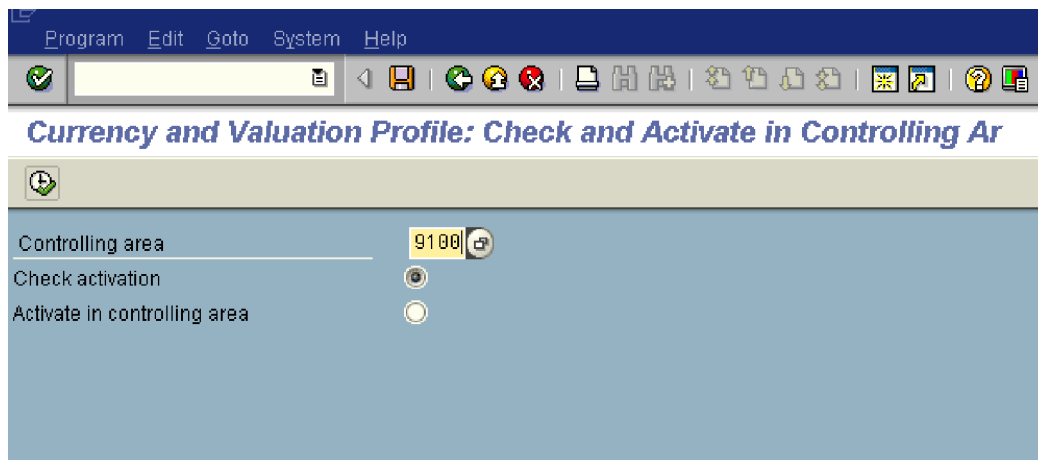
IMG à Controlling à General Controlling à Multiple Valuation Approaches/Transfer Prices à Activation à Multiple Valuation Approaches: Check/Execute Activation

Enter the controlling area 9100 and click to check activation.

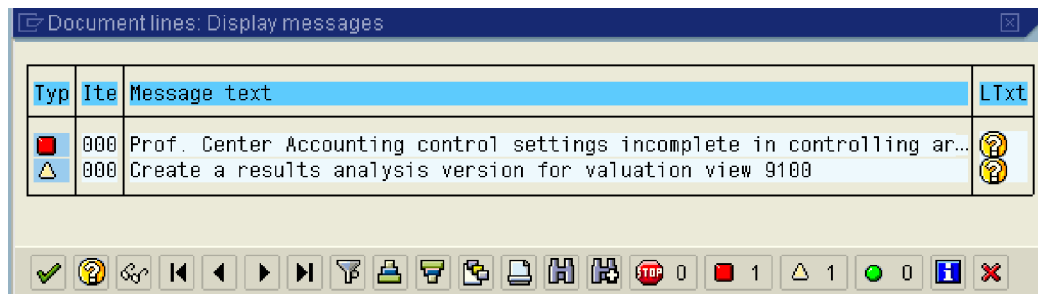
**We also need to maintain the settings in profit center accounting
Thereafter, we can activate the currency and valuation profile.**

SAP CONTROLLING CONFIGURATION 4.7

If Plant is assigned to the company code, then Material ledger needs to be activated for the plant. Further Material Ledger type needs to be assigned to the valuation area.

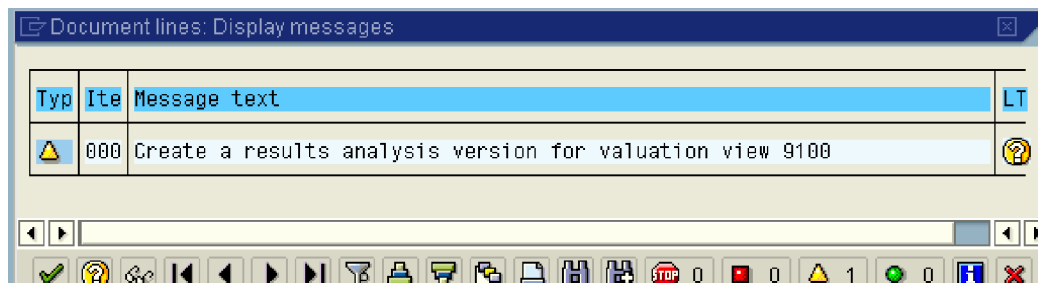


Click on  to check activation. The message given is as follows



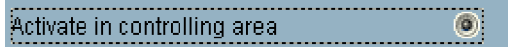

Therefore we need to first maintain the profit center settings and then execute this step.

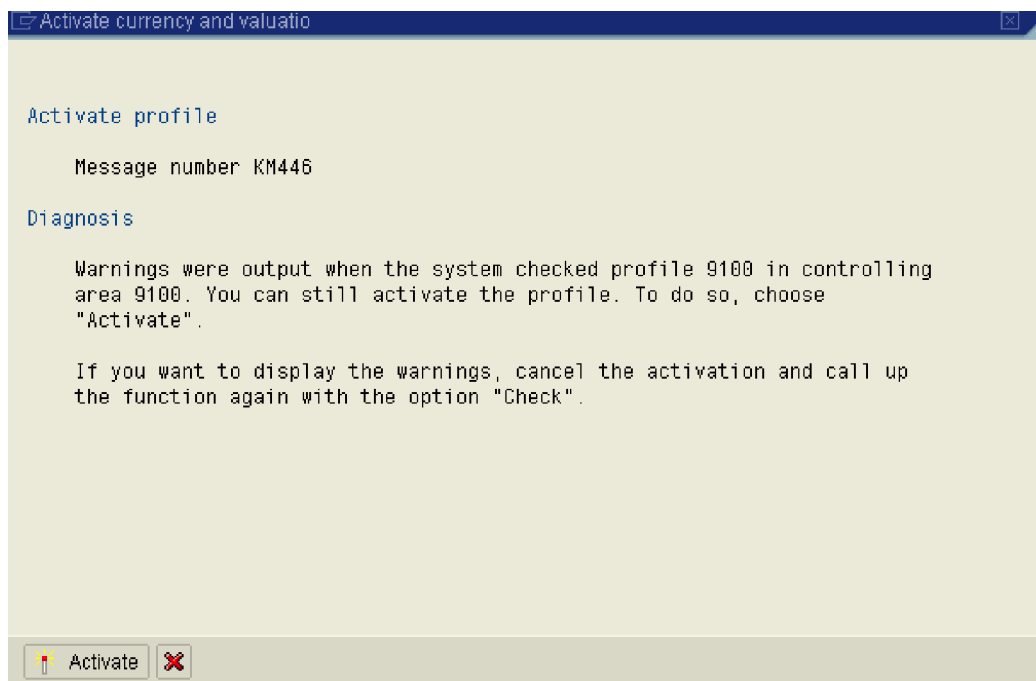
After maintaining the profit center settings we will get the following message.



We need to create result analysis version 0 in the product cost controlling component. Nevertheless we can still activate the currency and valuation profile.

SAP CONTROLLING CONFIGURATION 4.7

Select radio button  and click 



Click 

3 Production Start-Up Preparation

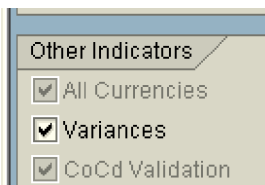
3.1 Set "Update All Currencies" Indicator

IMG à Controlling à General Controlling à Production Start-Up Preparation
à Set "Update All Currencies" Indicator

In this step we activate or reset the update all currencies indicator. The Update all currencies indicator enables us to reduce the amount of memory used when posting data to CO objects (for example, cost centers or orders). However, it only works if our database system compresses empty fields. If you are not sure whether your database system compresses empty fields, you should **always** activate this indicator.


This is automatically set when we create the controlling area which can be seen below

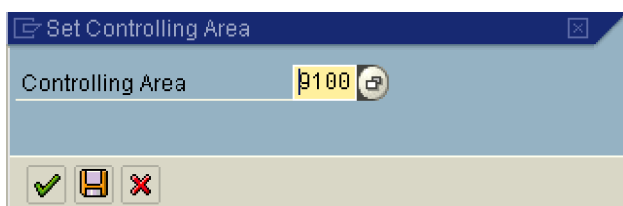
SAP CONTROLLING CONFIGURATION 4.7



As such this step is not required


In case it is not set we need to the following steps.

Click on 



Remove the test run and select



Click on 

4 Cost Element Accounting

4.1 Make Default Settings

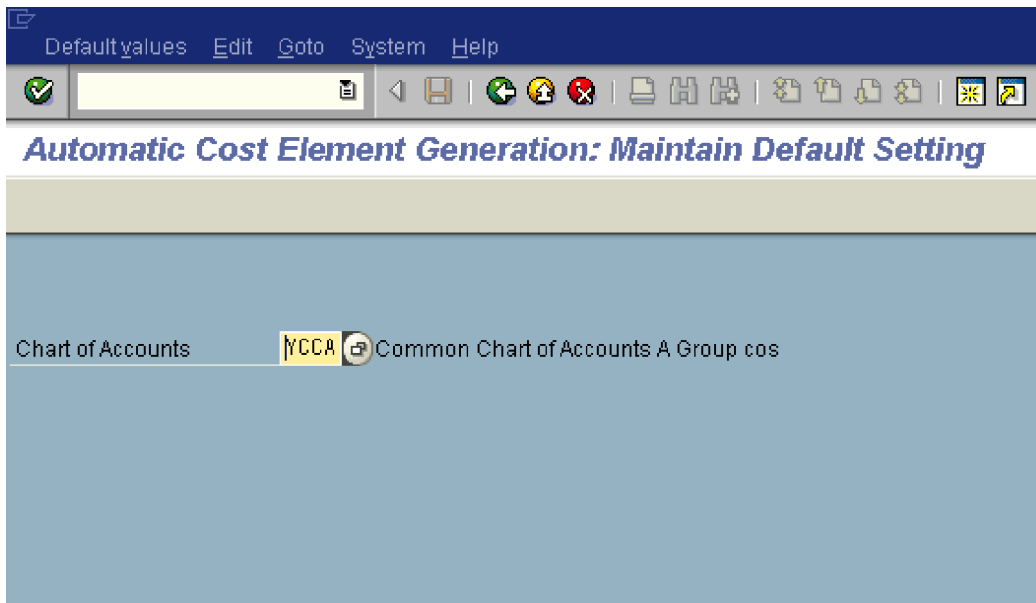
IMG à Controlling à Cost Element Accounting à Master Data à Cost Elements à Automatic Creation of Primary and Secondary Cost Elements à Make Default Settings

Here we give the cost elements individually or as an interval with the corresponding cost element category in the default setting. The cost elements are created by a batch input session using this default setting.

These defaults are used for automatic generation of primary and secondary cost elements.

SAP CONTROLLING CONFIGURATION 4.7

Update the following: -



Click 

SAP CONTROLLING CONFIGURATION 4.7

Update the following:-

Automatic Cost Element Generation: Maintain Default Setting

Chart of Accounts: YCCA Common Chart of Accounts A Group cos

Acct from	Account to	CE...	Short text
400000	462200	1	Primary costs/cost-reducing revenues
462202	465999	1	Primary costs/cost-reducing revenues
466000	466999	22	External settlement
467000	484199	1	Primary costs/cost-reducing revenues
484200	484299	11	Revenues
484300	499999	1	Primary costs/cost-reducing revenues
810000	827198	11	Revenues
827200	899799	11	Revenues
899800	899899	1	Primary costs/cost-reducing revenues

Entry 1 of 9

Click on Save 

4.2 Create Batch Input Session

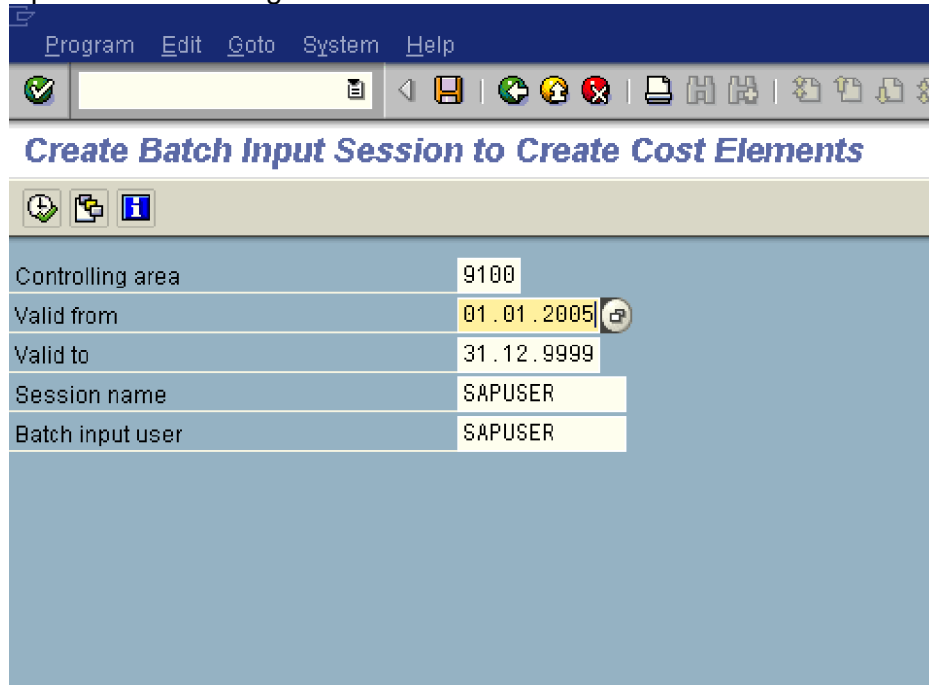
IMG à Controlling à Cost Element Accounting à Master Data à Cost Elements à Automatic Creation of Primary and Secondary Cost Elements à Create Batch Input Session

Here we generate a batch input session for each controlling area in order to create cost elements.

The SAP System determines the chart of accounts to be processed (including the cost elements to be created) according to the company code and chart of accounts to which the controlling area is assigned.

SAP CONTROLLING CONFIGURATION 4.7

Update the following: -

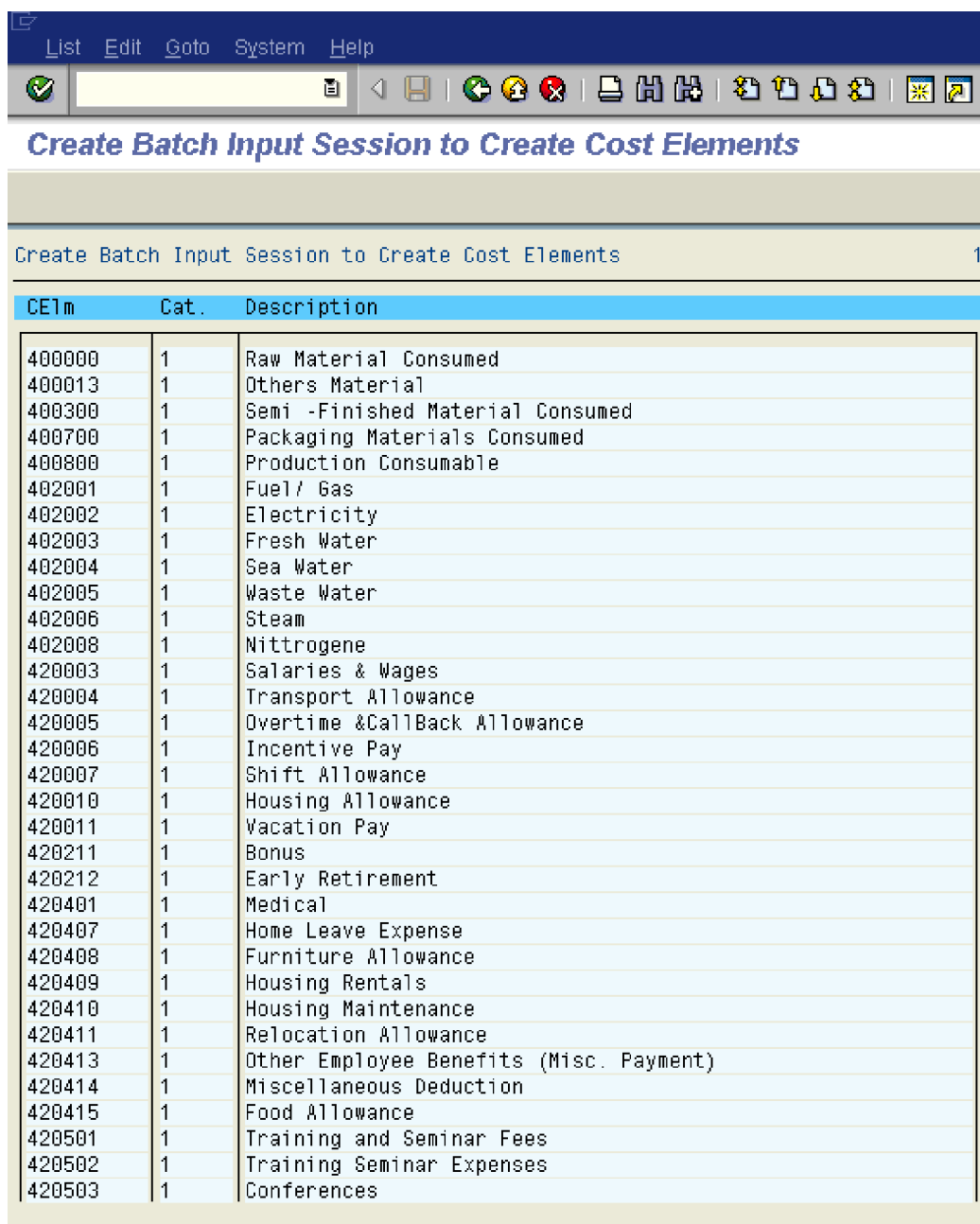


The screenshot shows the SAP 'Create Batch Input Session to Create Cost Elements' dialog box. The window title is 'Create Batch Input Session to Create Cost Elements'. The dialog contains the following fields:

Controlling area	9100
Valid from	01.01.2005
Valid to	31.12.9999
Session name	SAPUSER
Batch input user	SAPUSER

Click Execute 

SAP CONTROLLING CONFIGURATION 4.7



Create Batch Input Session to Create Cost Elements 1

CE1m	Cat.	Description
400000	1	Raw Material Consumed
400013	1	Others Material
400300	1	Semi -Finished Material Consumed
400700	1	Packaging Materials Consumed
400800	1	Production Consumable
402001	1	Fuel/ Gas
402002	1	Electricity
402003	1	Fresh Water
402004	1	Sea Water
402005	1	Waste Water
402006	1	Steam
402008	1	Nitrogene
420003	1	Salaries & Wages
420004	1	Transport Allowance
420005	1	Overtime &CallBack Allowance
420006	1	Incentive Pay
420007	1	Shift Allowance
420010	1	Housing Allowance
420011	1	Vacation Pay
420211	1	Bonus
420212	1	Early Retirement
420401	1	Medical
420407	1	Home Leave Expense
420408	1	Furniture Allowance
420409	1	Housing Rentals
420410	1	Housing Maintenance
420411	1	Relocation Allowance
420413	1	Other Employee Benefits (Misc. Payment)
420414	1	Miscellaneous Deduction
420415	1	Food Allowance
420501	1	Training and Seminar Fees
420502	1	Training Seminar Expenses
420503	1	Conferences

4.3 Execute Batch Input Session

IMG à Controlling à Cost Element Accounting à Master Data à Cost Elements à Automatic Creation of Primary and Secondary Cost Elements à Execute Batch Input Session

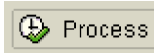
Here we execute a batch input session and thereby generate cost elements.

SAP CONTROLLING CONFIGURATION 4.7

Select the session

Session name	Sta...	Created by	Date	Time	Creation Pro...	Lock date	Authorizat.	Trans.	
SAPUSER		SAPUSER	21.01.2006	18:31:37	RKBIKA00		SAPUSER	74	0

And click

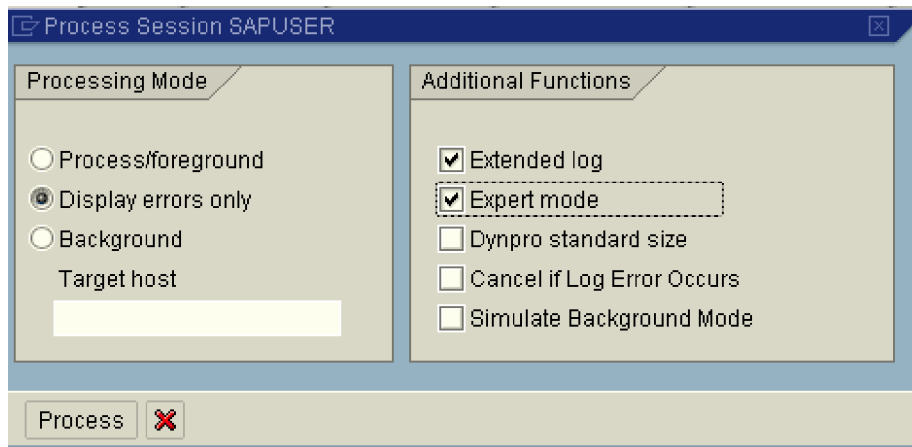


Select Display errors only and

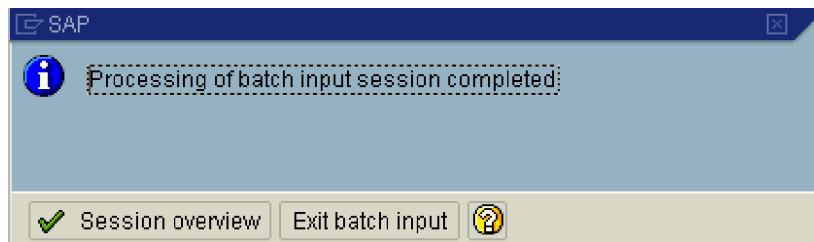
Select Extended log

Select Expert mode

Deselect Dynpro standard size



Click



Click

5 Reconciliation Ledger

5.1. *Activate/Deactivate Reconciliation Ledger*

IMG à Controlling à Cost Element Accounting à Reconciliation Ledger à Activate/Deactivate Reconciliation Ledger

In the reconciliation ledger, the data from Accounting is summarized and valued. Cost flows occurring exclusively in Controlling (secondary postings) between company code and business area boundaries which are not noted in Financial Accounting, can be passed on through Reconciliation ledger. Thus Reconciliation between Financial accounting (external) and controlling (internal) is possible.

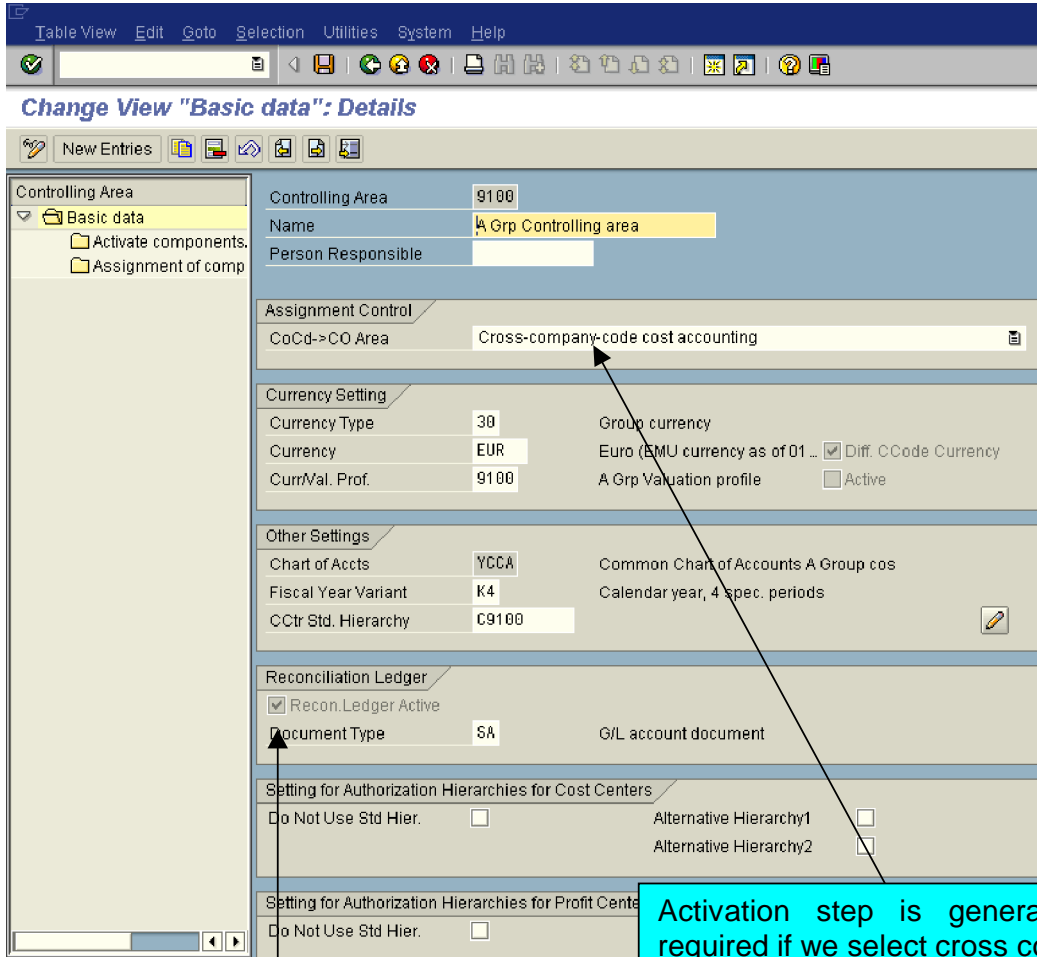
You do not need the reconciliation ledger in the following situations:

- no profit and loss accounting using cost of sales accounting occurs
- there is no interest in cross-application reports
- there is no interest in evaluating cross-company-code and cross-business area postings

Controlling area maintenance indicates whether the reconciliation ledger is activated or deactivated for the controlling area.

This activation step is generally not required if we select cross company cost accounting when maintaining controlling area which can be seen below.

SAP CONTROLLING CONFIGURATION 4.7



Indicates reco. Ledger is active

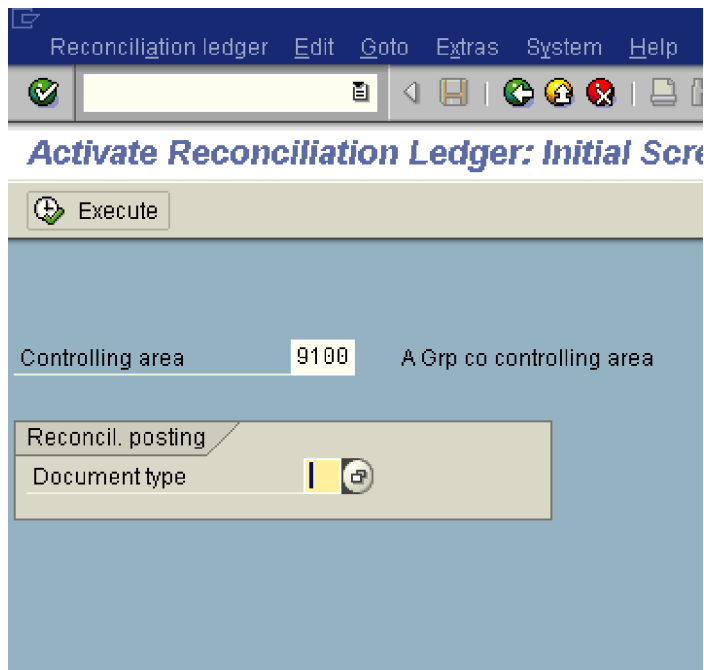
Activation step is generally not required if we select cross company cost accounting when maintaining controlling area which can be seen below.

In case the reconciliation ledger is still not active we can proceed as follows:-

Double Click Activate Reconciliation Ledger

Update the following: -

SAP CONTROLLING CONFIGURATION 4.7



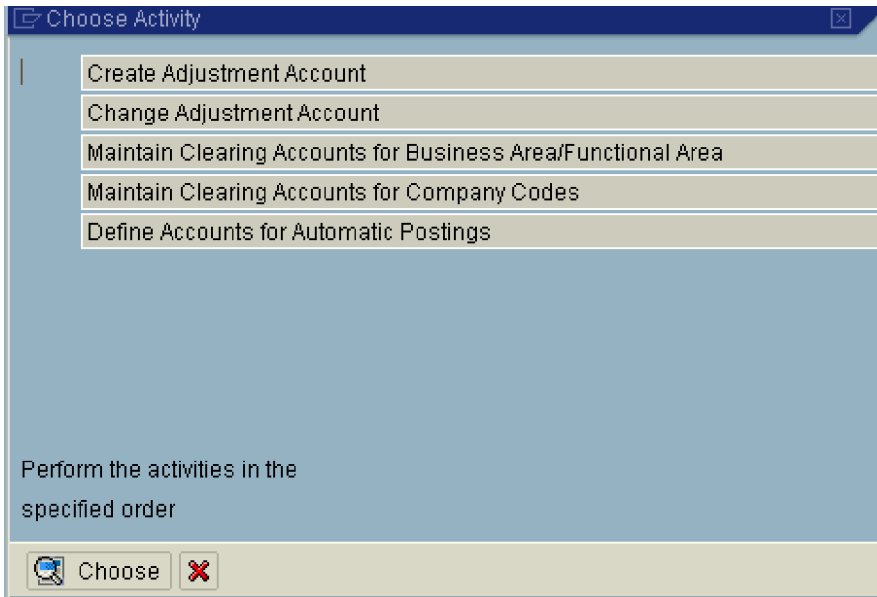
Click on 

5.2 Define Adjustment Accounts for Reconciliation Posting

IMG à Controlling à Cost Element Accounting à Reconciliation Ledger à Define Adjustment Accounts for Reconciliation Posting

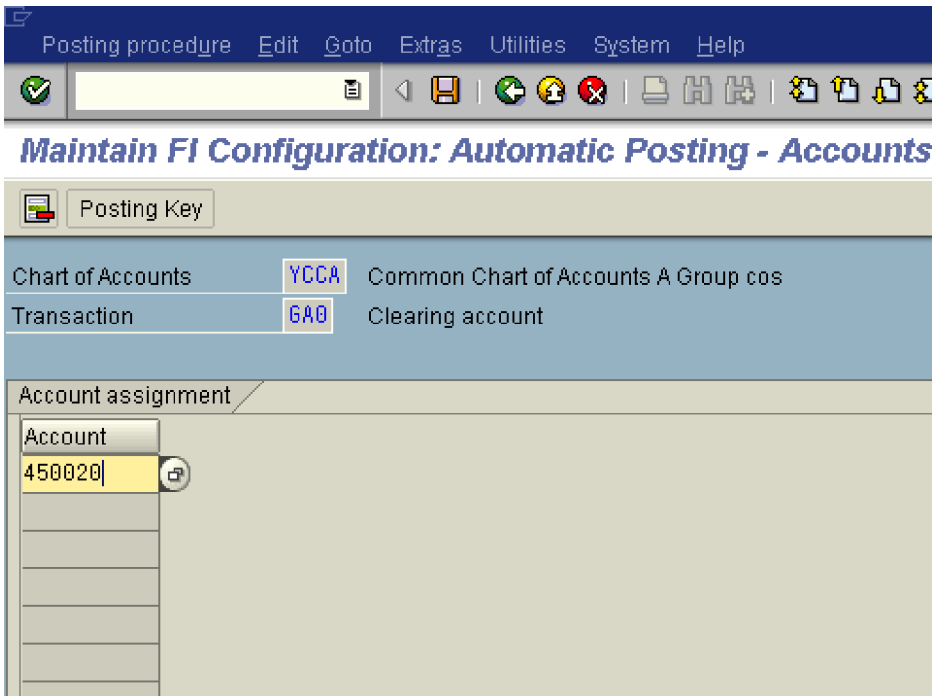
Create a GL account in FI for the FI-CO reconciliation. In our example we have created a GL code **450020 FICO Reconciliation account**

SAP CONTROLLING CONFIGURATION 4.7



Double Click **Maintain Clearing Accounts for Business Area/Functional Area**

Update chart of accounts YCCA and update the following: -



Click on Save 

Double Click **Maintain Clearing Accounts for Company Codes**

SAP CONTROLLING CONFIGURATION 4.7

Company code 1 9100
Company code 2 9200

✓ ✗

Posting procedure Edit Goto Extras Utilities System Help

Maintain FI Configuration: Automatic Posting - Clearing Accounts

Transaction **BUV** Clearing between company codes

Company Code 1	
Posted in	9100
Cleared against	9200
Receivable	
Debit posting key	01
Account debit	9200
Payable	
Credit posting key	31
Account credit	9200

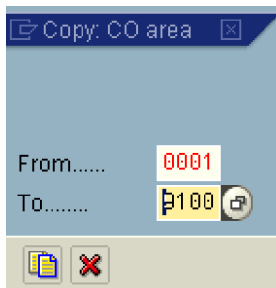
Company Code 2	
Posted in	9200
Cleared against	9100
Receivable	
Debit posting key	01
Account debit	9100
Payable	
Credit posting key	31
Account credit	9100

Click on Save 

5.3 Specify Document Number Range for Reconciliation Posting

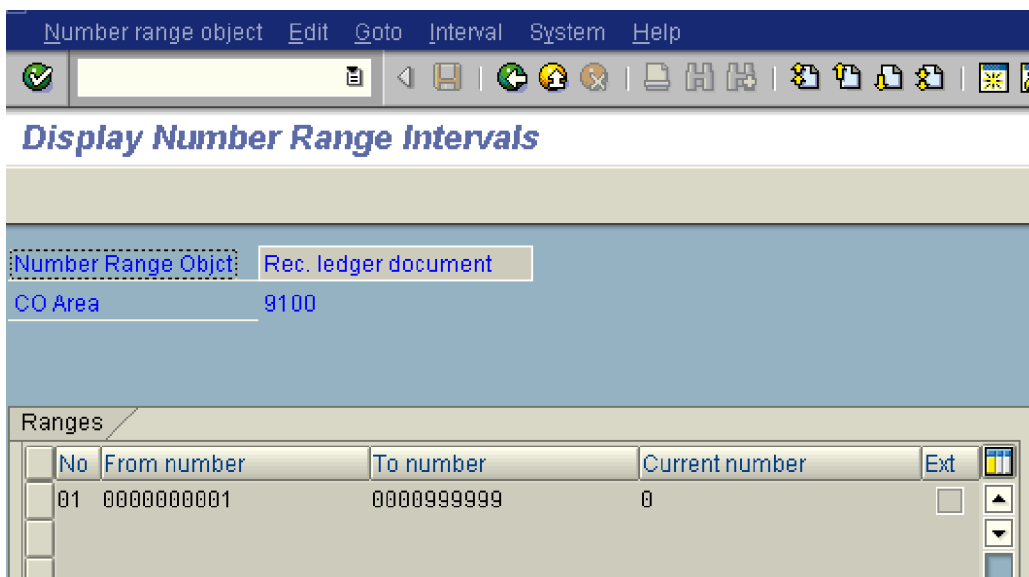
IMG à Controlling à Cost Element Accounting à Reconciliation Ledger à Specify Document Number Range for Reconciliation Posting

Click on  and update the following: -



Click 

Click  Intervals



6 Cost Center Accounting

6.1 Define Standard Hierarchy

IMG à Controlling à Cost Center Accounting à Master Data à Cost Centers à Define Standard Hierarchy

The hierarchy logic is as follows.

The top node (first level) C9100 is the total A group node.

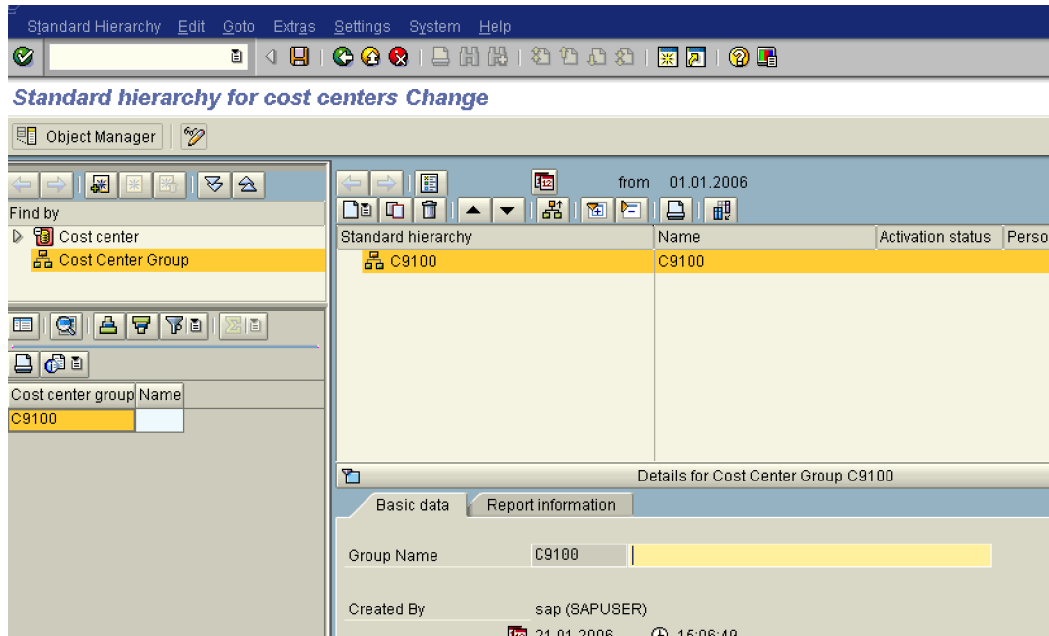
The second level is the company which is represented by 2 digits 91

SAP CONTROLLING CONFIGURATION 4.7

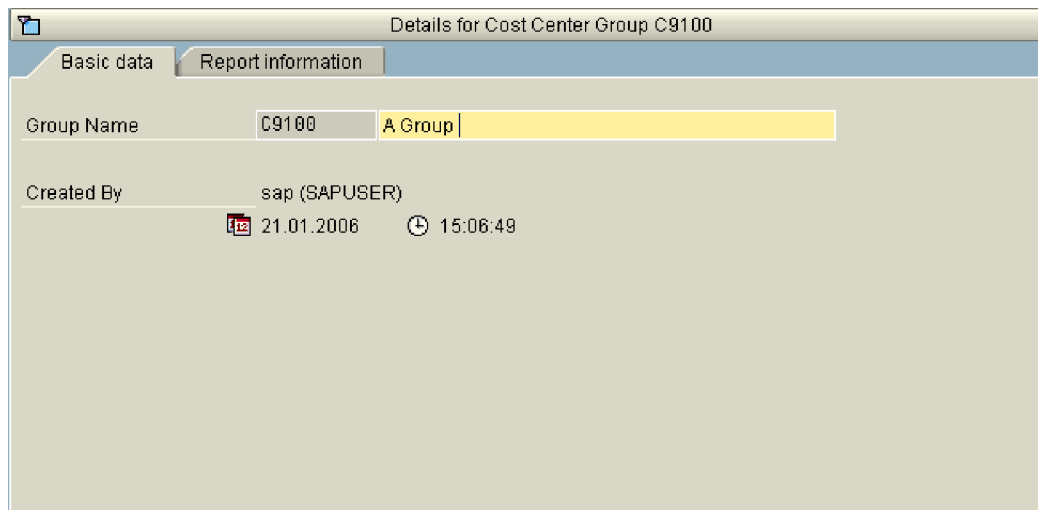
The third level is the function 01 – Production 02 maintenance etc.
Therefore we create 9101 as production

At the fourth level we create the cost center.

Thus the cost center numbering is 9101000 – Production common.
The first 2 digits from the left 91 represent company code
The 3rd and 4th digit represents function
The 5th 6th 7th digit represents running number.



Update the following:-



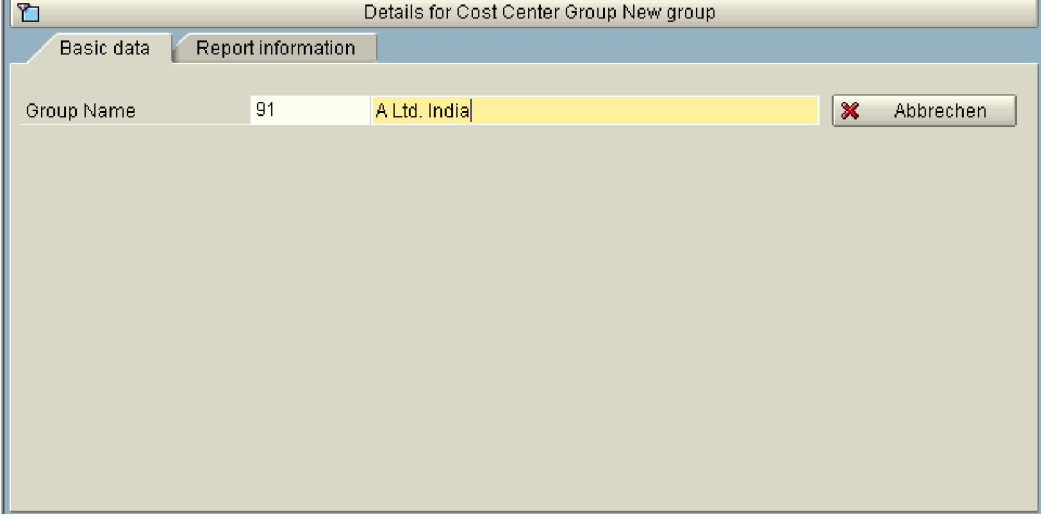
SAP CONTROLLING CONFIGURATION 4.7

Click 

Select Lower level group


<u>L</u> ower-Level Group
<u>G</u> roup at Same Level
<u>C</u> ost Center

And update the following: -




Details for Cost Center Group New group

Basic data | Report information

Group Name: 91 | A Ltd. India |  Abbrechen

Click on **Save** 

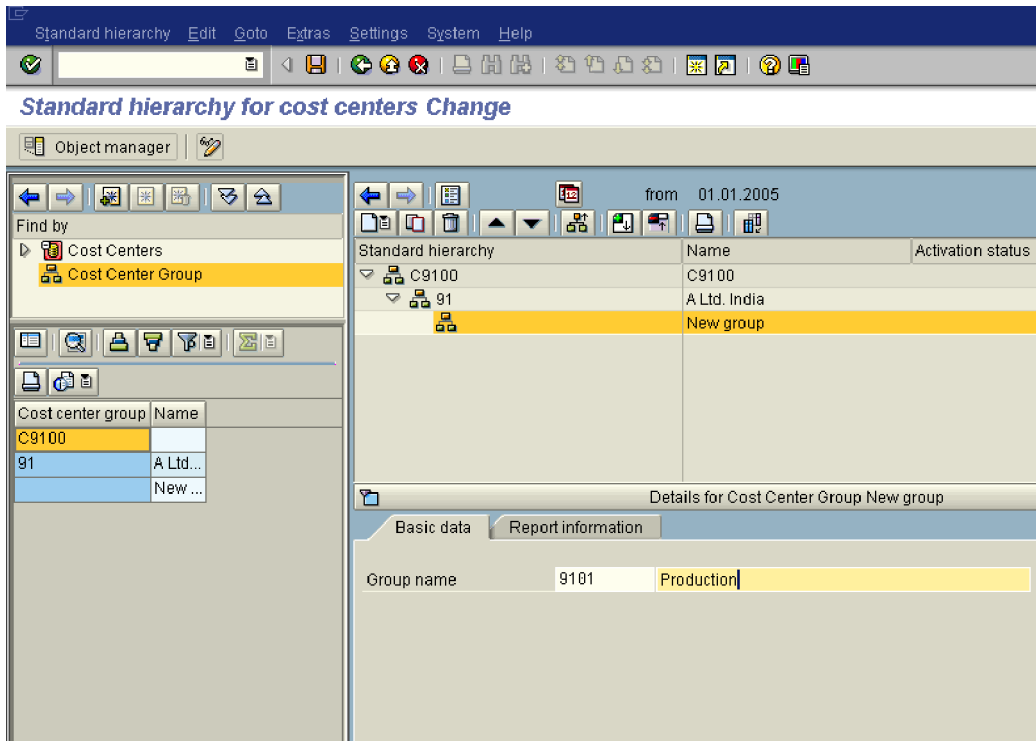
Create a lower level node below 91, by position your cursor on 91

Click on  and select

<u>L</u> ower-Level Group
<u>G</u> roup at Same Level
<u>C</u> ost Center

 and update the following: -

SAP CONTROLLING CONFIGURATION 4.7

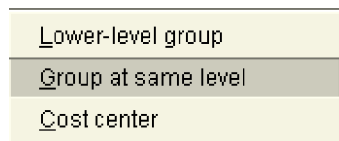


Click on Save 

Create another cost center group. Position your cursor on  9101

Click 

Select Group at same level and update the following



SAP CONTROLLING CONFIGURATION 4.7

Details for Cost Center Group New group

Basic data | Report information

Group Name: 9102 Maintenance

Abbrechen

Click on Save 

Similarly create other cost center groups which would like this.

Standard hierarchy

from 01.01.2006

Standard hierarchy	Name	Activation status	P
▼ C9100	A Group		
▼ 91	A Ltd. India		
9101	Production		
9102	Maintenance		
9103	Utilities		
9104	Engineering & Project		
9105	Quality Assurance		
9106	Production planning		
9107	Packaging Operations		
9108	Product handling and storage		
9109	Executive Office		
9110	Finance		
9111	Human Resources		
9112	Information Technology		
9113	Purchasing		
9118	Company General		

6.2 Define Cost Center Categories

IMG à Controlling à Cost Center Accounting à Master Data à Cost Centers à Define Cost Center Categories

SAP CONTROLLING CONFIGURATION 4.7

We can define our own cost center categories or use SAP supplied cost center categories.

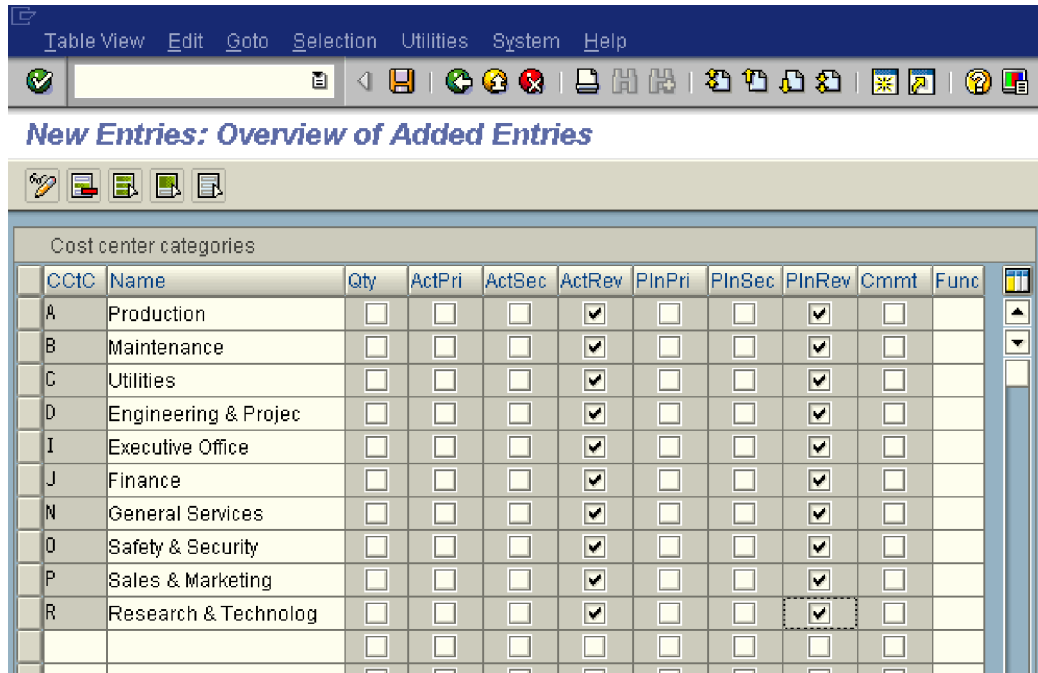
The cost center categories basically help in setting defaults on the cost center master data.

We will lock **actual revenue posting** and **Planned revenue posting** in all of the cost center categories.

The cost center category when selected during the cost center master creation, defaults this indicator such as Lock actual revenue and lock plan revenue.

Click on 

Update the following:-



The screenshot shows the SAP 'New Entries: Overview of Added Entries' window. The window title is 'New Entries: Overview of Added Entries'. The table below lists cost center categories with columns for CCTC, Name, Qty, ActPri, ActSec, ActRev, PlnPri, PlnSec, PlnRev, Cmmt, and Func. The 'ActRev' and 'PlnRev' columns have checkboxes, and the 'PlnRev' column for 'Research & Technolog' is highlighted with a dashed border.

CCTC	Name	Qty	ActPri	ActSec	ActRev	PlnPri	PlnSec	PlnRev	Cmmt	Func
A	Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B	Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C	Utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D	Engineering & Projec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
I	Executive Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J	Finance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
N	General Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
O	Safety & Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P	Sales & Marketing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
R	Research & Technolog	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Click on 

Rename some of the existing cost center categories

The total cost center categories are:-

SAP CONTROLLING CONFIGURATION 4.7

The screenshot shows the SAP Controlling Configuration 4.7 interface. The title bar indicates 'Change View "Cost center categories": Overview'. The table below lists various cost center categories with their respective settings for quantity, activity, and planning.

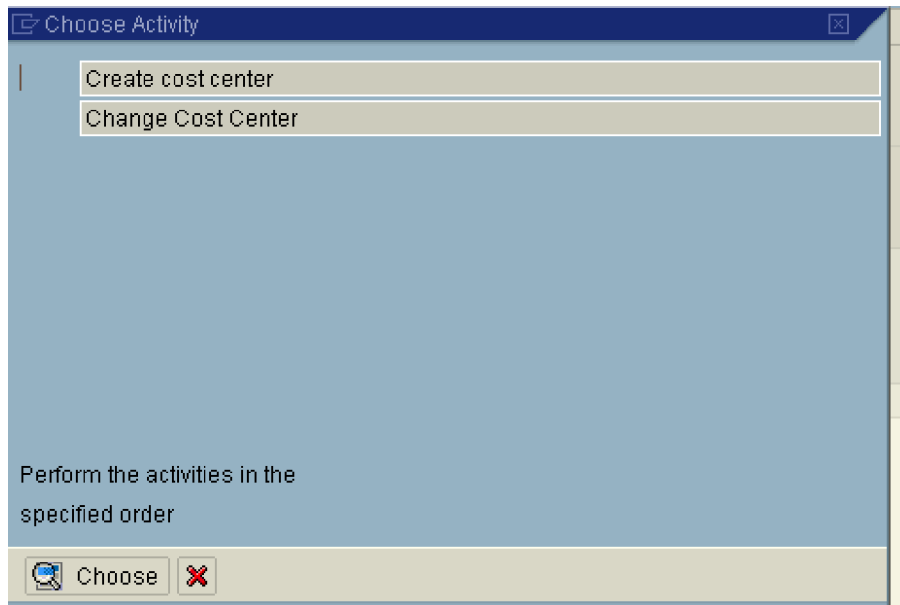
CCTC	Name	Qty	ActPri	ActSec	ActRev	PlnPri	PlnSec	PlnRev	Cmmt	Func
A	Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B	Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C	Utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D	Engineering & Projec	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E	Quality Assurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F	Production planning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G	Product Handling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H	Warehouse & Storage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
I	Executive Office	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J	Finance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
L	IT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
M	Purchasing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
N	General Services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
O	Safety & Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P	Sales & Marketing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
R	Research & Technolog	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
S	Company General	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
V	Sales	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
W	Administration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Click on Save 

6.3 Create Cost Center

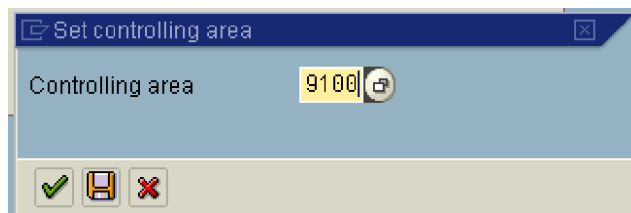
IMG à Controlling à Cost Center Accounting à Master Data à Cost Centers à Create Cost Centers

SAP CONTROLLING CONFIGURATION 4.7



Double Click on

Click on Extras à Set controlling area



SAP CONTROLLING CONFIGURATION 4.7

Update the following: -

The screenshot displays the SAP 'Create Cost Center: Initial Screen' interface. At the top, there is a menu bar with 'Cost Center', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title is 'Create Cost Center: Initial Screen'. A 'Master Data' tab is selected. The form contains the following fields:

Cost Center	0101011	
Valid From	01.01.2005	to 31.12.9999

Below this is a 'Reference' section with two input fields:

Cost center	
Controlling Area	

SAP CONTROLLING CONFIGURATION 4.7

Cost Center Edit Goto Extras Environment System Help

Create Cost Center: Basic Screen

Drilldown

Cost Center	9101011	EG-1 Plant
Controlling Area	9100	A Grp Controlling area
Valid From	01.01.2005	to 31.12.9999

Basic data Control Templates Address Communication History

Names

Name	EG-1 Plant
Description	EG-1 Plant

Basic data

Person Responsible	Steve Bucknor
Department	
Cost Center Category	A Production
Hierarchy area	9101 Production
Company Code	9100 A Ltd.
Business Area	
Functional Area	
Currency	INR
Profit Center	1100 Ethylene

SAP CONTROLLING CONFIGURATION 4.7

The screenshot shows the SAP 'Create Cost Center: Indicators' dialog box. The title bar includes 'Cost Center', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. The main area displays the following data:

Cost Center	9101011	EG-1 Plant
Controlling Area	9100	A Grp Controlling area
Valid From	01.01.2005	to 31.12.9999

Below the data are tabs for 'Basic data', 'Control', 'Templates', 'Address', 'Communication', and 'History'. The 'Basic data' tab is active, showing a 'Record Quantity' checkbox (unchecked). A 'Lock' section contains the following options:

<input type="checkbox"/> Actual primary costs	<input type="checkbox"/> Act. secondary costs	<input checked="" type="checkbox"/> Actual revenues
<input type="checkbox"/> Plan primary costs	<input type="checkbox"/> Plan secondary costs	<input checked="" type="checkbox"/> Plan revenues
<input type="checkbox"/> Commitment update		

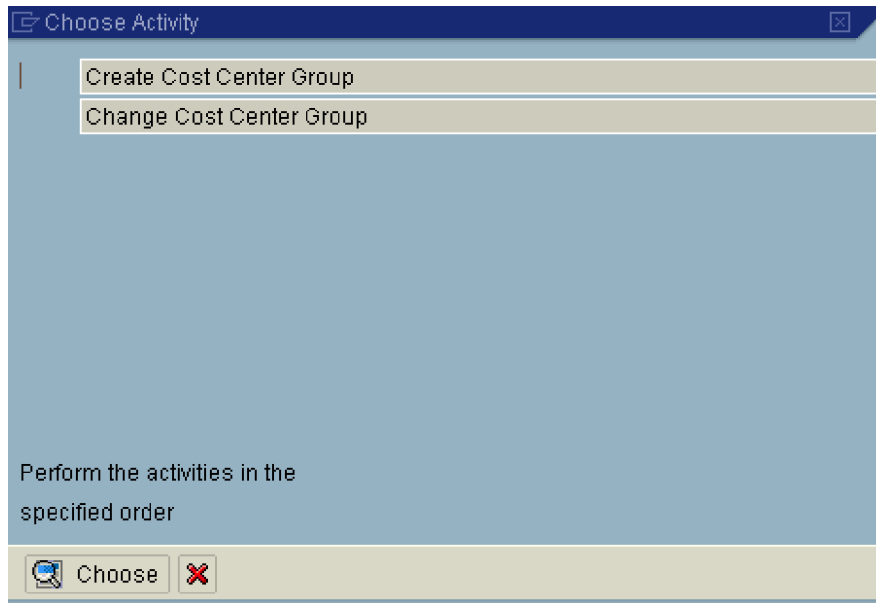
Notice that Actual revenues and Plan revenues lock are defaulted. **These defaults were set in the cost center category A.**

Click on Save 

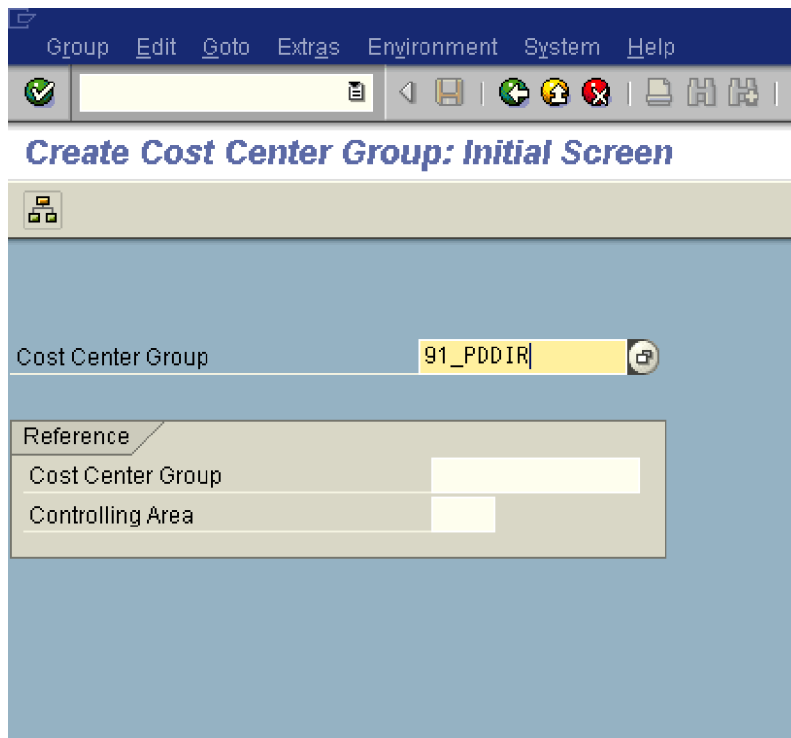
6.4 Define Cost Center Groups

IMG à Controlling à Cost Center Accounting à Master Data à Cost Centers à Define Cost Center Groups

SAP CONTROLLING CONFIGURATION 4.7

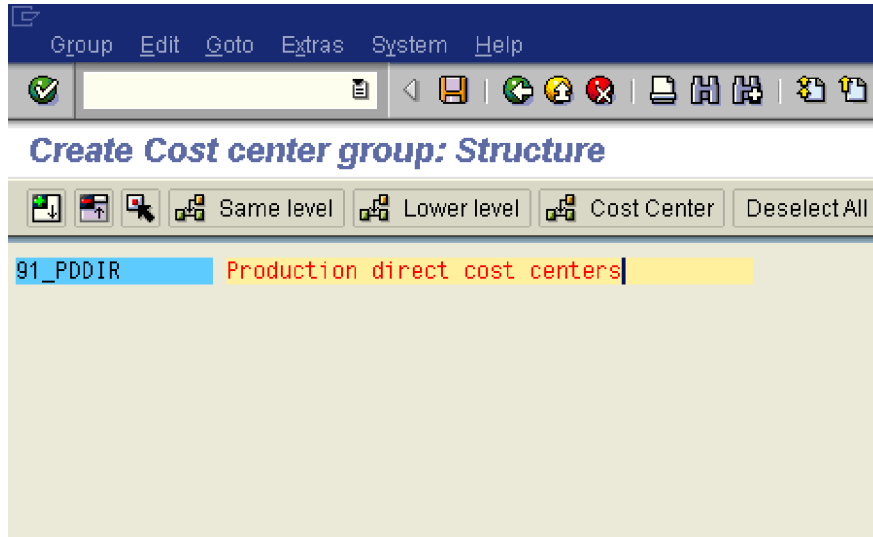


Double Click **Create Cost Center Group** and update the following: -

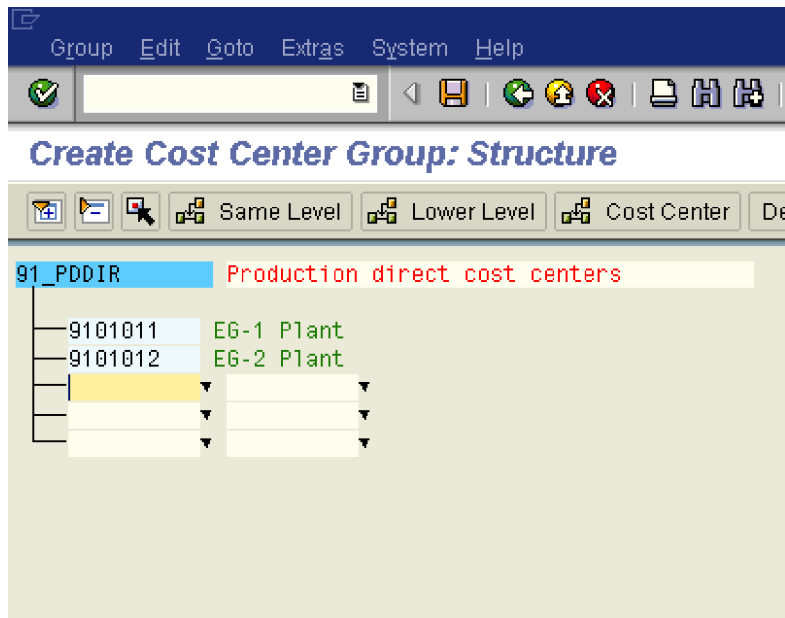


SAP CONTROLLING CONFIGURATION 4.7

Update the following: -



Click on  and update the following: -

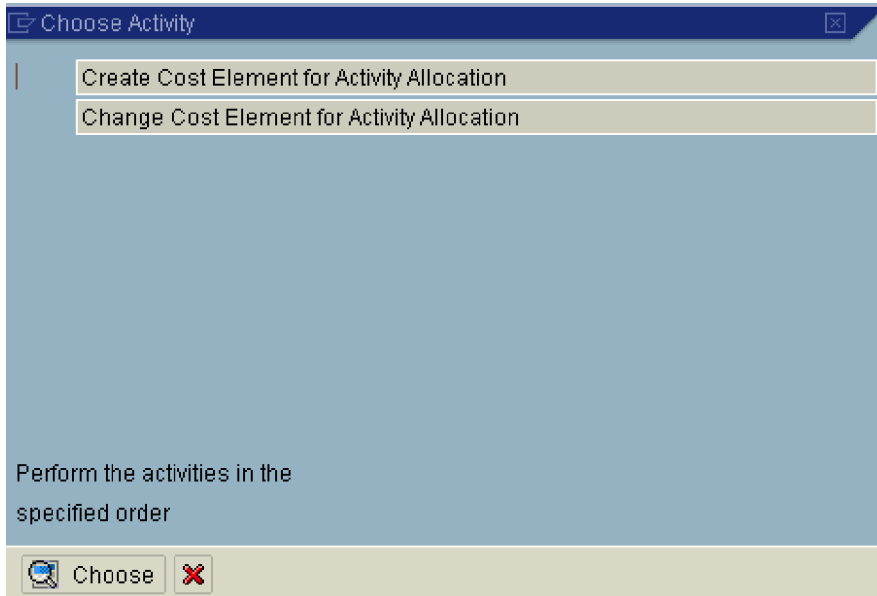


Click on Save 

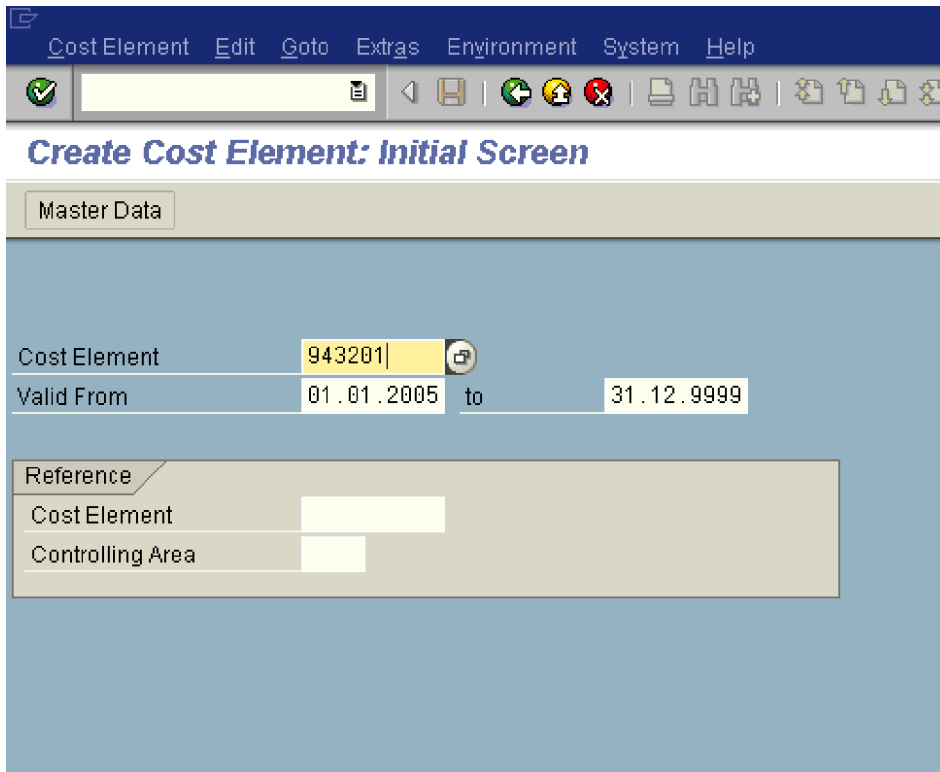
6.5 Define Cost Elements for Activity Allocation

IMG à Controlling à Cost Center Accounting à Master Data à Activity Types à Define Cost Elements for Activity Allocation

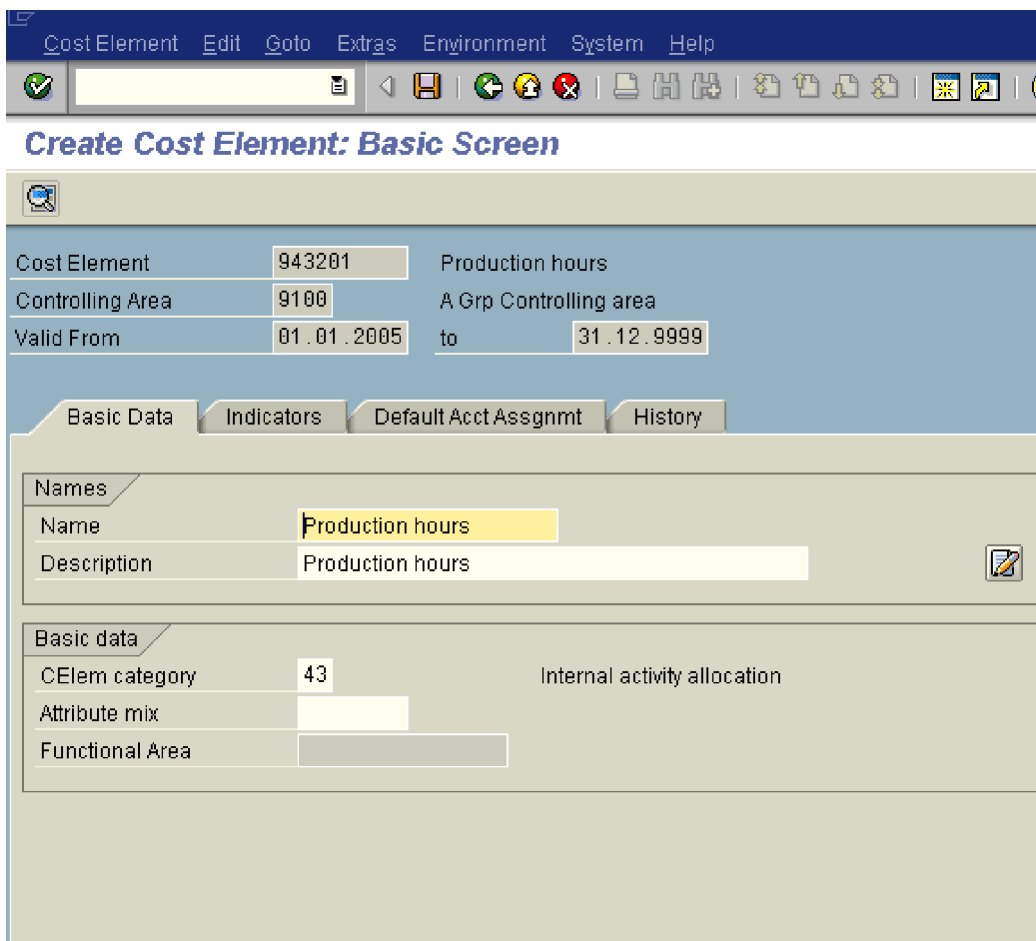
SAP CONTROLLING CONFIGURATION 4.7



Double Click **Create Cost Element for Activity Allocation** and update the following:-



SAP CONTROLLING CONFIGURATION 4.7



The screenshot displays the SAP 'Create Cost Element: Basic Screen' interface. The title bar includes 'Cost Element Edit Goto Extras Environment System Help'. The main content area is titled 'Create Cost Element: Basic Screen' and contains the following data:

Cost Element	943201	Production hours
Controlling Area	9100	A Grp Controlling area
Valid From	01.01.2005	to 31.12.9999

Below the data fields are four tabs: 'Basic Data', 'Indicators', 'Default Acct Assgmt', and 'History'. The 'Names' section contains:

Name	Production hours
Description	Production hours

The 'Basic data' section contains:

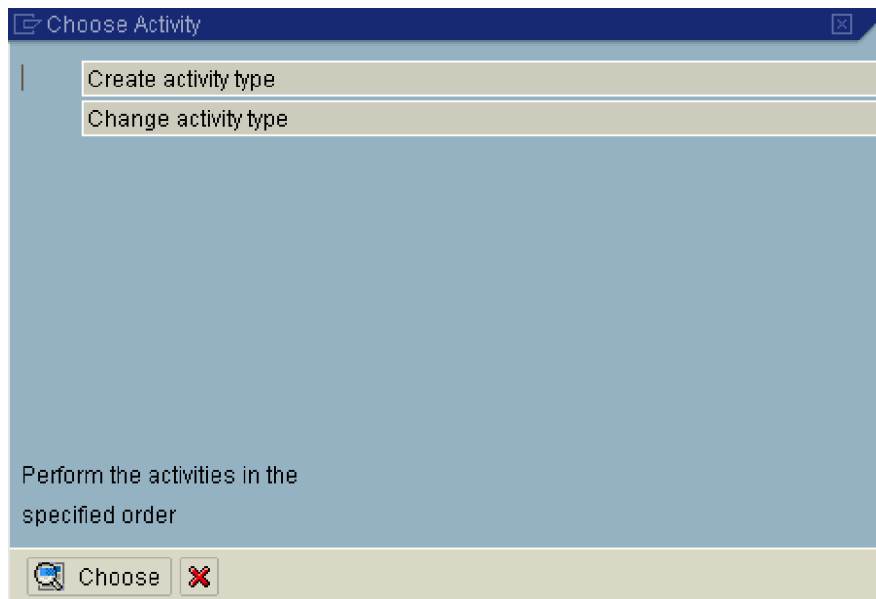
CElem category	43	Internal activity allocation
Attribute mix		
Functional Area		

Click on Save 

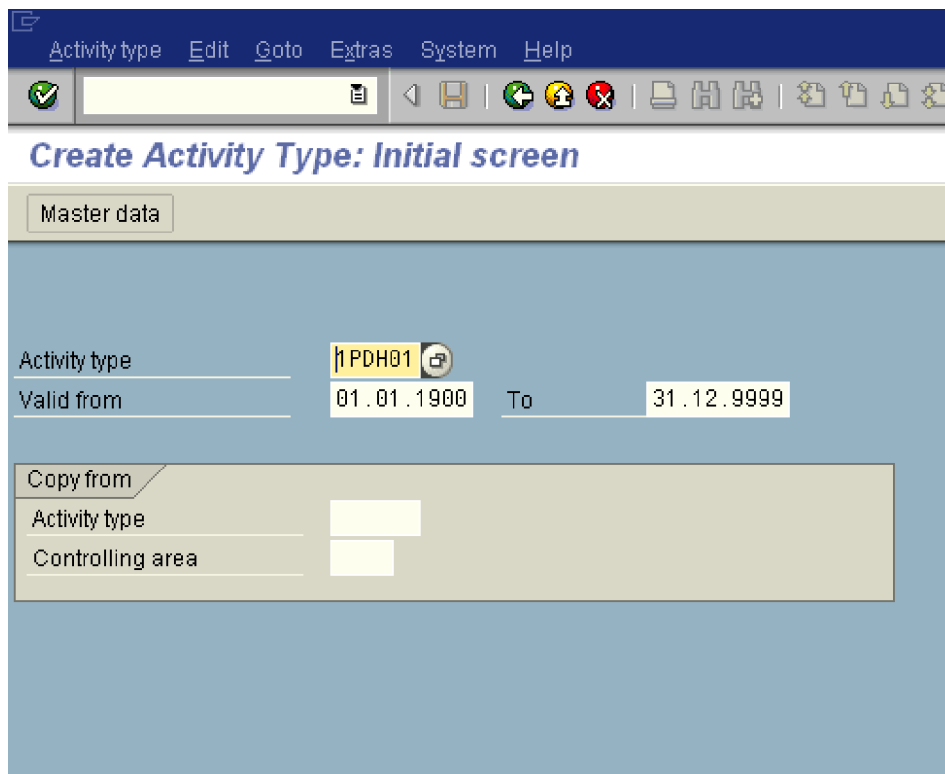
6.6 Create Activity Types

IMG à Controlling à Cost Center Accounting à Master Data à Activity Types à Create Activity Types

SAP CONTROLLING CONFIGURATION 4.7



Double click **Create activity type** and update the following:-



SAP CONTROLLING CONFIGURATION 4.7

Activity Type Edit Goto Extras Environment System Help

Activity Type: 1PDH01 Production hours
Controlling Area: 9100 A Grp Controlling area
Valid From: 01.01.2005 to 31.12.9999

Basic data Indicators Output History

Names
Name: Production hours
Description: Production hours

Basic data
Activity Unit: H Hour
CCTR categories: A

Allocation default values
ATyp category: 1 Manual entry, manual allocation
Allocation cost elem: 943201 Production hours
Price indicator: 1 Plan price, automatically based on activity
 Actual qty set Average price
 Plan quantity set PreDistribFixedCosts

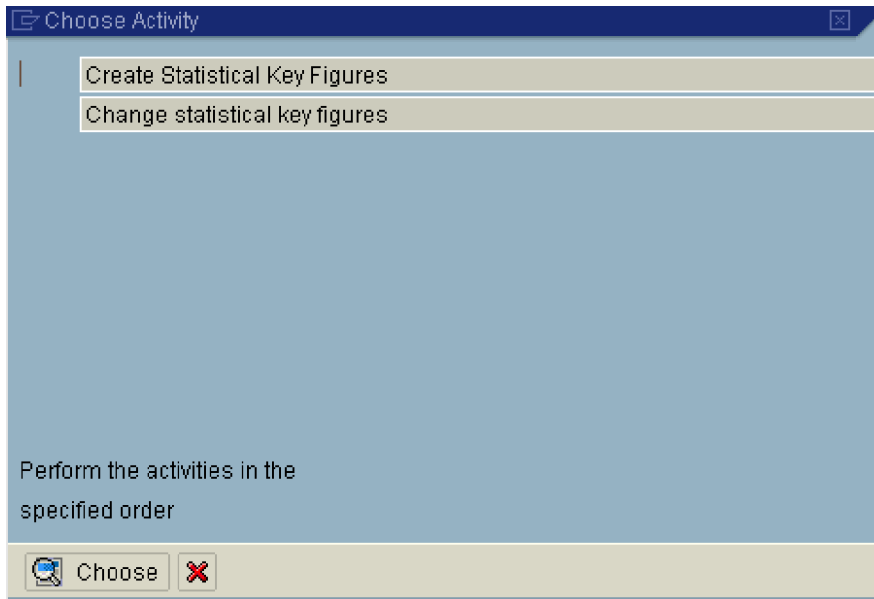
Variance values for actual allocation
Actl Acty Type Cat: 1 Manual entry, manual allocation
Act. price indicator: 5 Actual price, automatically based on activity

Click on Save 

6.7 Maintain Statistical Key Figures

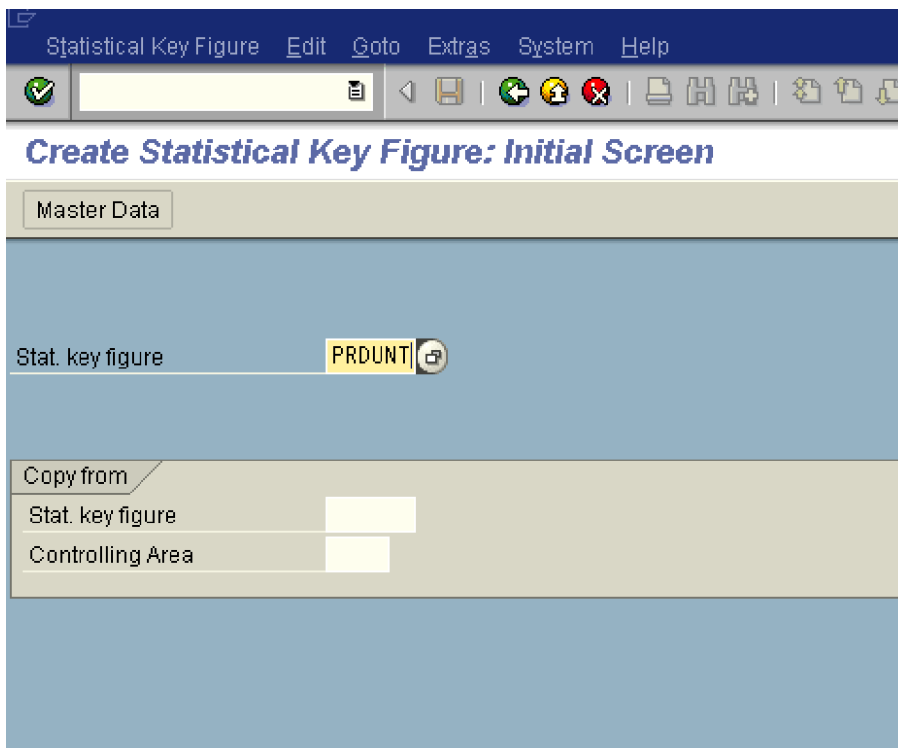
IMG à Controlling à Cost Center Accounting à Master Data à Statistical Key Figures à Maintain Statistical Key Figures

SAP CONTROLLING CONFIGURATION 4.7



Double Click on Create Statistical Key Figures

Update the following: -



SAP CONTROLLING CONFIGURATION 4.7

The screenshot shows the SAP 'Create Statistical Key Figure: Master Data' configuration screen. The title bar includes 'Statistical Key Figure', 'Edit', 'Goto', 'System', and 'Help'. The main content area is divided into sections:

- Link to LIS**: A button at the top left.
- Stat. key figure**: A dropdown menu set to 'PRDUNT'.
- Controlling area**: A dropdown menu set to '9100', with the text 'A Grp Controlling area' to its right.
- Basic data**: A section header.
- Name**: A text field containing 'Production output for allocation'.
- Stat. key fig. UnM.**: A dropdown menu set to 'EA', with the text 'Each' to its right.
- Key fig. cat.**: Two radio button options: 'Fxd val.' (unselected) and 'Tot. values' (selected).

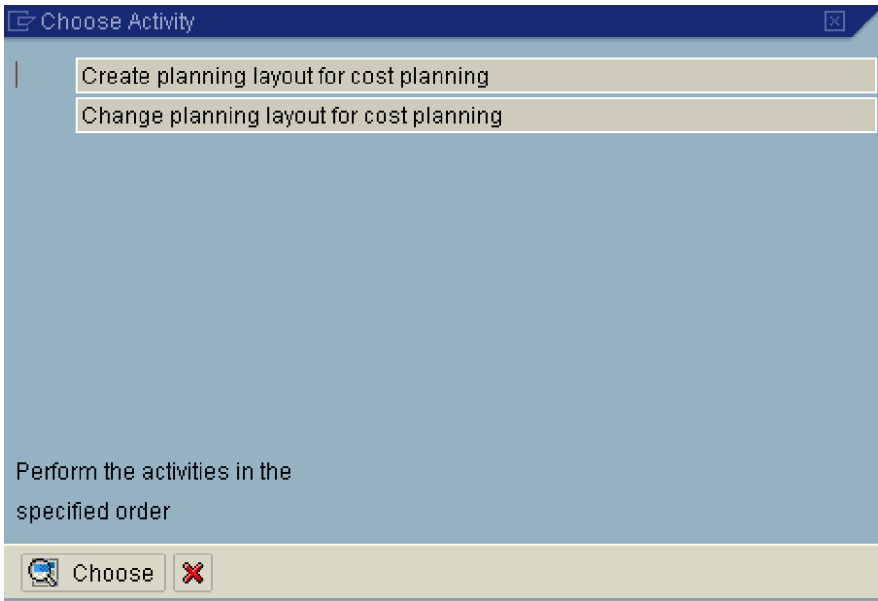
Click on Save 

7 Cost Center Planning

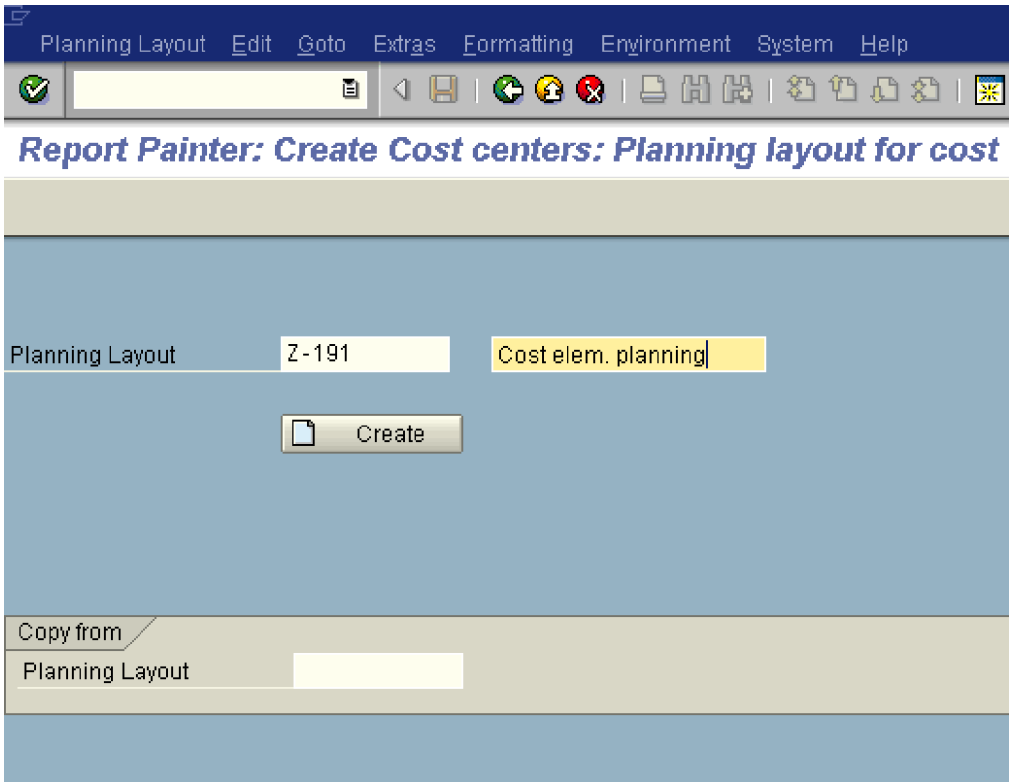
7.1 Create Planning Layouts for Cost Element Planning/Activity type planning/Statistical key figure planning

IMG à Controlling à Cost Center Accounting à Planning à Manual Planning à User-Defined Planning Layouts à Create Planning Layouts for Cost Element Planning/Activity type planning/Statistical key figure

SAP CONTROLLING CONFIGURATION 4.7



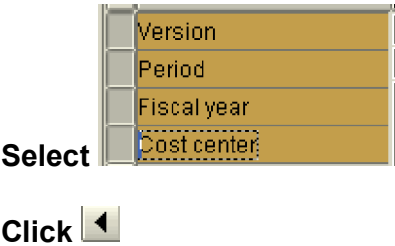
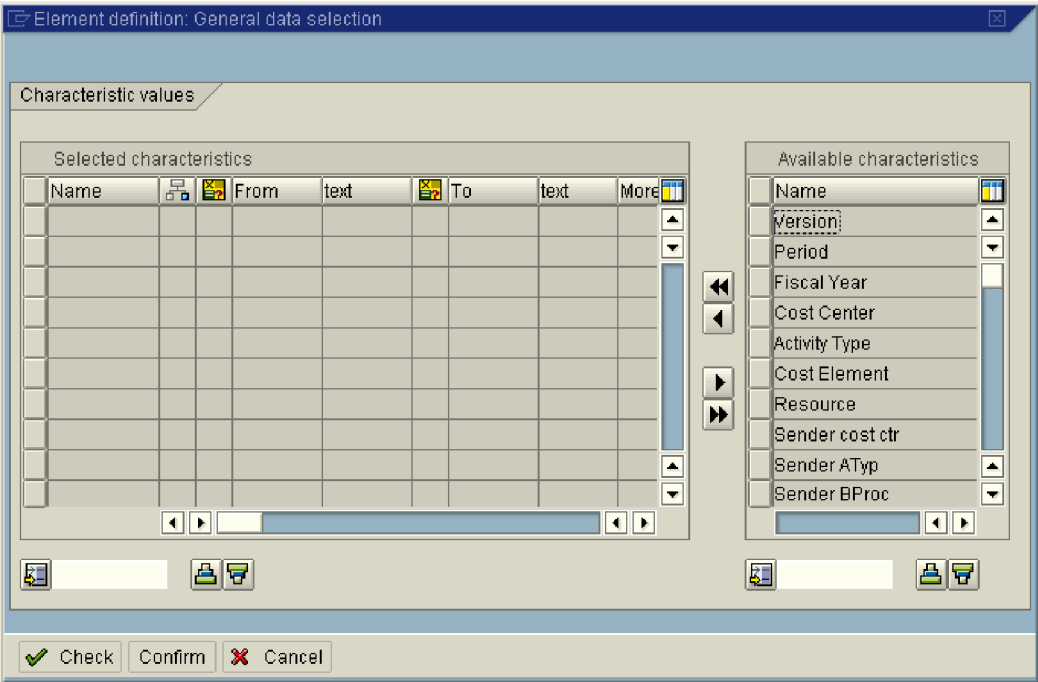
Double Click **Create planning layout for cost planning** and update the following: -



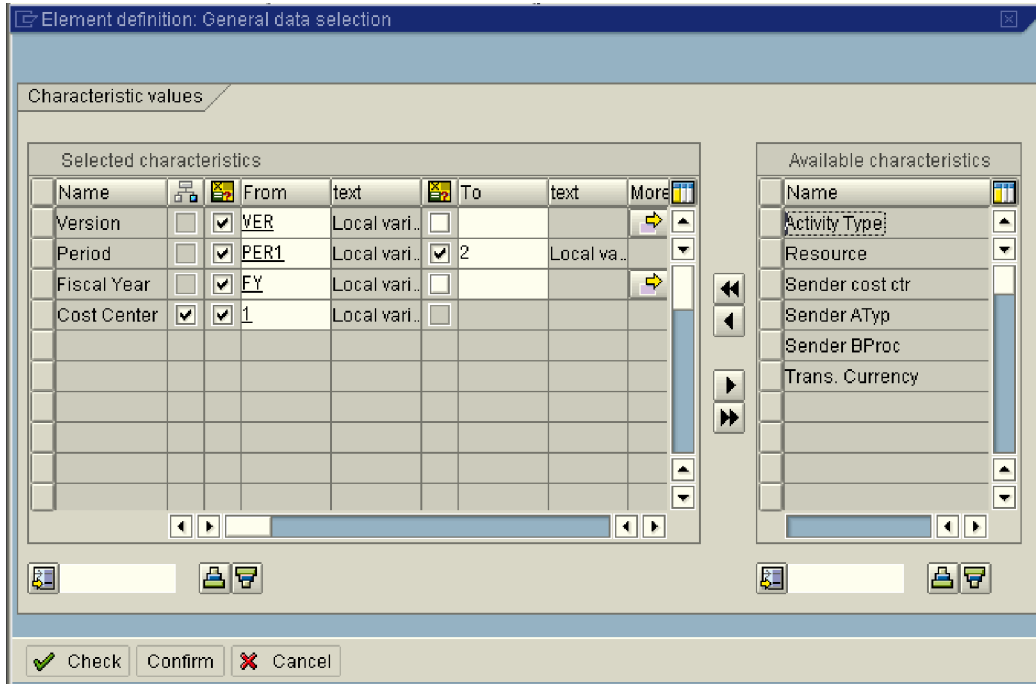
Click on 

SAP CONTROLLING CONFIGURATION 4.7

Click Edit à Gen. Data selection

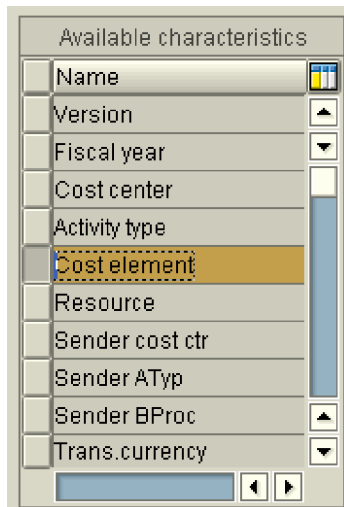


SAP CONTROLLING CONFIGURATION 4.7



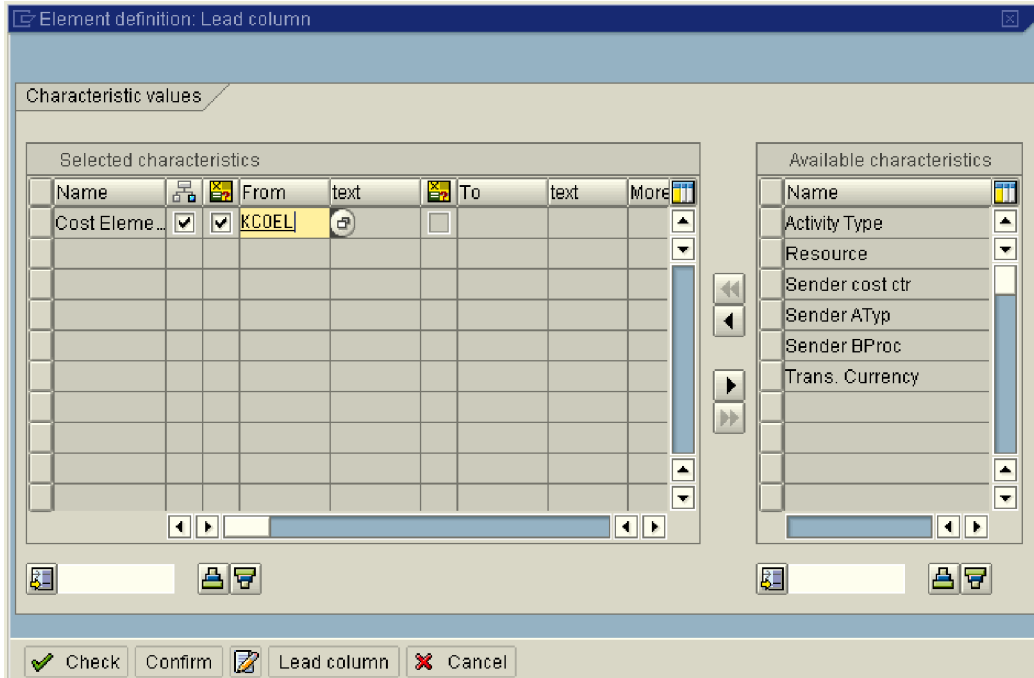
Click

Double Click

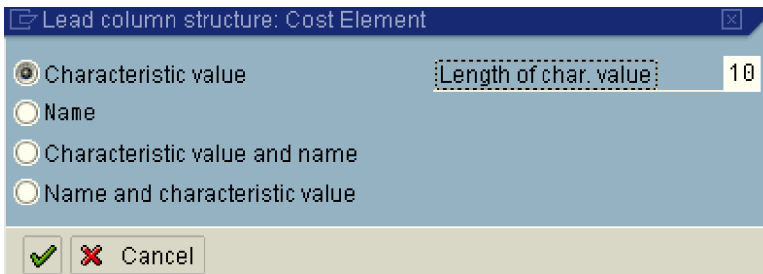


Select and transfer to selected characteristics

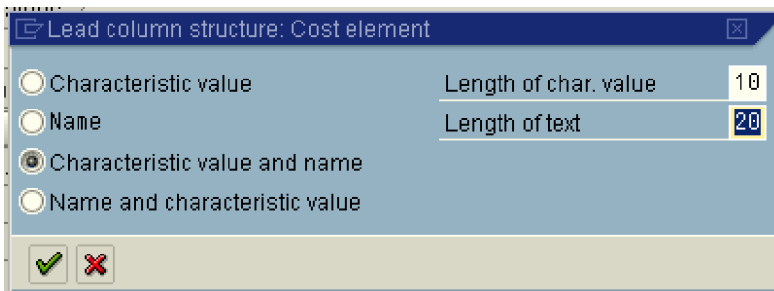
SAP CONTROLLING CONFIGURATION 4.7



Click on



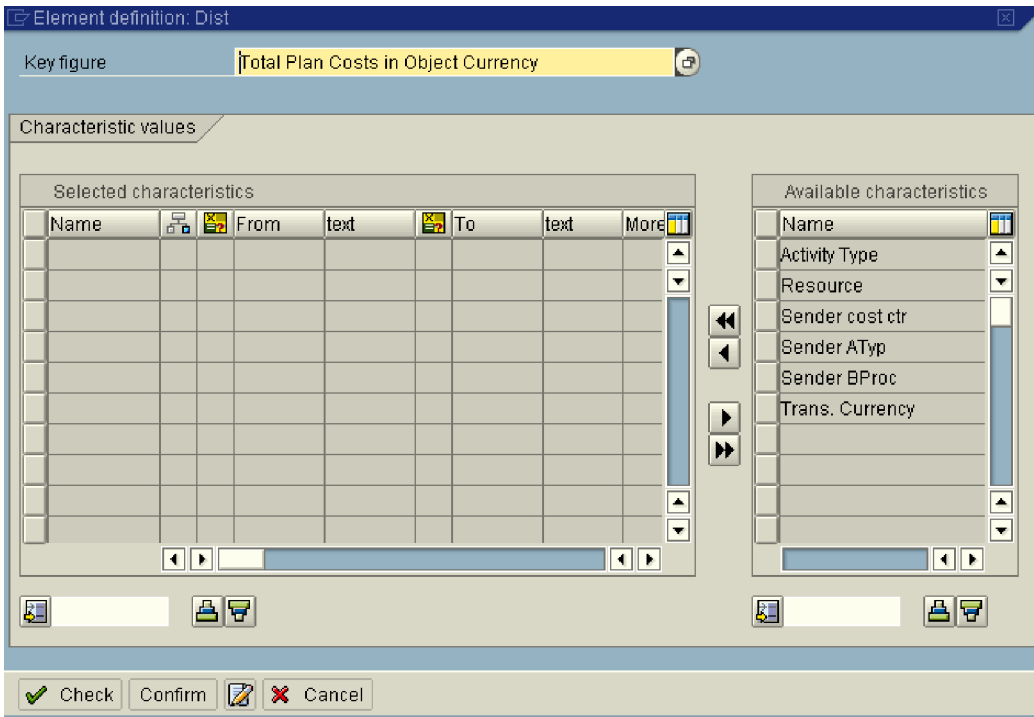
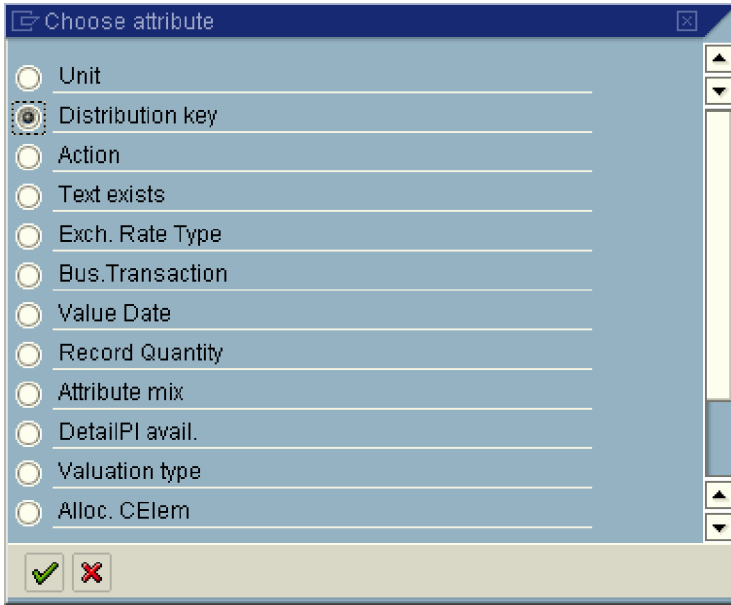
Select Characteristic value and name



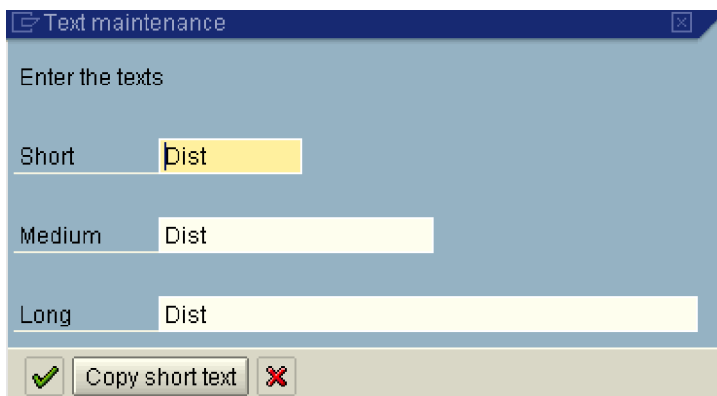
Click

Double Click

SAP CONTROLLING CONFIGURATION 4.7



SAP CONTROLLING CONFIGURATION 4.7



Text maintenance dialog box with the following fields:

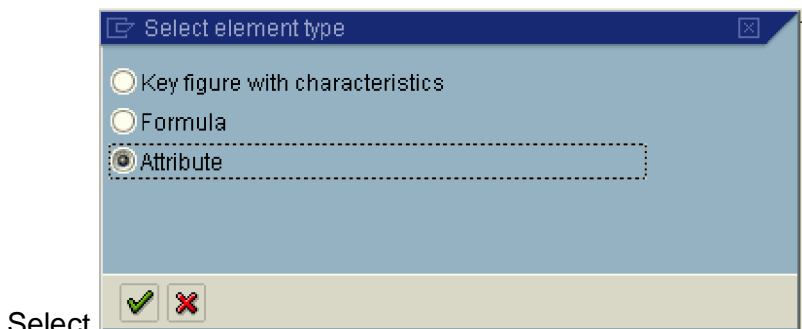
- Short: Dist
- Medium: Dist
- Long: Dist

Buttons: [Checkmark], Copy short text, [X]

Click 

Click 

Double Click on Column next to Dist 

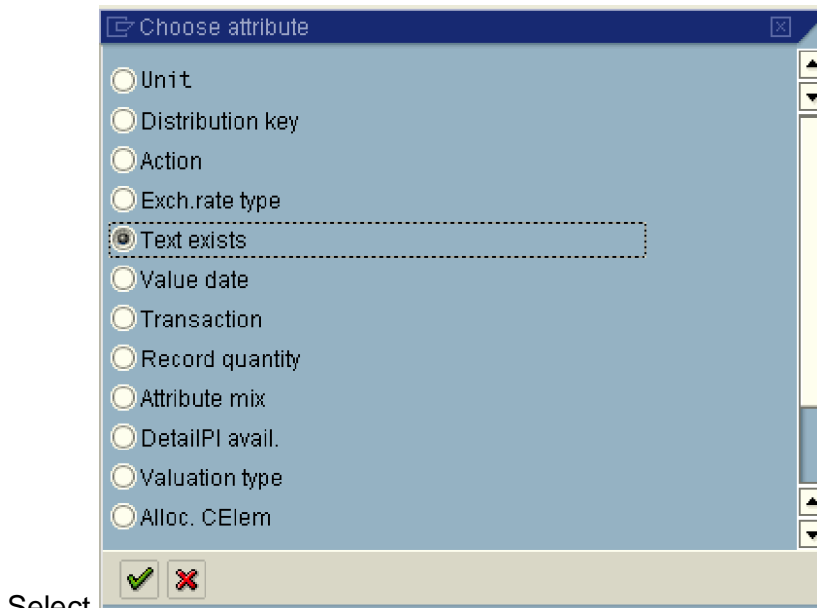


Select element type dialog box with the following options:

- Key figure with characteristics
- Formula
- Attribute

Buttons: [Checkmark], [X]

Select



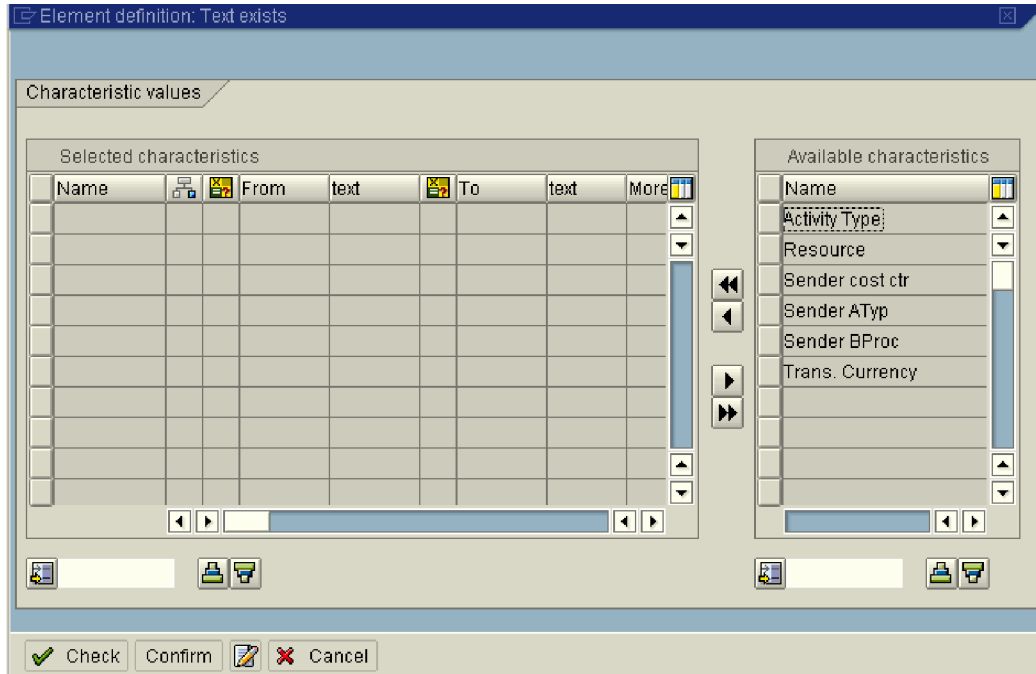
Choose attribute dialog box with the following options:


- Unit
- Distribution key
- Action
- Exch. rate type
- Text exists
- Value date
- Transaction
- Record quantity
- Attribute mix
- DetailPI avail.
- Valuation type
- Alloc. CElem

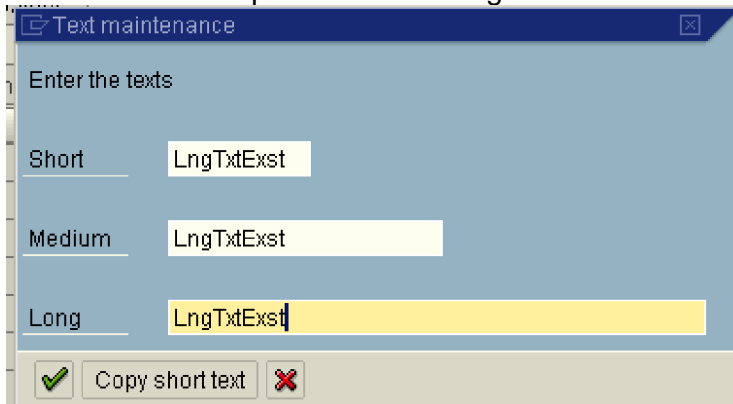
Buttons: [Checkmark], [X]

Select


SAP CONTROLLING CONFIGURATION 4.7



Click on  and update the following: -



Click 

Click  to check the report. If there are no errors then you can save the planning layout.

Click on 

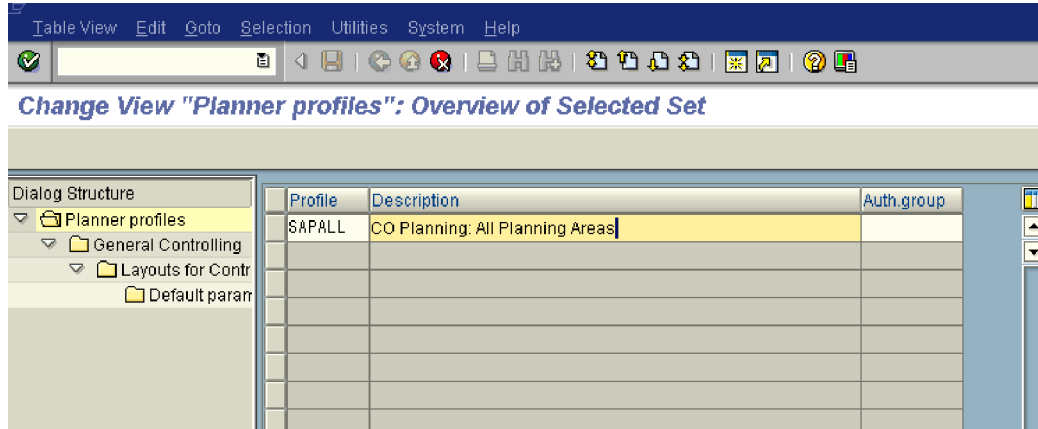
7.2 Define User-Defined Planner Profile

IMG à Controlling à Cost Center Accounting à Planning à Manual Planning à Define User-Defined Planner Profiles

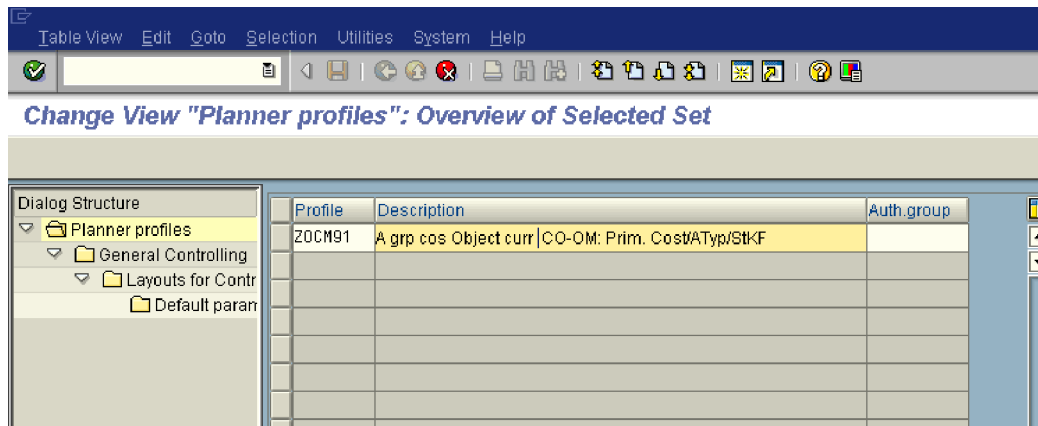
SAP CONTROLLING CONFIGURATION 4.7

Select **SAPALL** CO Planning: All Planning Areas

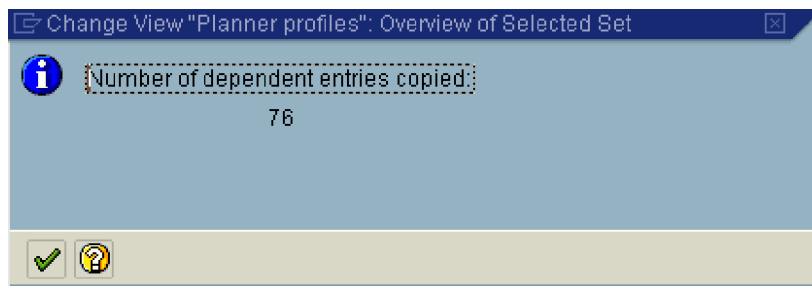
Click Copy 



And update the following: -



Click 



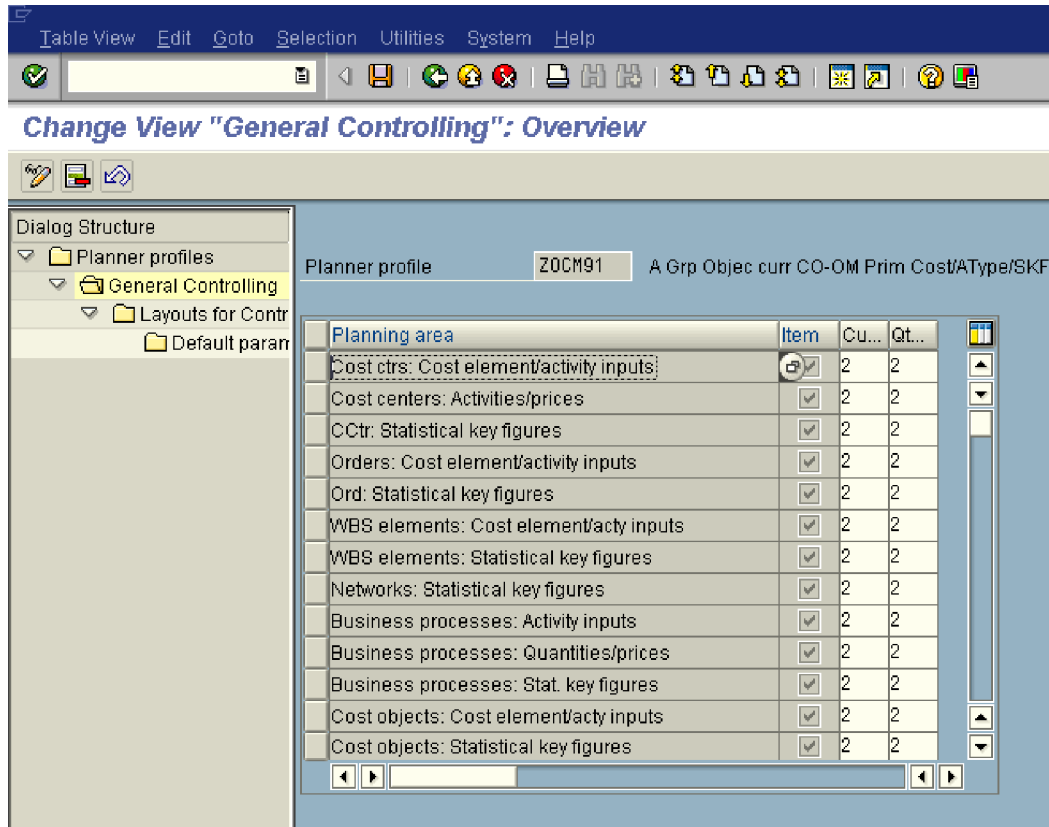
Click 

SAP CONTROLLING CONFIGURATION 4.7

Click on Save 

Select  A grp cos Object curr CO-OM: Prim. Cost/ATyp/StKF

Double Click  and change the distribution keys from 2 to 1



Change View "General Controlling": Overview

Planner profile: Z0CM91 A Grp Objec curr CO-OM Prim Cost/AType/SKF

Planning area	Item	Cu...	Qt...
Cost ctrs: Cost element/activity inputs	<input checked="" type="checkbox"/>	2	2
Cost centers: Activities/prices	<input checked="" type="checkbox"/>	2	2
CCtr: Statistical key figures	<input checked="" type="checkbox"/>	2	2
Orders: Cost element/activity inputs	<input checked="" type="checkbox"/>	2	2
Ord: Statistical key figures	<input checked="" type="checkbox"/>	2	2
WBS elements: Cost element/acty inputs	<input checked="" type="checkbox"/>	2	2
WBS elements: Statistical key figures	<input checked="" type="checkbox"/>	2	2
Networks: Statistical key figures	<input checked="" type="checkbox"/>	2	2
Business processes: Activity inputs	<input checked="" type="checkbox"/>	2	2
Business processes: Quantities/prices	<input checked="" type="checkbox"/>	2	2
Business processes: Stat. key figures	<input checked="" type="checkbox"/>	2	2
Cost objects: Cost element/acty inputs	<input checked="" type="checkbox"/>	2	2
Cost objects: Statistical key figures	<input checked="" type="checkbox"/>	2	2

Click on Save 

Select  1 1

Double Click 

Delete the SAP layouts by selecting

Item	Layout	Description	Deflt	Overw	Integrate...	File de...
1	1-101	Cost elements acty-indep./acty-dep..	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	1-102	Activity input acty-indep./acty-dep.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	1-102P	Process input: activity-dependenti...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	1-104	Primary/secondary order costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	1-104P	Primary/secondary order costs pro...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SAP CONTROLLING CONFIGURATION 4.7

Click on 

Click on  and update the following: -

, Overw: , Integrate...: , and File de...: . The 'Overw' checkbox is highlighted with a dashed box. The dialog also shows a 'Dialog Structure' tree on the left and a 'Position...' button at the bottom." data-bbox="178 188 812 499"/>

New Entries: Overview of Added Entries

Planner profile: Z0CM91 A grp cos Object curr CO-OM: Prim. CostATyp/StKF
Planning area: Cost ctrs: Cost element/activity inputs

Itm	Layout	Description	Deft	Overw	Integrate...	File de...
1	Z-191	Cost elem. planning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Position... Entry 1 of 1

Click on Save 

Select

Itm	Layout	Description	Deft	Overw	Integrate...	File de...
1	Z-191	Cost elem. planning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

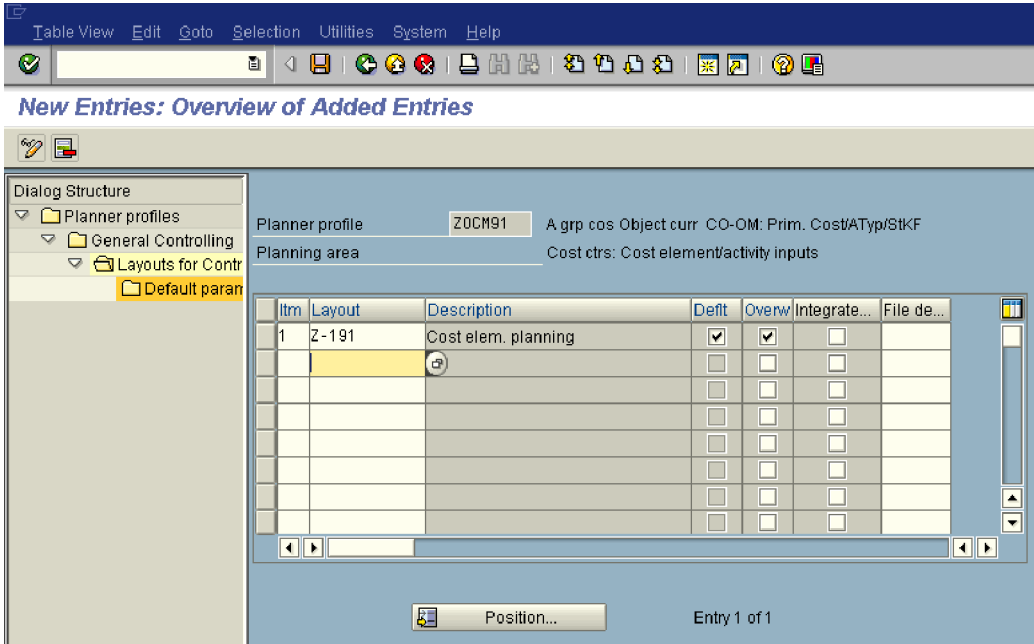
Double Click  and update the following: -

SAP CONTROLLING CONFIGURATION 4.7

The screenshot shows the SAP 'Cost Element/Activity Input Planning: Init. Screen Pre-Parameteriz.' window. At the top, there is a menu bar with 'Default Parameters', 'Edit', 'Goto', 'Extras', 'Settings', 'System', and 'Help'. Below the menu is a toolbar with various icons for navigation and actions. The main area is titled 'Layout Z-191 Cost elem. planning'. Under the 'Variables' section, there are several input fields: 'Version' (0), 'Period' (1), 'Period' (12), 'Fiscal Year' (with a calendar icon), 'Cost Center', 'Cost Element', 'to', and 'Cost Element Group'. At the bottom, there is an 'Entry' section with two radio buttons: 'Free' and 'Form-Based', with 'Form-Based' selected.

Click on Save 

SAP CONTROLLING CONFIGURATION 4.7

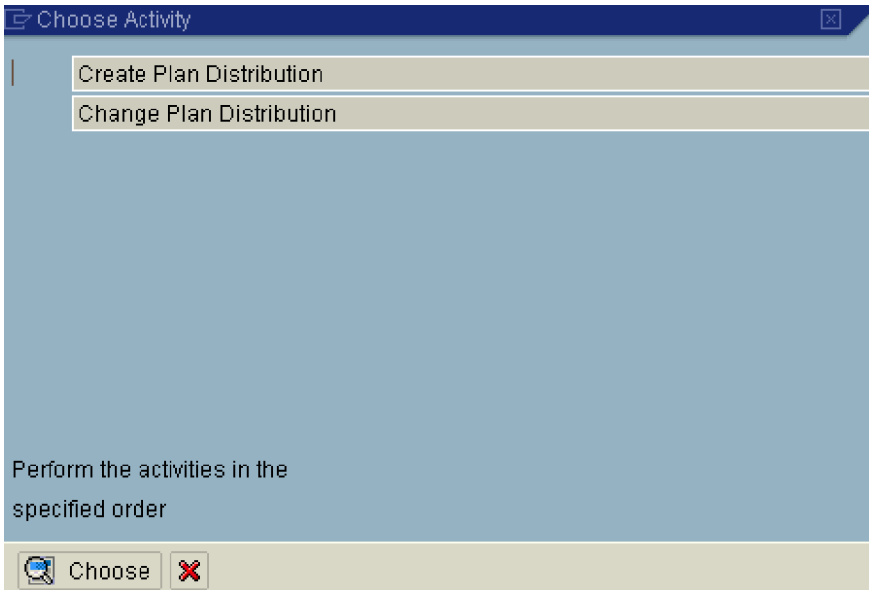


Click on 

7.3 Define Distribution

IMG à Controlling à Cost Center Accounting à Planning à Allocations à Distribution à Define Distribution

Distribution is an allocation method which uses the original cost element of the sender cost center to the receiver cost center. Thus only primary costs can be allocated using distribution cycle.



SAP CONTROLLING CONFIGURATION 4.7

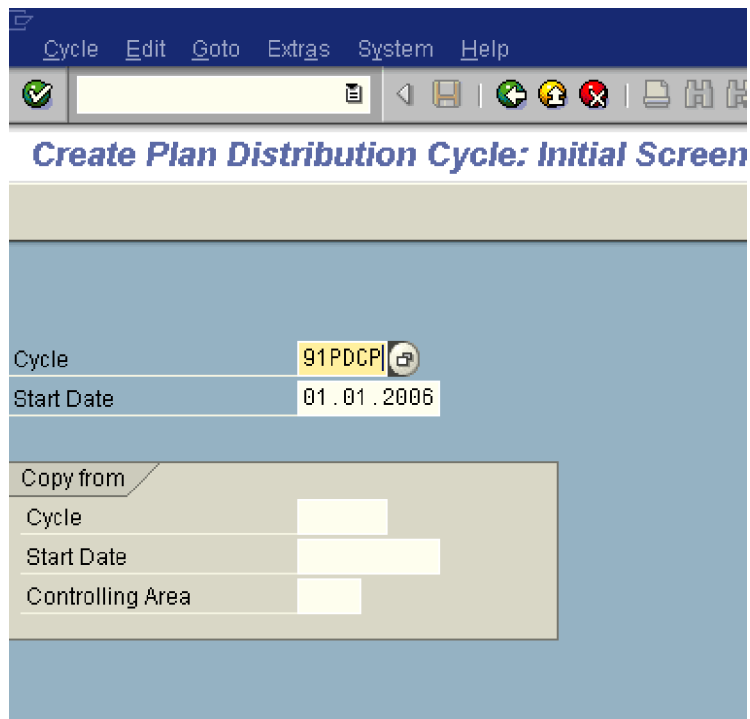
Double Click **Create Plan Distribution**

Click extras à **Set controlling area and update 9100**

Update the following: -

The naming convention of a cycle should be logical. It should have P for plan cycle, A for actual cycle.

91PDCP – 91 is the co. code PDC – Production common and P is plan.

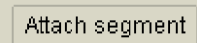


Iterative and object currency is defaulted.

SAP CONTROLLING CONFIGURATION 4.7

The screenshot displays the SAP 'Create Plan Distribution Cycle: Header Data' screen. At the top, there is a menu bar with 'Cycle', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main content area is titled 'Create Plan Distribution Cycle: Header Data' and contains several sections:

- Attach segment** (button)
- Controlling Area**: 9100 A Grp Controlling area
- Cycle**: 91PDCP **Status**: new
- Start Date**: 01.01.2006 To 31.12.2006
- Text**: Production Common Planning
- Indicators**: Iterative
- Field Groups**: Consumption, Object Currency, Transaction Currency
- Preset Selection Criteria**: Version 0 Plan/Act - Version

Click on 

In **sender values** we have the following rules:-

- 1) Posted amounts - The posted amounts on the sender serve as the sender values.
- 2) Fixed amounts - You define fixed amounts for senders defined in the selection Criteria on the "Sender Values" screen. The senders are credited directly with these amounts.
- 3) Fixed rates - On the "Sender Values" screen you enter fixed prices for the senders you entered in the selection criteria. These prices are multiplied by the receiver tracing factors and the result allocated to the receivers.

In **receiver tracing factor** we have various options:-

- 1) Variable portions – The tracing factors are determined based on the following parameters: - Plan statistical key figures, Plan activity, plan costs, plan consumption.
- 2) Fixed amounts – We can define fixed amounts in the tracing factor screen. The receivers are charged directly with these amounts. The amount credited to the sender is derived from the total of the receiver debits. The rule for determining the sender values is not used here. SAP system ignores posted sender amounts or defined sender amounts.

SAP CONTROLLING CONFIGURATION 4.7

- 3) Fixed percentage - We define fixed percentages for the receiver in the tracing factor screen. The value from the sender is distributed to the receivers according to this percentage. The total receiver tracing factor must not exceed 100% .The sender based must be fully distributed. If the total of the receiver tracing factors is less than 100%, then a portion of the sender value remains on the sender.
- 4) Fixed portions - This process is similar to the fixed percentage process, with the exception that the amount is not limited to 100. The sender base is derived from the total of the receiver tracing factors.

We will use **posted amounts** for sender values and **fixed portion** for receiver tracing factors.

The screenshot displays the SAP 'Create Plan Distribution Cycle: Segment' configuration screen. At the top, there is a menu bar with 'Cycle', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title is 'Create Plan Distribution Cycle: Segment'. Below the title is a sub-toolbar with navigation and 'Attach segment' buttons. The main area contains the following fields:

Controlling Area	9100	A Grp Controlling area
Cycle	91PDCP	Production Common Planning
Segment Name	91PDCP0001	9101000 Production common <input type="checkbox"/> Lock indicator

Below the fields are four tabs: 'Segment Header', 'Senders/Receivers', 'Sender Values', and 'Receiver Tracing Factor'. The 'Sender Values' tab is active, showing:

Sender rule	Posted amounts
Share in %	100.00 %
<input type="radio"/> Act. vals	<input checked="" type="radio"/> Plan vals

The 'Receiver Tracing Factor' tab is also visible, showing:

Receiver rule	Fixed percentages
---------------	-------------------

SAP CONTROLLING CONFIGURATION 4.7

Cycle Edit Goto Extras System Help

Create Plan Distribution Cycle: Segment

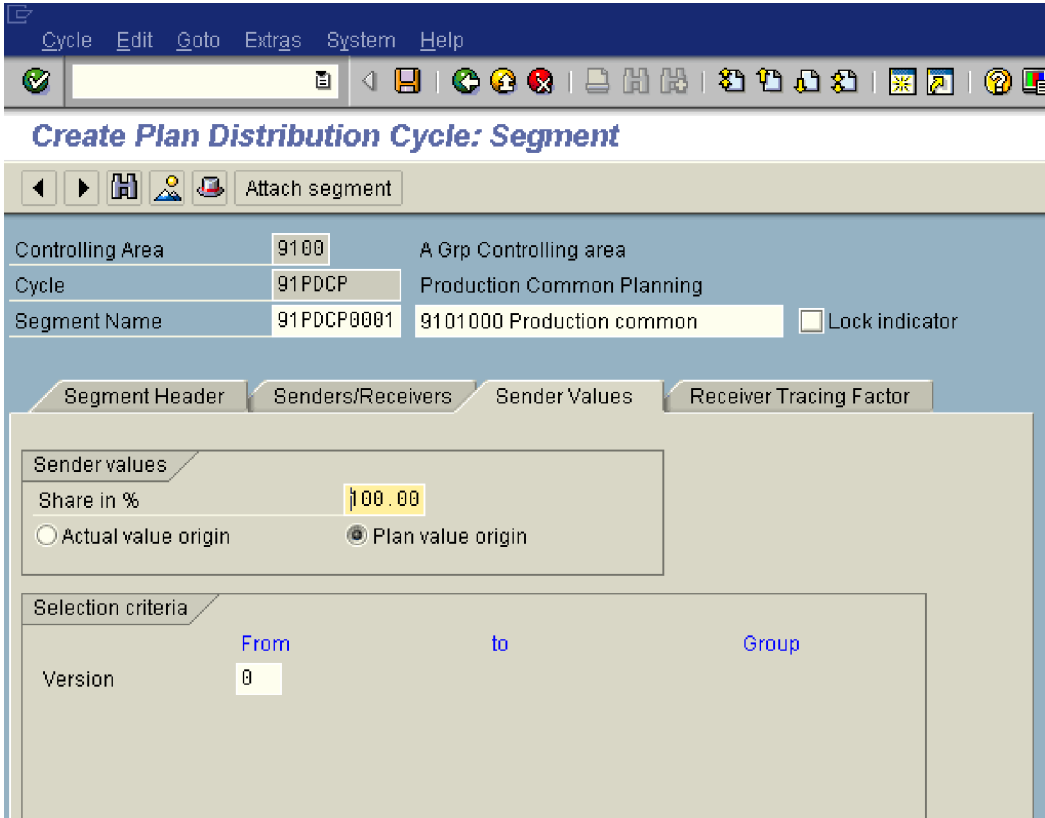
Attach segment

Controlling Area	9100	A Grp Controlling area	
Cycle	91PDCP	Production Common Planning	
Segment Name	91PDCP0001	9101000 Production common	<input type="checkbox"/> Lock indicator

Segment Header
Senders/Receivers
Sender Values
Receiver Tracing Factor

	From	To	Group
Sender			
Cost Center	9101000		
Cost Element	400000	499999	
Receiver			
Order			
Cost Center			91_PDDIR
Cost Object			
WBS Element			

SAP CONTROLLING CONFIGURATION 4.7



SAP CONTROLLING CONFIGURATION 4.7

Cycle Edit Goto Extras System Help

Create Plan Distribution Cycle: Segment

Attach segment

Controlling Area 9100 A Grp Controlling area
Cycle 91PDCP Production Common Planning
Segment Name 91PDCP0001 9101000 Production common Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

Receivers

Cost Ctr	Portion/percent
9101011	50.00
9101012	40.00

Entry 1 of 2 Total 100.00

You can attach further segments if you want.

Click 

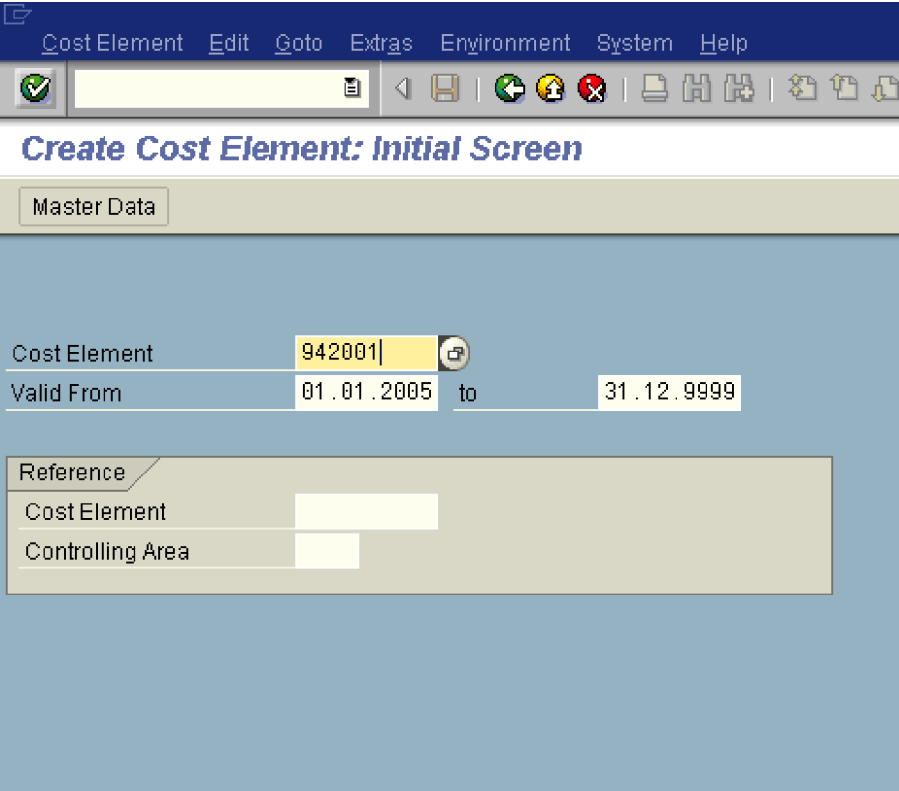
Click on  to check the cycle.

Click on Save 

7.4 Create Assessment Cost Elements

IMG à Controlling à Cost Center Accounting à Planning à Allocations à Assessment à Create Assessment Cost Elements

Update the following: -



SAP CONTROLLING CONFIGURATION 4.7

Cost Element: 942001 Purchasing costs
Controlling Area: 9100 A Grp Controlling area
Valid From: 01.01.2005 to 31.12.9999

Basic Data Indicators Default Acct Assgnmt History

Names
Name: Purchasing costs
Description: Purchasing costs

Basic data
CElem category: 42 Assessment
Attribute mix
Functional Area

Click on Save 

7.5 Define Allocation Structures

IMG à Controlling à Cost Center Accounting à Planning à Allocations à Assessment à Define Allocation Structures

If the assessment for each segment is not made with a pre-defined assessment cost element, you can assign the source cost elements to the desired Assessment cost element in the allocation structure. During cycle definition, enter the allocation structure instead of an assessment cost element in the segment.

An allocation structure for the assessment consists of at least one assignment, stating the assessment cost element to which the source element is assigned. The original cost elements will already have assignments in the source.

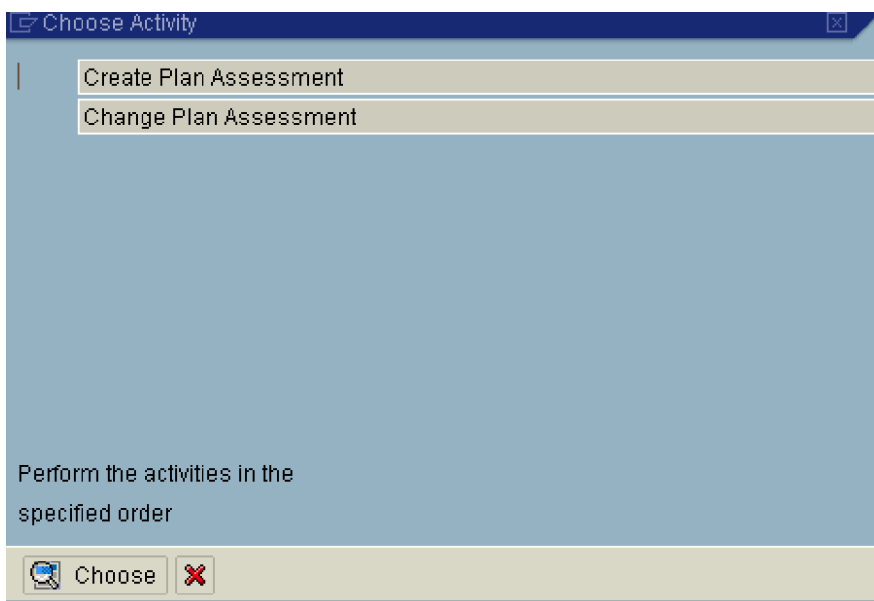
In our scenario we are not using the allocation structure.

7.6 Define Assessment

IMG à Controlling à Cost Center Accounting à Planning à Allocations à Assessment à Define Assessment

Assessment is a method of allocation which allocates costs using assessment cost element. Thus there is no traceability of original cost elements on the receiver cost center from the sender cost center. Various Costs elements from the sender are summarized under a single assessment cost element. The assessment cost elements are updated both on the sender and receiver.

We are allocating costs from purchasing department to the production departments based on output of production departments. The output is entered as statistical key figures.



Double Click Create Plan Assessment

SAP CONTROLLING CONFIGURATION 4.7

The screenshot shows the 'Create Plan Assessment Cycle: Initial Screen' in SAP. The window title is 'Cycle Edit Goto Extras System Help'. The main area contains the following fields:

Cycle	91PURP
Start Date	01.01.2006

Below these fields is a 'Copy from' section with a table:

Copy from	
Cycle	
Start Date	
Controlling Area	

The screenshot shows the 'Create Plan Assessment Cycle: Header Data' screen in SAP. The window title is 'Cycle Edit Goto Extras System Help'. The main area contains the following fields:

Attach segment			
Controlling Area	9100	A Grp Controlling area	
Cycle	91PURP	Status	new
Start Date	01.01.2006	To	31.12.2006
Text	A Ltd. 9100 Purch cost alloch		

Below these fields are two sections:

Indicators

<input checked="" type="checkbox"/> Iterative

Field Groups

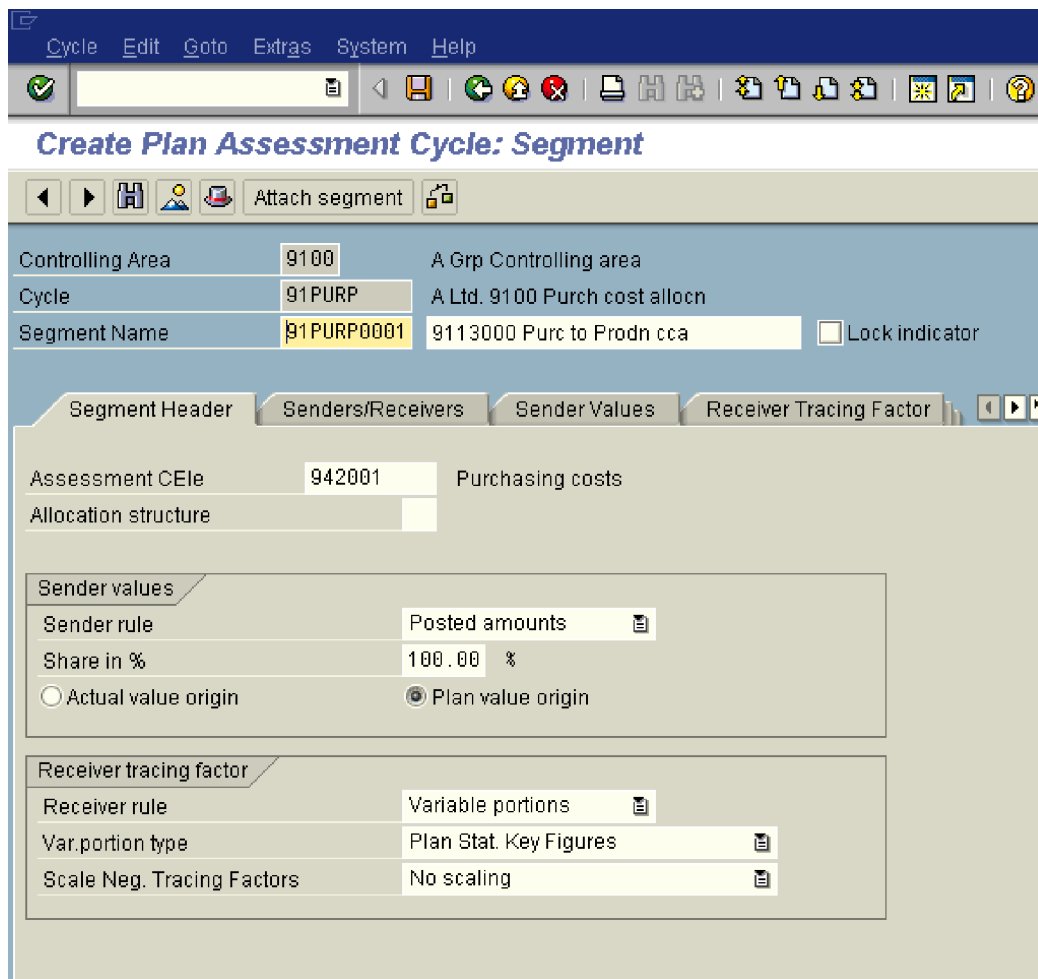
<input checked="" type="checkbox"/> Object Currency
<input type="checkbox"/> Transaction Currency

Preset Selection Criteria

Version	0	Plan/Act - Version
---------	---	--------------------

SAP CONTROLLING CONFIGURATION 4.7

Click on 



The screenshot shows the 'Create Plan Assessment Cycle: Segment' dialog box in SAP. The window title is 'Create Plan Assessment Cycle: Segment'. The menu bar includes 'Cycle', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The main area is divided into several sections:

- Segment Header:** Contains fields for 'Controlling Area' (9100), 'Cycle' (91PURP), and 'Segment Name' (91PURP0001). The description is 'A Grp Controlling area', 'A Ltd. 9100 Purch cost allocn', and '9113000 Purc to Prodn cca'. There is a 'Lock indicator' checkbox.
- Senders/Receivers:** Contains 'Assessment CEle' (942001) and 'Allocation structure'.
- Sender Values:** Contains 'Sender rule' (Posted amounts), 'Share in %' (100.00 %), and radio buttons for 'Actual value origin' and 'Plan value origin' (selected).
- Receiver Tracing Factor:** Contains 'Receiver rule' (Variable portions), 'Var. portion type' (Plan Stat. Key Figures), and 'Scale Neg. Tracing Factors' (No scaling).

SAP CONTROLLING CONFIGURATION 4.7

Cycle Edit Goto Extras System Help
 Attach segment

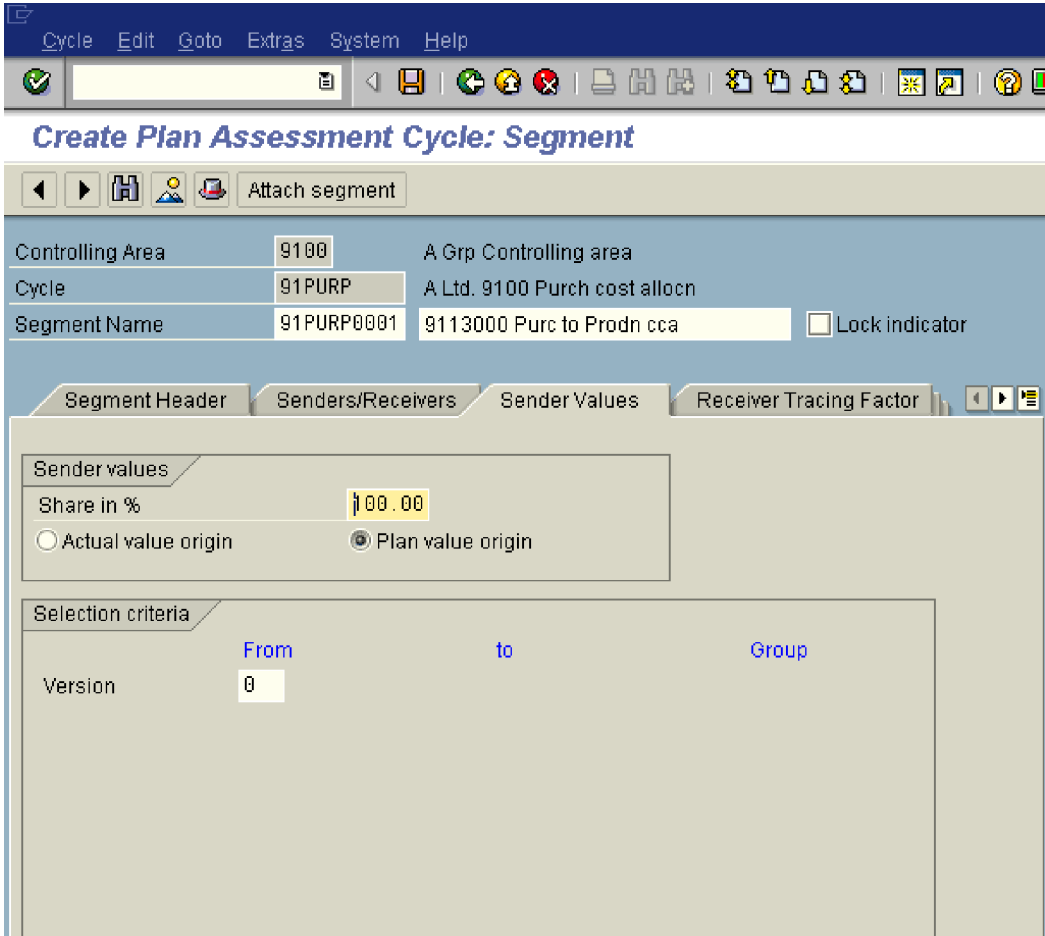
Create Plan Assessment Cycle: Segment

Controlling Area: 9100 A Grp Controlling area
 Cycle: 91PURP A Ltd. 9100 Purch cost allocn
 Segment Name: 91PURP0001 9113000 Purc to Prodn cca Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

	From	To	Group
Sender			
Cost Center	9113000		
Cost Element	400000	499999	
Receiver			
Order			
Cost Center			91_PDDIR
Cost Object			
WBS Element			

SAP CONTROLLING CONFIGURATION 4.7



SAP CONTROLLING CONFIGURATION 4.7

Cycle Edit Goto Extras System Help

Create Plan Assessment Cycle: Segment

Attach segment

Controlling Area	9100	A Grp Controlling area
Cycle	91PURP	A Ltd. 9100 Purch cost allocn
Segment Name	91PURP0001	9113000 Purc to Prodn cca <input type="checkbox"/> Lock indicator

Senders/Receivers Sender Values Receiver Tracing Factor Receiver Wei...

Tracing Factor

Var. portion type	Plan Stat. Key Figures
Scale Neg. Tracing Factors	No scaling

Selection Criteria

	From	to	Group
Version	0		
Stat. key fig.	PRDUNT		
Activity Type			

SAP CONTROLLING CONFIGURATION 4.7

Create Plan Assessment Cycle: Segment

Controlling Area: 9100 A Grp Controlling area
Cycle: 91PURP A Ltd. 9100 Purch cost allocn
Segment Name: 91PURP0001 9113000 Purc to Prodn cca Lock indicator

Sender Values | Receiver Tracing Factor | Receiver Weighting Factors

Cost Ctr	Factor per
9101011	100
9101012	100

Click on 

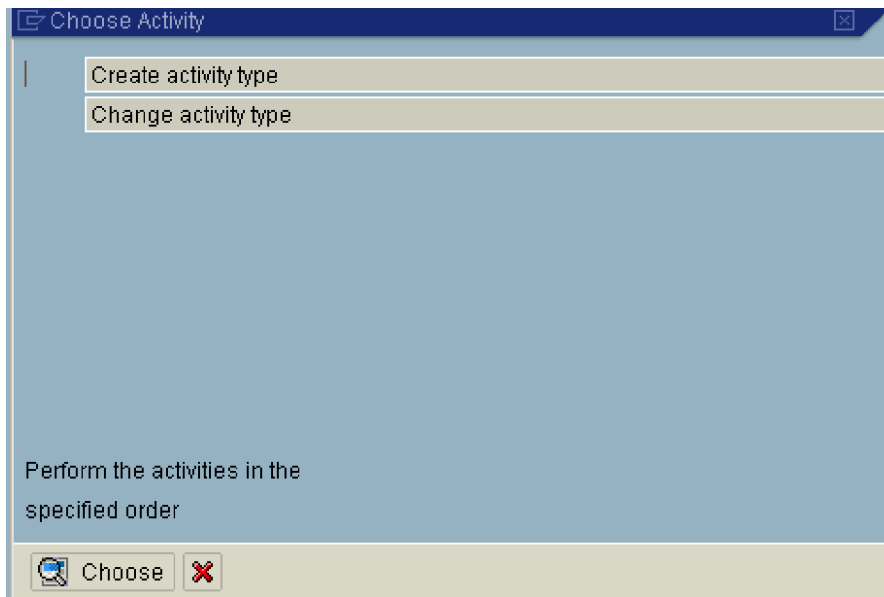
Click on  to see whether cycle is Ok.

Click on Save 

7.7 Define Activity Types for Indirect Activity Allocation

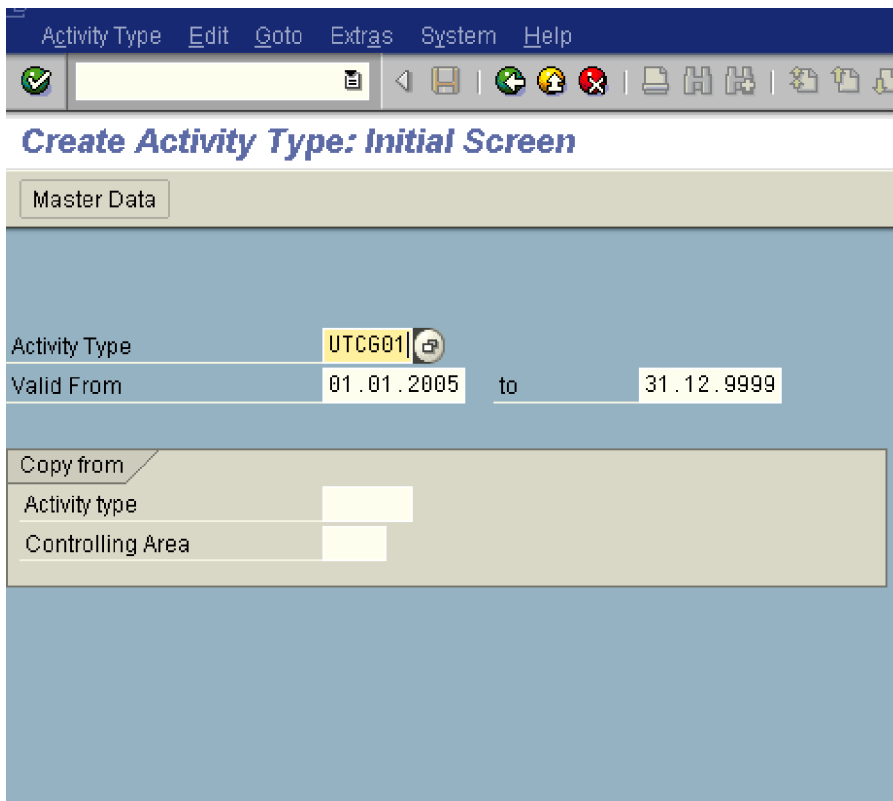
IMG à Controlling à Cost Center Accounting à Planning à Allocations à Activity Allocation à Indirect Activity Allocation à Define Activity Types for Indirect Activity Allocation

SAP CONTROLLING CONFIGURATION 4.7



Double Click

Update the following: -



SAP CONTROLLING CONFIGURATION 4.7

The screenshot displays the 'Create Activity Type: Basic Screen' in SAP. The interface includes a menu bar (Activity Type, Edit, Goto, Extras, Environment, System, Help) and a toolbar with various icons. The main content area is divided into several sections:

- Activity Type:** UTC601, UT: Cool serv Genera
- Controlling Area:** 9100, A Grp Controlling area
- Valid From:** 01.01.2005 to 31.12.9999

Below these fields are tabs for 'Basic data', 'Indicators', 'Output', and 'History'. The 'Basic data' tab is active and contains the following information:

- Names:**
 - Name: UT: Cool serv Genera
 - Description: UT: Cooling services General
- Basic data:**
 - Activity Unit: AU, Activity unit
 - CCtr categories: C
- Allocation default values:**
 - A Typ category: 3, Manual entry, indirect allocation
 - Allocation cost elem: 943991, UT: Cooling services
 - Price Indicator: 1, Plan price, automatically based on activity
 - Actual qty set
 - Average price
 - Plan quantity set
 - PreDistribFixedCosts
- Variance values for actual allocation:**
 - Actl Acty Type Cat: 3, Manual entry, indirect allocation
 - Act. price indicator: 5, Actual price, automatically based on activity

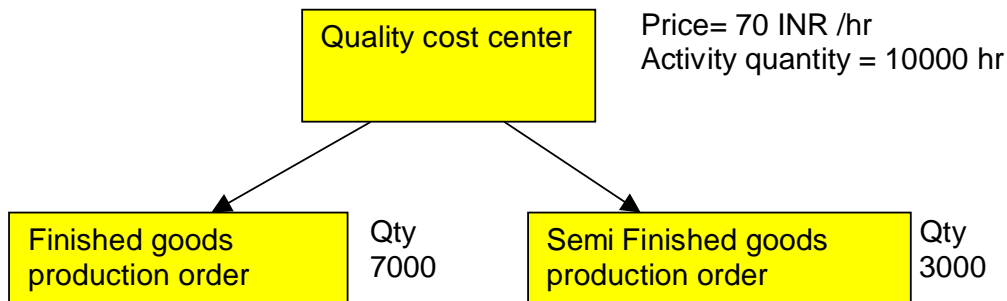
Click on Save 

7.8 Define Indirect Activity Allocation

IMG à Controlling à Cost Center Accounting à Planning à Allocations à Activity Allocation à Indirect Activity Allocation à Define Indirect Activity Allocation

Indirect activity allocation is used when direct activity allocation is not possible. For example:- Quality control departments spending time on checking the finished goods, semi finished goods. It is difficult to measure the time spent on each product. In such a scenario indirect activity allocation is done based on the output produced of finished goods and semi finished goods.

SAP CONTROLLING CONFIGURATION 4.7



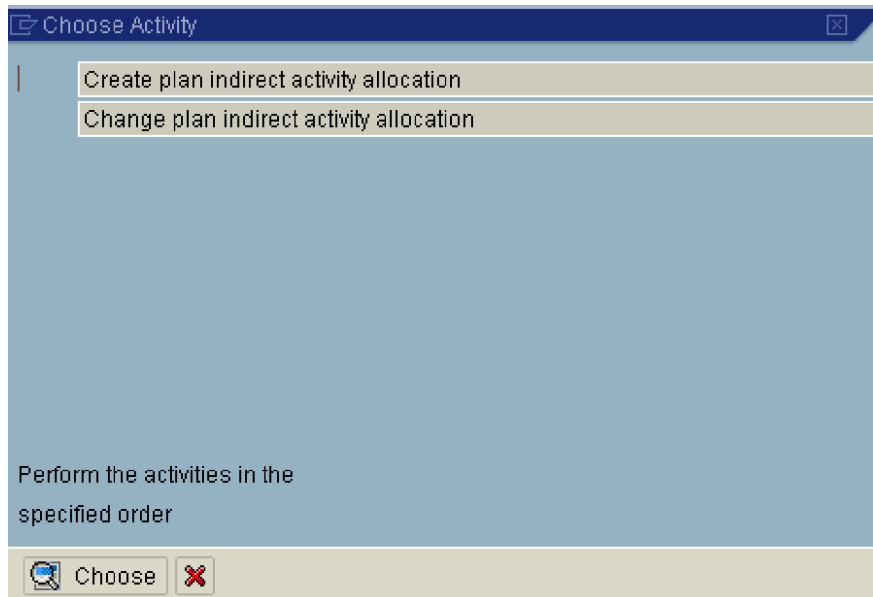
Thus Quality cost center has a cost of 70000 INR (70 INR X 10000 hr).

This cost will be allocated to finished goods production order based on the output (70000 INR X 7000 qty) / 10000 qty = 49000 INR
And to semi finished goods production order (70000 INR X 3000 qty) / 10000 qty = 21000 INR

We are creating a cycle for allocating costs from Cooling services General to Cooling services EG-1 and EG-2.

The planned output will be entered on cooling services general using activity type 3UTCG1. (Here the total cost to be allocated will be entered with price 1)

The output will be entered on the Cooling services EG-1 and EG-2 using Statistical key figures.



Double Click **Create plan indirect activity allocation**

We will name the cycle 91CGP (91 the company code CG – Cooling services general 1st cycle and P – Plan)

SAP CONTROLLING CONFIGURATION 4.7

Update the following: -

The screenshot shows the 'Initial Screen' for creating a plan indirect activity allocation cycle. The window title is 'Create Plan Indirect Activity Allocation Cycle: Initial Screen'. The menu bar includes 'Cycle', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The main area contains the following fields:

Cycle	91CG1P
Start Date	01.01.2006

Below these fields is a 'Copy from' section with a dropdown menu and a lock icon. The dropdown menu is open, showing the following options:

Cycle	
Start Date	
Controlling Area	

The screenshot shows the 'Header Data' screen for creating a plan indirect activity allocation cycle. The window title is 'Create Plan Indirect Activity Allocation Cycle: Header Data'. The menu bar includes 'Cycle', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. The toolbar contains various icons for navigation and actions. The main area contains the following fields:

Attach segment

Controlling Area	9100	A Grp Controlling area	
Cycle	91CG1P	Status	new
Start Date	01.01.2006	To	31.12.2006
Text			
Cooling service General - Plan			

Indicators

Field Groups

Output Quantity

Preset Selection Criteria

Version	0	Plan/Act - Version
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SAP CONTROLLING CONFIGURATION 4.7

Click on 

The following options are available in Sender values:-

- 1) Posted quantities- The quantities posted to the sender are taken as the sender values.
- 2) Fixed quantities – On the sender value tab, enter fixed quantities for the senders we defined in the selection criteria. The senders are directly credited with these quantities.
- 3) Quantities calculated inversely – The sender values are calculated indirectly from the receiver tracing factors. We can value these sender values with a weighting factor. We define the weighting factors on the Sender values tab.

The following options are available in Receiver tracing factor:-

- 1) Variable portions- The tracing factors are determined based on the following parameters:- Plan statistical key figures, Plan activity, plan costs, plan consumption.
- 2) Fixed quantities – We can define fixed quantities in the tracing factor screen. The receivers are charged directly with these quantities. The quantity credited to the sender is derived from the total of the receiver debits.
- 3) Fixed percentages – We define fixed percentages for the receiver in the tracing factor screen. The quantity from the sender is distributed to the receivers according to this percentage. The total receiver tracing factor must not exceed 100% .The sender based must be fully distributed. If the total of the receiver tracing factors is less than 100%, then a portion of the sender value remains on the sender.
- 4) Fixed portions – This process is similar to the fixed percentage process, with the exception that the quantity is not limited to 100. The sender base is derived from the total of the receiver tracing factors.

SAP CONTROLLING CONFIGURATION 4.7

The screenshot displays the SAP Controlling Configuration 4.7 interface for creating a plan indirect activity allocation cycle segment. The window title is "Create Plan Indirect Activity Allocation Cycle: Segment". The interface includes a menu bar (Cycle, Edit, Goto, Extras, System, Help) and a toolbar with various icons. Below the title bar, there are navigation and action buttons: a left arrow, a right arrow, a refresh icon, a person icon, a printer icon, and an "Attach segment" button.

The main configuration area contains the following fields:

Controlling Area	9100	A Grp Controlling area
Cycle	91CG1P	Cooling service General - Plan
Segment Name	91CG1P0001	9103001 Cooling serv gen <input type="checkbox"/> Lock indicator

Below the main configuration area, there are four tabs: "Segment Header", "Senders/Receivers", "Sender Values", and "Receiver Tracing Factor". The "Sender Values" tab is currently active, showing the following configuration:

Sender Values	
Rule	Posted quantities
Share in %	100.00 %
<input type="radio"/> Act Values	<input checked="" type="radio"/> Plan Vals

The "Receiver Tracing Factor" tab is also visible, showing the following configuration:

Receiver Tracing Factor	
Rule	Variable portions
Var. portion type	Plan Stat. Key Figures
Scale Neg. Tracing Factors	No scaling

SAP CONTROLLING CONFIGURATION 4.7

Cycle Edit Goto Extras System Help

Create Plan Indirect Activity Allocation Cycle: Segment

Attach segment

Controlling Area: 9100 A Grp Controlling area
 Cycle: 91C61P Cooling service General - Plan
 Segment Name: 91C61P0001 9103001 Cooling serv gen Lock indicator

Segment Header | Senders/Receivers | Sender Values | Receiver Tracing Factor

	From	To	Group
Sender			
Cost Center	9103001		
Activity Type	UTC601		
Receiver			
Order			
Cost Center	9103002	9103003	
Activity Type			
WBS Element			
Cost Object			

SAP CONTROLLING CONFIGURATION 4.7

Create Plan Indirect Activity Allocation Cycle: Segment

Controlling Area: 9100 A Grp Controlling area
Cycle: 91CG1P Cooling service General - Plan
Segment Name: 91CG1P0001 9103001 Cooling serv gen Lock indicator

Segment Header | Senders/Receivers | **Sender Values** | Receiver Tracing Factor

Sender values

Share in %: 100.00
 Actual value origin Plan value origin

Selection criteria

	From	to	Group
Version			

SAP CONTROLLING CONFIGURATION 4.7

Cycle Edit Goto Extras System Help

Create Plan Indirect Activity Allocation Cycle: Segment

Attach segment

Controlling Area: 9100 A Grp Controlling area
Cycle: 91C61P Cooling service General - Plan
Segment Name: 91C61P0001 9103001 Cooling serv gen Lock indicator

Senders/Receivers | Sender Values | Receiver Tracing Factor | Receiver Wei...

Tracing Factor

Var. portion type: Plan Stat. Key Figures
Scale Neg. Tracing Factors: No scaling

Selection Criteria

	From	to	Group
Version			
Activity Type			
Stat. key fig.	UTC601		

SAP CONTROLLING CONFIGURATION 4.7

Controlling Area: 9100 A Grp Controlling area
Cycle: 910G1P Cooling service General - Plan
Segment Name: 910G1P0001 9103001 Cooling serv gen Lock indicator

Sender Values | Receiver Tracing Factor | Receiver Weighting Factors

Cost Ctr	Factor per
9103002	100
9103003	100

Click 

Click on  to check the cycle

Click on Save 

7.9 Define Splitting Structure

IMG à Controlling à Cost Center Accounting à Planning à Allocations à Activity Allocation à Splitting à Define Splitting Structure

Need for a splitting structure:- If a cost center is rendering 2 activities (which are activity independent) then we need to apportion the costs of the cost center to these activities. If we do not define a splitting structure, SAP system will divide the costs equally between these activity types. In case you don't want this to happen we need to define the splitting structure. Thus in splitting structure we define which cost elements will get allocated to which activity type. This applies to both plan and actual costs.

SAP CONTROLLING CONFIGURATION 4.7

A splitting structure consists of one or more assignments, which define the connection between the cost element(s) or cost element group to be split and the splitting rule used to divide the costs.

Each splitting rule is based on a splitting method. Based on the splitting methods, which are fixed in the R/3 System, we can split plan costs according to the following criteria:

- Activity quantity
- Equivalence number
- Capacity
- Output
- Scheduled activity
- Statistical key figure (quantity)
- Statistical key figure (maximum quantity)
- No splitting is executed

After we define a splitting structure, we must assign it to the cost centers on which we want to split costs according to the given rules. We can assign a structure to:

All cost centers

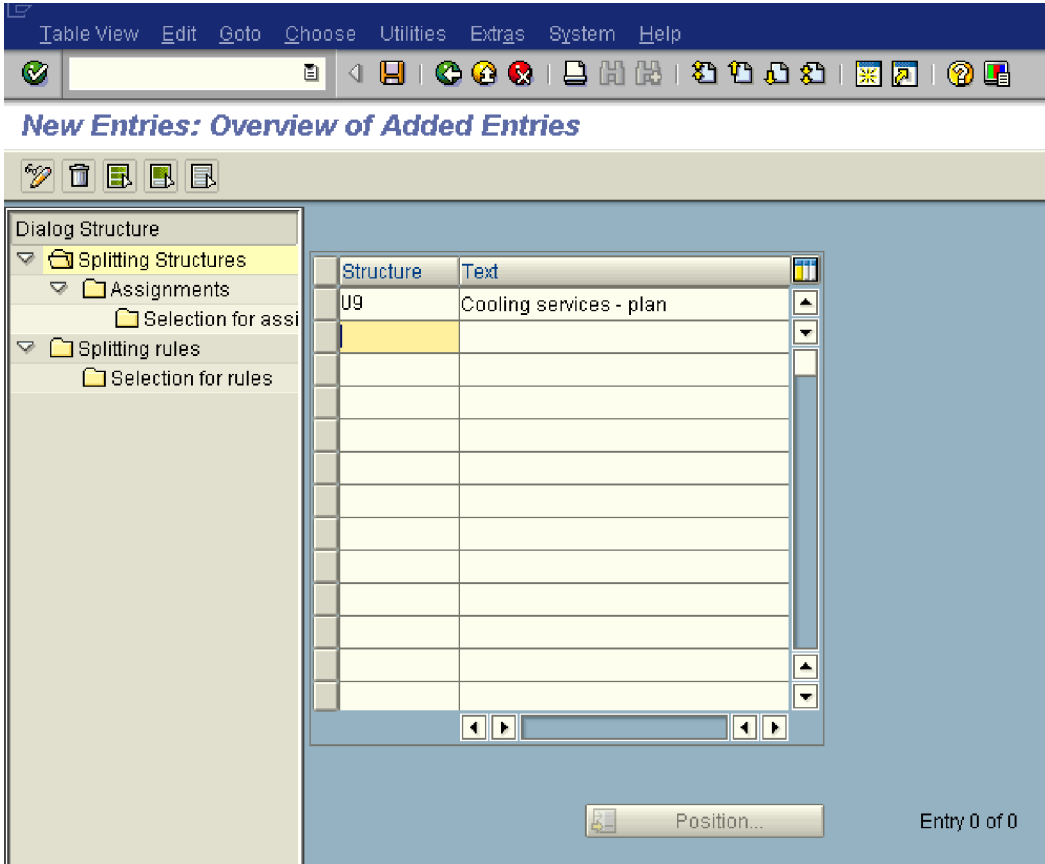
All cost centers in a given group

All cost centers in a given interval

The structure can apply to a single version or to all versions in a controlling area for a fiscal year.


Click on  and update the following: -

SAP CONTROLLING CONFIGURATION 4.7



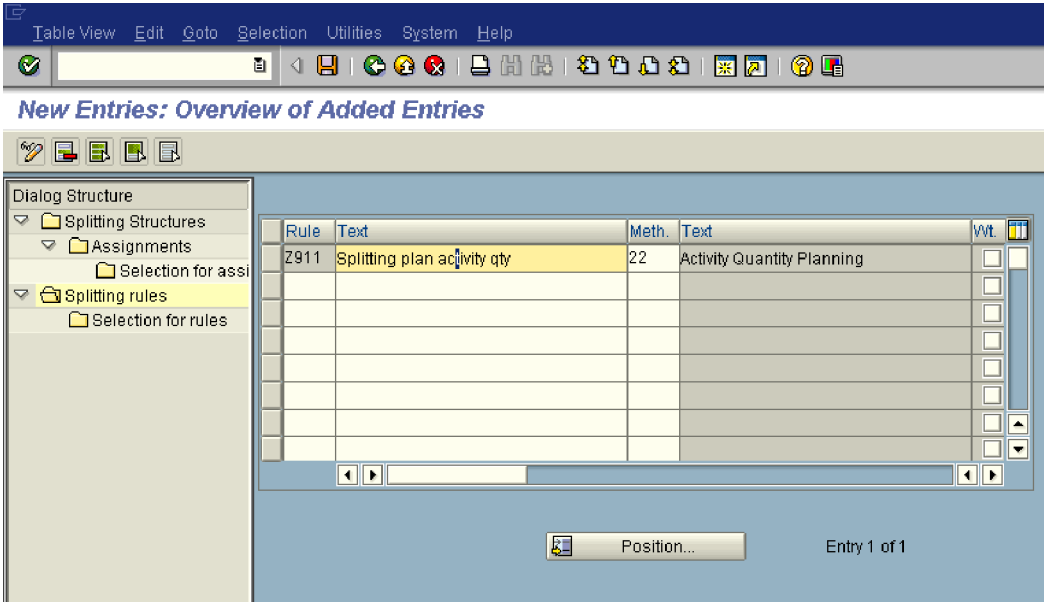
Click on Save 

Create splitting rule

Double Click  Splitting rules

Click on  and update the following: -

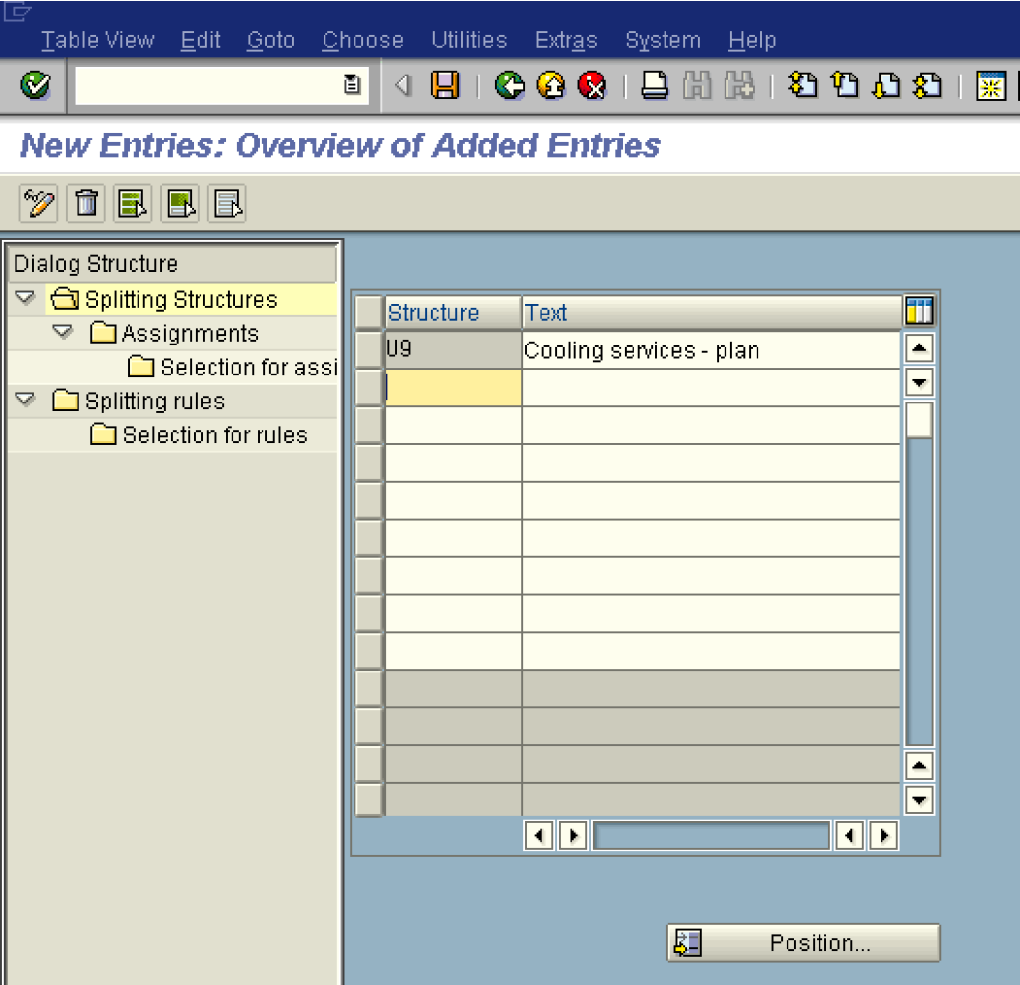
SAP CONTROLLING CONFIGURATION 4.7



Click on Save 

Click  twice

SAP CONTROLLING CONFIGURATION 4.7



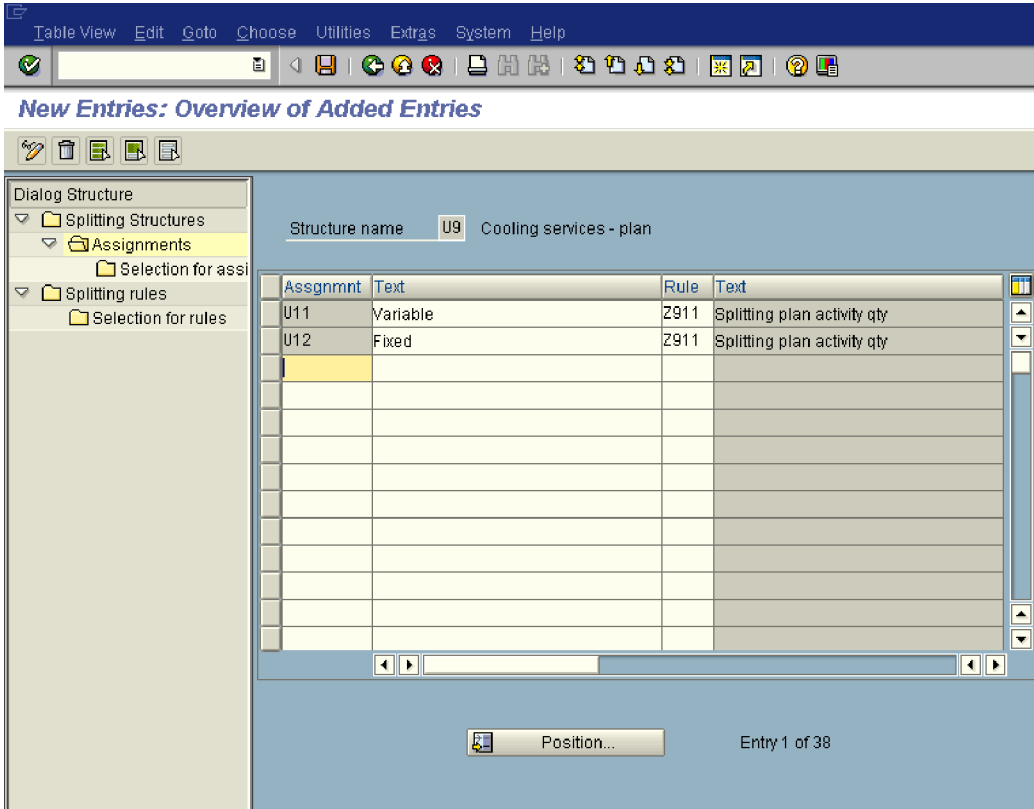
Assign the splitting structure to rule

Select

Double Click

Click on and update the following: -

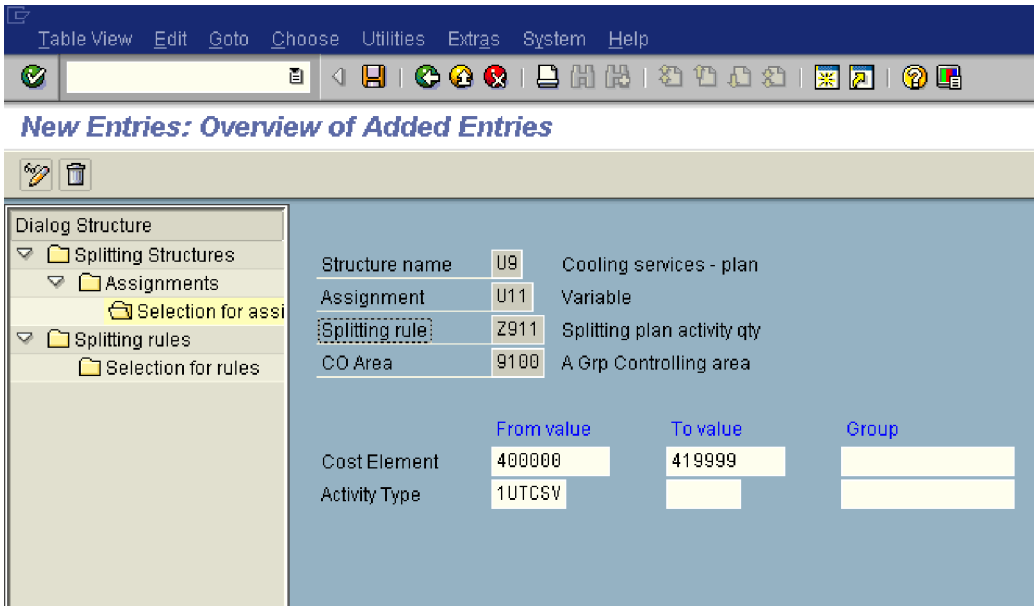
SAP CONTROLLING CONFIGURATION 4.7



Select **U11** Variable **Z911** Splitting plan activity quantity

Double Click **Selection for assi**

Click on **New entries** and update the following: -



SAP CONTROLLING CONFIGURATION 4.7

Click on Save 

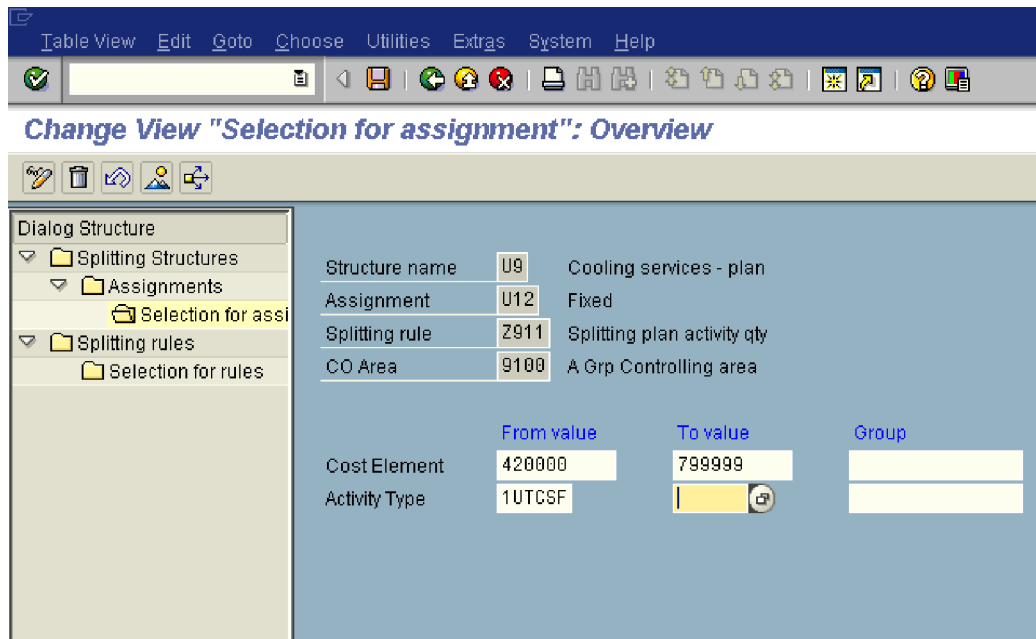
Click 

Select

U12	Fixed	Z911	Splitting plan activity quant
-----	-------	------	-------------------------------

Double Click  Selection for assi

Click on  and update the following: -



The screenshot shows the SAP dialog box titled "Change View 'Selection for assignment': Overview". The dialog has a menu bar (Table View, Edit, Goto, Choose, Utilities, Extras, System, Help) and a toolbar. On the left is a "Dialog Structure" tree with folders for "Splitting Structures", "Assignments", "Splitting rules", and "Selection for rules". The main area displays the following configuration:

Structure name	U9	Cooling services - plan	
Assignment	U12	Fixed	
Splitting rule	Z911	Splitting plan activity qty	
CO Area	9100	A Grp Controlling area	

	From value	To value	Group
Cost Element	420000	799999	
Activity Type	1UTCSE		

Click on Save 

8 Actual Postings

8.1 Edit Automatic Account Assignment

IMG à Controlling à Cost Center Accounting à Actual Postings à Manual Actual Postings à Edit Automatic Account Assignment (**OKB9**)

Here we define automatic additional account assignments for postings to primary cost elements.

Automatic assignment occurs during postings in external accounting (within the FI, MM, or SD components) if we did not enter a CO account assignment object (cost center, order, or project) for a cost accounting relevant posting.

This always happens in SAP in case of automatically created line item.

Examples of Automatically Created Items are:-

Discounts, exchange rate differences, and banking fees in FI

SAP CONTROLLING CONFIGURATION 4.7

Price differences and minor differences in MM

Possible automatic additional account assignments include:

Cost center

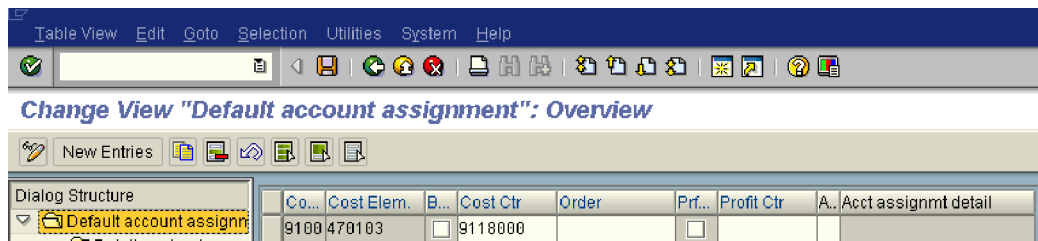
Order

Profit center (for revenue postings)

Account assignment can be made mandatory for business area, valuation area or the profit center level. We need to select the relevant mandatory account assignments

Bank charges should be defaulted to a particular cost center. In our case Bank charges GL code is 470103 and should be defaulted to Company General profit center 9118000

Click on  and update the following: -



Click on Save 

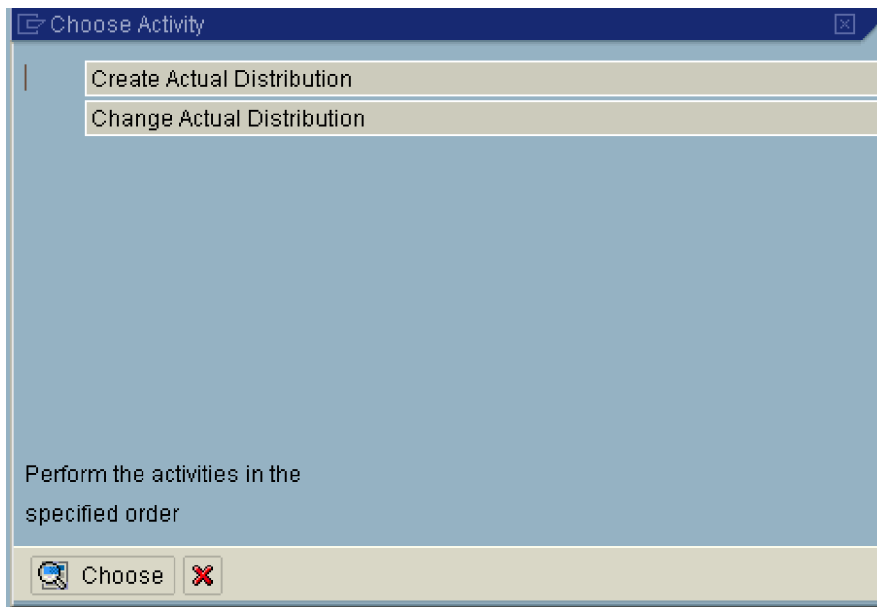
8.2 Distribution (KSV1)

IMG à Controlling à Cost Center Accounting à Actual Postings à Period-End Closing à Distribution à Define Distribution

You can copy the plan distribution cycle into actual cycles.

You can also use transaction code KSV1 to create actual distribution cycle.

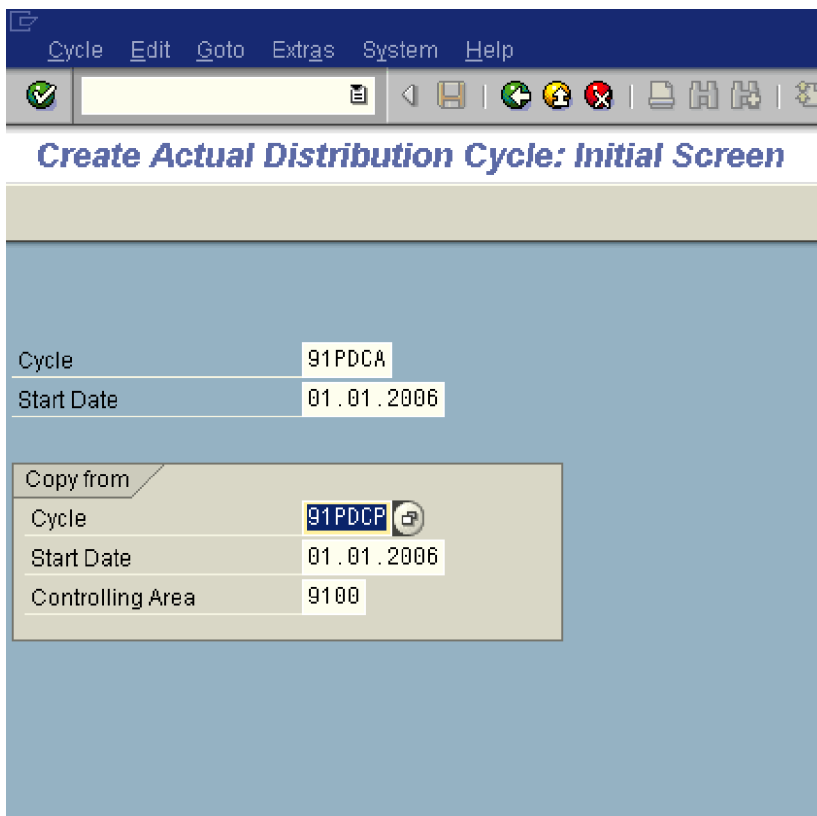
SAP CONTROLLING CONFIGURATION 4.7



Double click **Create Actual Distribution**

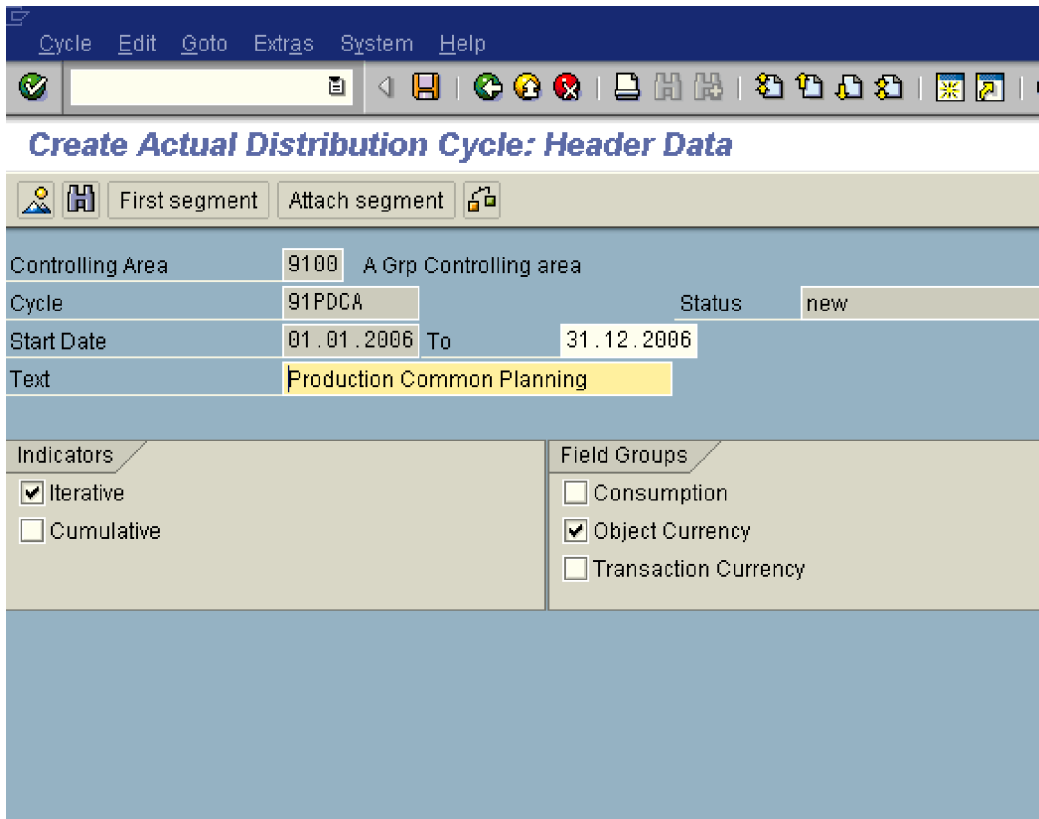
Update the following:-

You need to suffix the actual cycle with A



SAP CONTROLLING CONFIGURATION 4.7

Click 



The screenshot shows the SAP 'Create Actual Distribution Cycle: Header Data' screen. The interface includes a menu bar with 'Cycle', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main area contains the following data:

Controlling Area	9100	A Grp Controlling area
Cycle	91PDCA	Status new
Start Date	01.01.2006	To 31.12.2006
Text Production Common Planning		

Below the data fields are two sections: 'Indicators' and 'Field Groups'.

Indicators:

- Iterative
- Cumulative

Field Groups:

- Consumption
- Object Currency
- Transaction Currency

Click 

SAP CONTROLLING CONFIGURATION 4.7

The screenshot shows the 'Segment Overview' window in SAP. It features a table with the following columns: Name, Text, Sort field, Sender rule, Rec.rule, Sc..., and Lock. The first row contains the following data:

Name	Text	Sort field	Sender rule	Rec.rule	Sc...	Lock
91PDCP0001	9101000 Production co...		1 Posted amou...	3 Fixed perce...		

Below the table, there are navigation arrows and a 'No. of Segments' field with the value 1. A toolbar at the bottom includes icons for a checkmark, search, refresh, save, print, and other functions, along with an 'Attach Segment' button and a close icon.

Double click

91PDCP0001	9101000 Production co...	
------------	--------------------------	--

SAP CONTROLLING CONFIGURATION 4.7

Create Actual Distribution Cycle: Segment

Controlling Area: 9100 A Grp Controlling area
Cycle: 91PDCA Production Common Planning
Segment Name: 91PDCP0001 9101000 Production common Lock indicator

Segment Header | Senders/Receivers | Sender Values | 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 

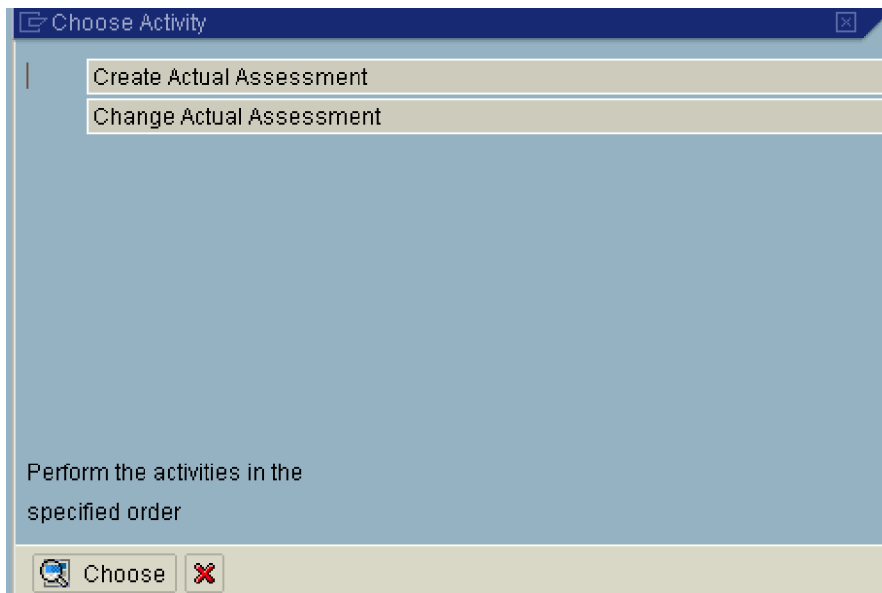
Click on 

8.3 Assessment

IMG à Controlling à Cost Center Accounting à Actual Postings à Period-End Closing à Assessment à Maintain Assessment

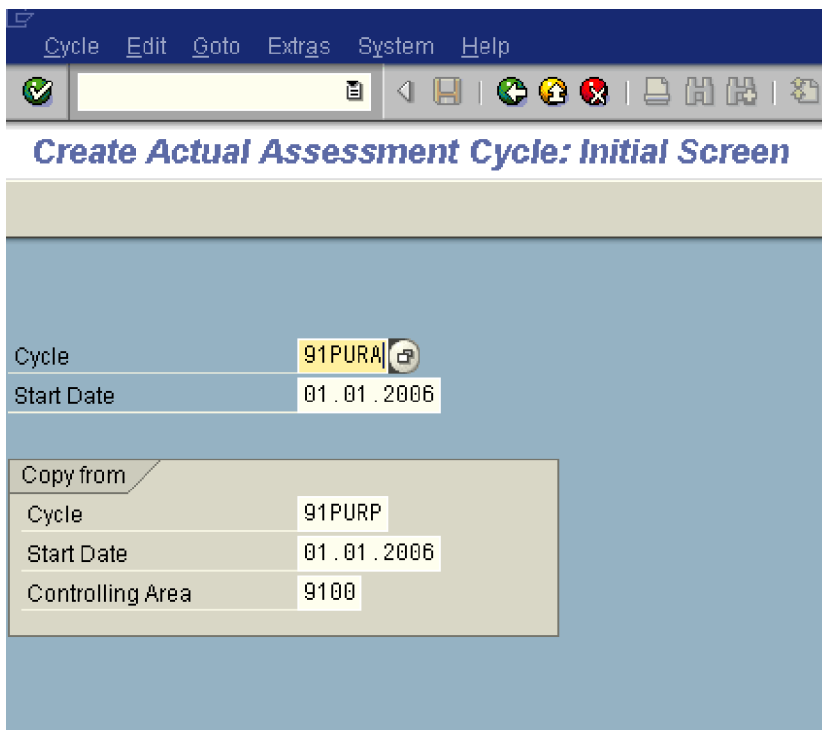
You can copy the plan assessment cycle into actual cycles.

SAP CONTROLLING CONFIGURATION 4.7



Double click

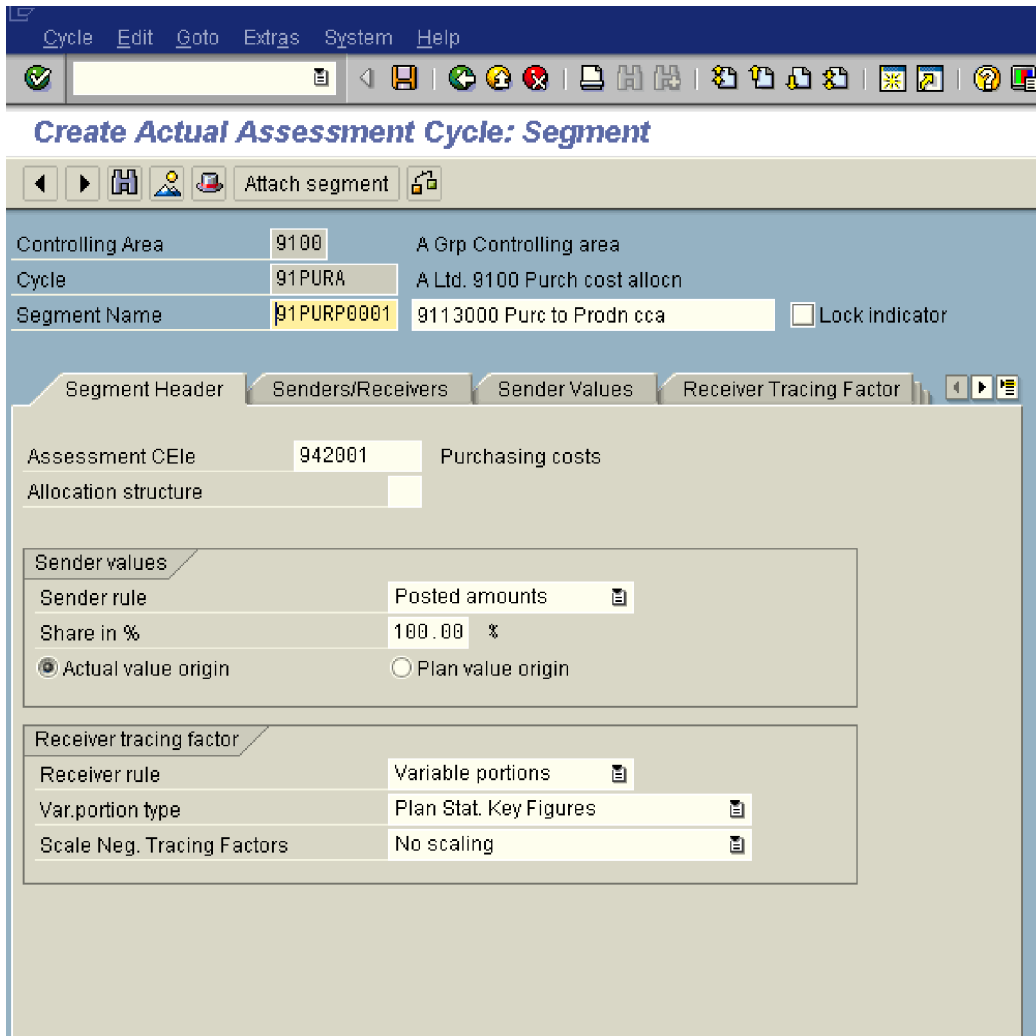
The actual cycle name should be suffixed with A.



Click 

Click 

SAP CONTROLLING CONFIGURATION 4.7



Create Actual Assessment Cycle: Segment

Controlling Area: 9100 A Grp Controlling area
Cycle: 91PURA A Ltd. 9100 Purch cost allocn
Segment Name: 91PURP0001 9113000 Purc to Prodn cca Lock indicator

Segment Header | Senders/Receivers | Sender Values | Receiver Tracing Factor

Assessment CEle: 942001 Purchasing costs
Allocation structure:

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 Stat. Key Figures
Scale Neg. Tracing Factors: No scaling

Change to

Click 

Click on 

8.4 Define Indirect Activity Allocation

IMG à Controlling à Cost Center Accounting à Actual Postings à Period-End Closing à Activity Allocation à Indirect Activity Allocation à Define Indirect Activity Allocation

You can copy the plan indirect activity cycle into actual cycles.

8.5 Define Splitting Structure

IMG à Controlling à Cost Center Accounting à Actual Postings à Period-
End Closing à Activity Allocation à Splitting à Define Splitting Structure

Configuration similar to plan Splitting structure