

# S4 HANA Enterprise Management Fixed Asset Configuration

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[COMPANY NAME] [Company address]

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# 1. INTRODUCTION

Asset accounting module in SAP manages fixed assets data of an organization by way of asset master records. Asset accounting module thus acts as a sub ledger to the FI module for managing asset records.

SAP gives us the functionality in Asset module of managing depreciation and assets in parallel according to various reporting requirements i.e. Local Reporting, Parent company reporting, Tax reporting, US GAAP reporting and so on.

You must assign a chart of depreciation to each company code that is defined in Asset Accounting. SAP provides country-specific charts of depreciation with predefined depreciation areas. These charts of depreciation serve only as a reference for creating your own charts of depreciation, and are therefore not directly accessible in the SAP system. When creating a chart of depreciation, you have to copy the reference chart of depreciation.

In this configuration, we created a company code 2498 and Chart of depreciation as 2498

This company has head office in US reporting to UK and head office is in Germany and Following 2 Accounting principles US GAAP and IFRS

Company code currency is USD

Global Currency is EURO

Hard Currency is GBP

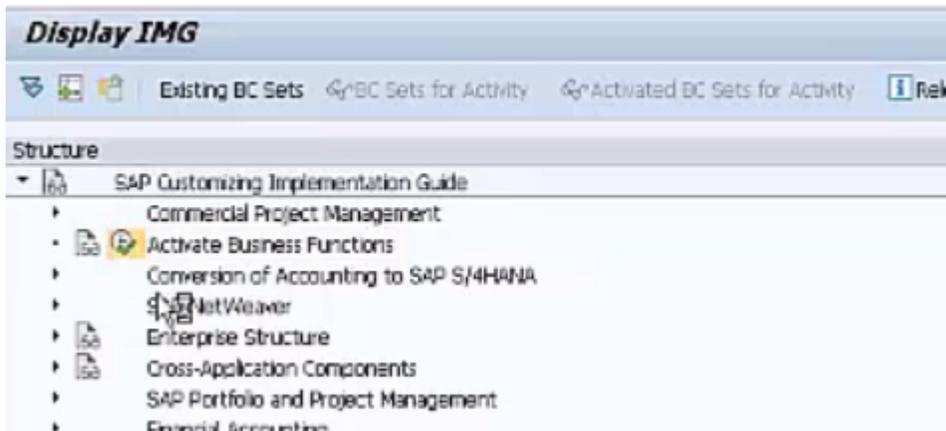


For configuration we use the following path on the SAP application screen:- SAP Menu - Tools - AcceleratedSAP - Customizing - SPRO - Edit Project -

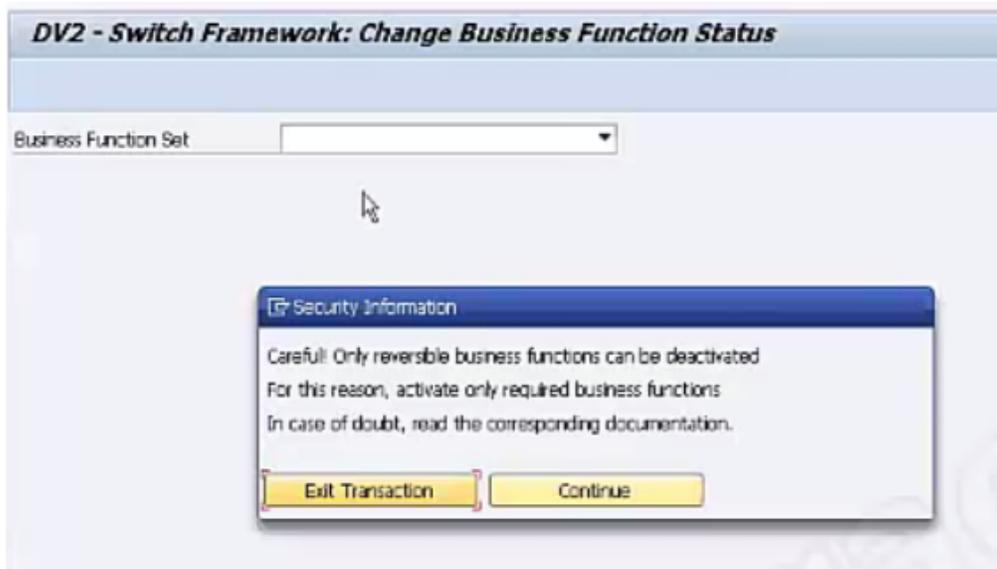
Configuration for all the modules will be done here. The above path will not refer henceforth; we will directly refer to the IMG node.

## 2. Activate Business Functions

T code : SFW5



Press Continue



Select Enterprise\_ business Functions

Name	Description	Planned Status
<ul style="list-style-type: none"> <li>▶ ENTERPRISE_EXTENSIONS</li> <li>▶ ENTERPRISE_BUSINESS_FUNCTIONS</li> <li>▶ S/4H_ALWAYS_ON_FUNCTIONS</li> <li>▶ S/4H_SCOPE_FUNCTIONS</li> </ul>	<ul style="list-style-type: none"> <li>Enterprise Extensions</li> <li>Enterprise Business Functions</li> <li>S/4H Always ON Business Functions</li> <li>Scope Business Functions</li> </ul>	

Activate FIN\_AA\_PARALLE\_VAL

**DV2 - Switch Framework: Change Business Function Status**

Check Discard Changes Activate Changes Switch Framework Browser Display Legend

Business Function Set

Name	Description	Planned Status	Dep...	Doc...	Sc
• ERP_IPM_BACKEND_2	IPM, Download to CRM of Material-Related ...	<input type="checkbox"/>		!	S4I
• ERP_MATERIAL_SOA	Master Data Governance for Material, Ente...	<input type="checkbox"/>		!	MD
• ERP_NWBC_ROLES	ERP, Roles for SAP NetWeaver Business Cl...	<input type="checkbox"/>		!	S4I
• ERP_WEB_CHANNEL_1	SAP Web Channel Experience Managemen...	<input type="checkbox"/>	!	!	S4I
• ERP_WEB_CHANNEL_2	SAP Web Channel Experience Managemen...	<input type="checkbox"/>	!	!	S4I
• ERP_WEB_CHANNEL_3	SAP Web Channel Experience Managemen...	<input type="checkbox"/>	!	!	S4I
• ESOA_CP501	Enhancement Package 2 - Service Enablin...	<input type="checkbox"/>		!	S4I
• FICA_FSCM_CRM_DISPUTE	Integration FICA Depute / CRM Complaint	<input type="checkbox"/>		!	S4I
• FINS_CFIN	Central Finance	<input type="checkbox"/>		!	S4I
• FINS_CO_IDO_PROC_ENH_101	Intercompany Process Enhancements 1 (R...	<input type="checkbox"/>		!	S4I
• FIN_AA_CI_1	FI-AA, Asset Accounting - Obsolete in S4H	Business function is obsolete and ...		!	S4I
• <b>FIN_AA_PARALLEL_VAL</b>	FI-AA, Parallel Valuation	Business func. will remain activated		!	S4I
• FIN_ACC_GC_RLOC	Financials, Group Close, Allocation	<input type="checkbox"/>		!	S4I
• FIN_ACC_GC_ASTHFS	Financials, Group Close, Assets Held for Sale	<input type="checkbox"/>		!	S4I

### 3. Copy Reference Chart of Depreciation / Depreciation areas

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Copy Reference Chart of Depreciation/Depreciation Areas

The chart of depreciation is a list of depreciation areas arranged according to business and legal requirements. The chart of depreciation enables you to manage all rules for the valuation of assets in a particular country.

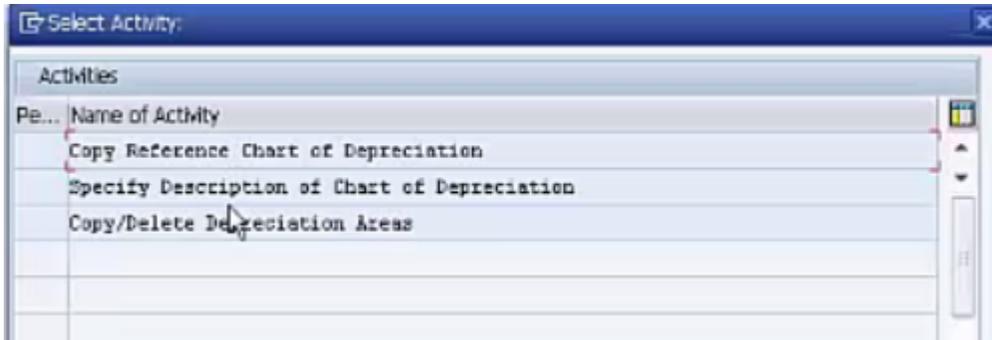
You must assign a chart of depreciation to each company code that is defined in Asset Accounting. SAP provides country-specific charts of depreciation with predefined depreciation areas. These charts of depreciation serve only as a reference for creating your own charts of depreciation, and are therefore not directly accessible in the SAP system. When creating a chart of depreciation, you have to copy the reference chart of depreciation.

When you create a chart of depreciation, the system copies all of the depreciation areas in the reference chart of depreciation. You have to delete any depreciation areas that you do not need in your chart of depreciation.

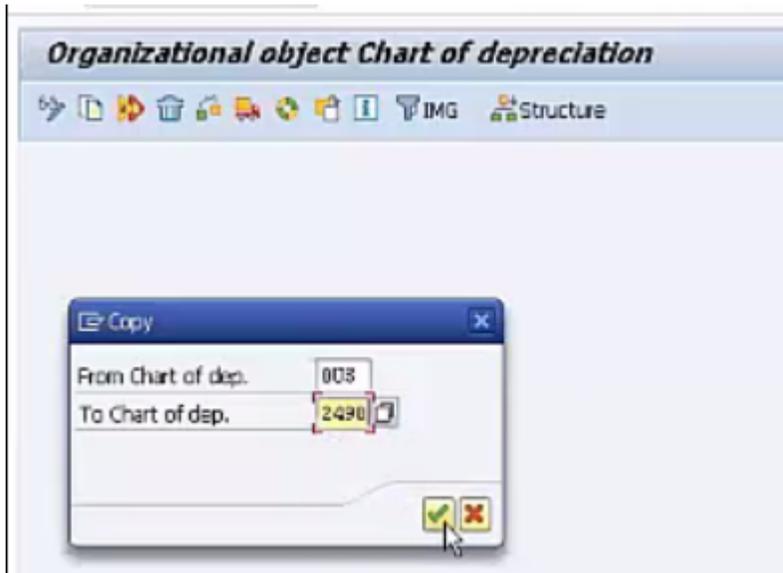
Depreciation areas that are not used can still be activated at a later point in time (after the production startup). A newly activated depreciation area can take over values from another depreciation area.

SAP has provided chart of depreciation for various countries. Unfortunately for India it has not provided any chart of depreciation. Therefore we use German chart of depreciation.

Let us copy the chart of depreciation from US chart of depreciation to create new chart of depreciation.



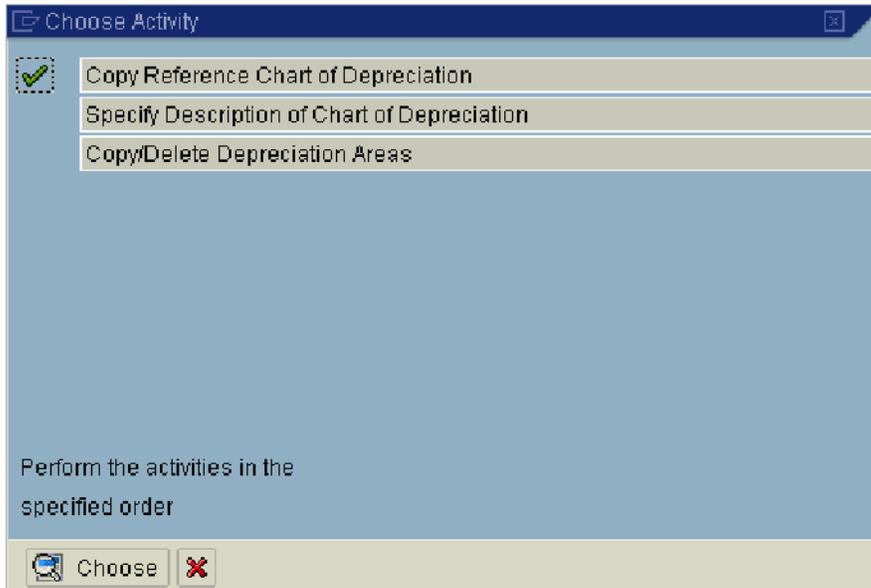
Copy from OUS to 2498



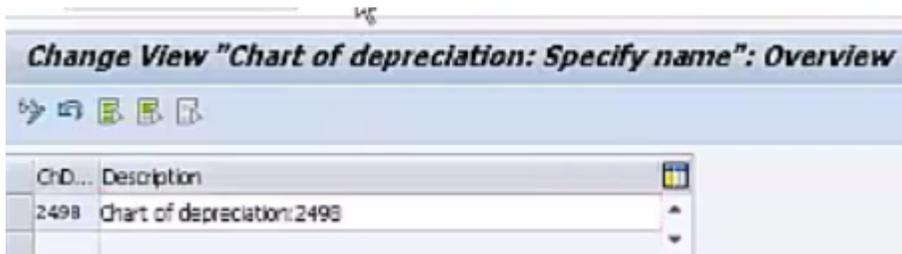
#### *4. Specify Description of Chart of Depreciations*

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Copy Reference Chart of Depreciation/Depreciation Areas

Change the Description of chart of depreciation so copied.



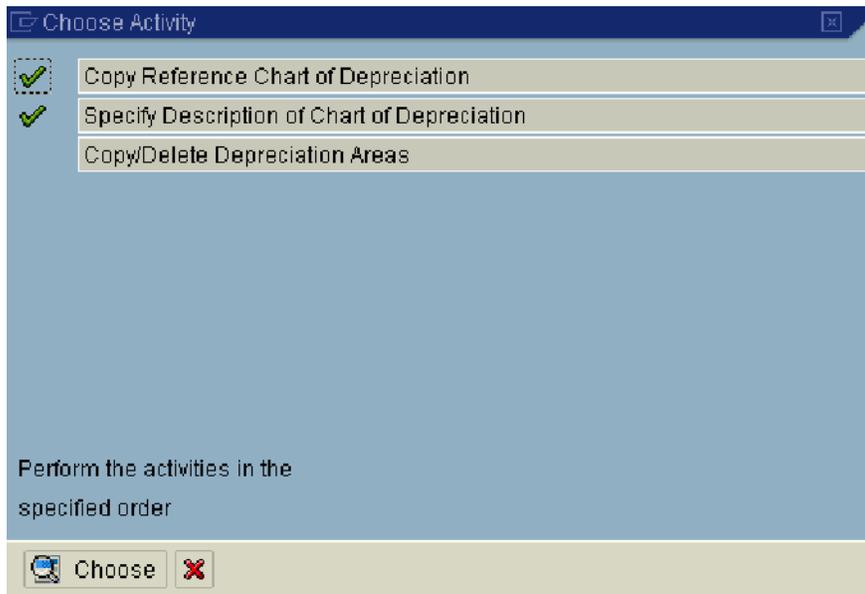
Change the following: -



## 5. Copy/Delete Depreciation Areas

IMG - Financial Accounting - Asset Accounting - Organizational structures - Copy Reference Chart of Depreciation/Depreciation Areas

## VERY IMPORTANT CONFIGURATION



Double Click on Copy/Delete Depreciation Areas

And update the depreciation area



We will delete the unwanted depreciation areas which were copied from the reference chart of depreciation.

We select the areas for deletion like this

**Change View "Define Depreciation Areas": Overview**

Chart of dep. 2498 (Chart of depreciation:2498)

Ar.	Name of Depreciation Area	Real	Trgt. Group	Acc.Princ.	G/L
1	Book depreciation in local currency	<input checked="" type="checkbox"/>			1 Area Posts in Real Time
10	Federal Tax ACRS/MACRS	<input checked="" type="checkbox"/>			0 Area Does Not Post
11	Alternative Minimum Tax	<input checked="" type="checkbox"/>			0 Area Does Not Post
12	Adjusted Current Earnings	<input checked="" type="checkbox"/>			0 Area Does Not Post
13	Corporate Earnings & Profits	<input checked="" type="checkbox"/>			0 Area Does Not Post
30	Consolidated balance sheet in local currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
31	Consolidated balance sheet in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
32	Book depreciation in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
40	State modified ACRS	<input checked="" type="checkbox"/>			0 Area Does Not Post
80	Insurance values	<input checked="" type="checkbox"/>			0 Area Does Not Post

**Change View "Define Depreciation Areas": Overview**

Chart of dep. 2498 (Chart of depreciation:2498)

Ar.	Name of Depreciation Area	Real	Trgt. Group	Acc.Princ.	G/L
1	Book depreciation in local currency	<input checked="" type="checkbox"/>			1 Area Posts in Real Time
10	Federal Tax ACRS/MACRS	<input checked="" type="checkbox"/>			0 Area Does Not Post
11	Alternative Minimum Tax	<input checked="" type="checkbox"/>			0 Area Does Not Post
12	Adjusted Current Earnings	<input checked="" type="checkbox"/>			0 Area Does Not Post
13	Corporate Earnings & Profits	<input checked="" type="checkbox"/>			0 Area Does Not Post
30	Consolidated balance sheet in local currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
31	Consolidated balance sheet in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
32	Book depreciation in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
40	State modified ACRS	<input checked="" type="checkbox"/>			0 Area Does Not Post
80	Insurance values	<input checked="" type="checkbox"/>			0 Area Does Not Post

Then Click on 

We will delete depreciation area 10, 11, 12, 13, 40, 80

We require depreciation area 30 (Consolidated balance sheet in local currency) ,31 Consolidated balance sheet in group currency, and depreciation area 32 since 2 additional currencies in EUR and GBP are configured in the FI-GL module.

**We have to create depreciation areas equal to – No of accounting principles X no of currencies : ie 6 depreciation areas to be created**

Change name of depreciation Areas and short description of depreciation Areas

Ar.	Name of Depreciation Area	Real	Trgt. Group	Acc.Princ.	G/L
1	Book deprecation in local currency	<input checked="" type="checkbox"/>			1 Area Posts in Real Time
30	Consolidated balance sheet in local currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
31	Consolidated balance sheet in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
32	Book deprecation in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post

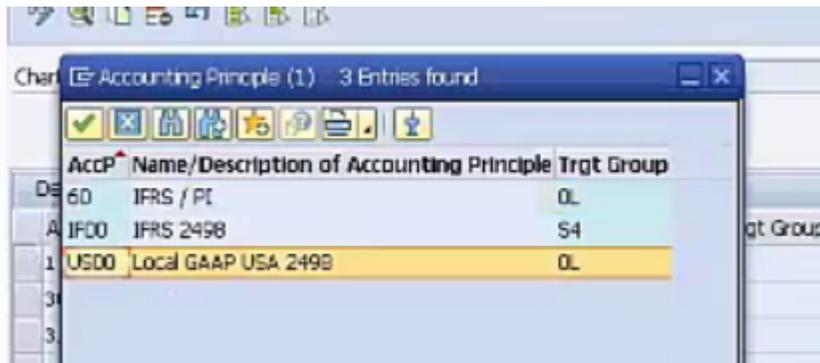
Create two more depreciation Areas

Total 6 depreciation area

Two Accounting principles ( US GAP and IFRS ) and 3 currencies ( Company code (Local Currency) USD, Group Currency (EURO) and Hard Currency (GBP)

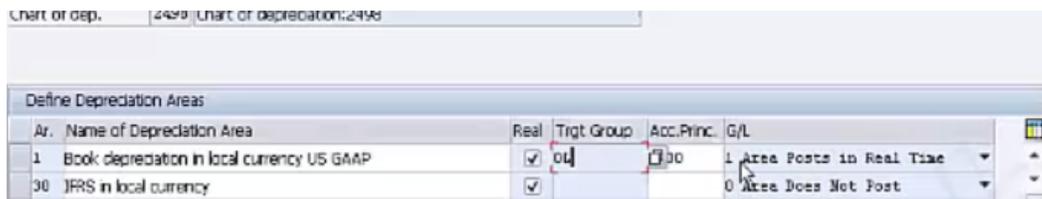
Ar.	Name of Depreciation Area	Real	Trgt. Gro	Acc.Princ.	G/L
1	Book deprecation in local currency US GAAP	<input checked="" type="checkbox"/>			Area Posts in Real Time
30	IFRS in local currency	<input checked="" type="checkbox"/>			Area Does Not Post
31	US GAAP in group currency	<input checked="" type="checkbox"/>			Area Does Not Post
32	IFRS in group currency	<input checked="" type="checkbox"/>			Area Does Not Post
33	US GAAP in Hard currency	<input checked="" type="checkbox"/>			Area Does Not Post
34	IFRS in Hard currency	<input checked="" type="checkbox"/>			Area Does Not Post

## 6. Assign Accounting Principles to Depreciation Areas

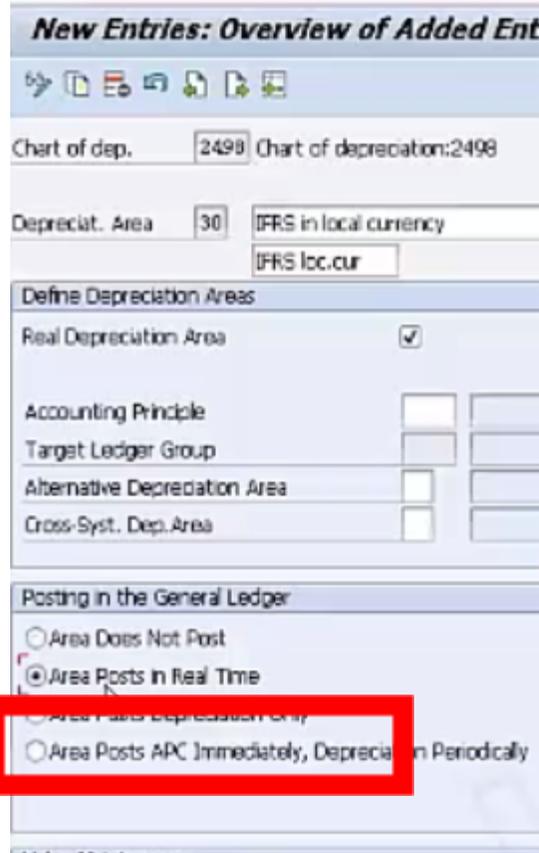
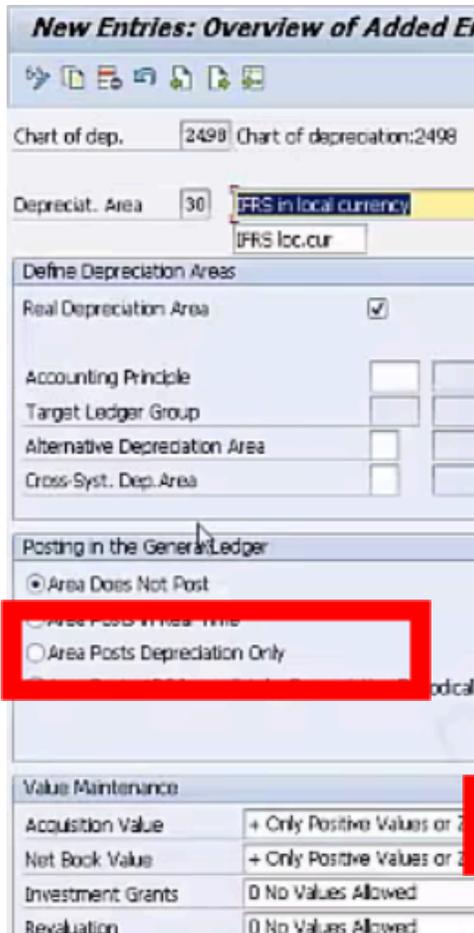


Assign US00 to Deprecation area 1.

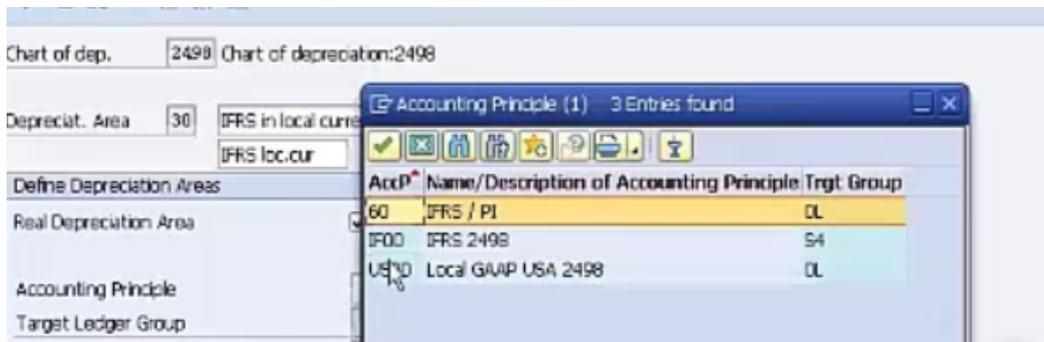
Once assigned we can see OL Target group is automatically picked



Now select deprecation area 30 and enter detail button and Change select "Area Posted in Real Time"



Assign Accounting principle IF00 (IFRS 2489) to depreciation areas 30



Once you assign Accounting principle IF00, ledger group S4 assigned automatically, since we assigned Ledger group S4 to Accounting Principle IF00.

**New Entries: Overview of Added Entries** Back (F3)

Chart of dep.  Chart of depreciation:2498

Depreciat. Area  IFRS in local currency

**Define Depreciation Areas**

Real Depreciation Area

Accounting Principle

Target Ledger Group

Alternative Depreciation Area

**New Entries: Overview of Added Entries**

Chart of dep.  Chart of depreciation:2498

**Define Depreciation Areas**

Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book: depreciation in local currency US GAAP	<input checked="" type="checkbox"/>	0L	US00	1 Area Posts in Real Time
30	IFRS in local currency	<input checked="" type="checkbox"/>	S4	IF00	1 Area Posts in Real Time
31	US GAAP in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post
32	IFRS in group currency	<input checked="" type="checkbox"/>			0 Area Does Not Post

We have to assign other Accounting principles to 31, 32, 33, 34 depreciation areas .

**New Entries: Overview of Added Entries**

Chart of dep.  Chart of depreciation:2498

**Define Depreciation Areas**

Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book: depreciation in local currency US GAAP	<input checked="" type="checkbox"/>	0L	US00	1 Area Posts in Real Time
30	IFRS in local currency	<input checked="" type="checkbox"/>	S4	IF00	1 Area Posts in Real Time
31	US GAAP in group currency	<input checked="" type="checkbox"/>		US00	0 Area Does Not Post
32	IFRS in group currency	<input checked="" type="checkbox"/>		IF00	0 Area Does Not Post
33	US GAAP in Hard currency	<input checked="" type="checkbox"/>		US00	0 Area Does Not Post
34	IFRS in Hard currency	<input checked="" type="checkbox"/>		IF00	0 Area Does Not Post

Once saved you will get like this . All Trgt groups are filled with data

**New Entries: Overview of Added Entries**

Chart of dep. 2498 | Chart of depreciation:2498

Define Depreciation Areas

Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book: depreciation in local currency US GAAP	<input checked="" type="checkbox"/>	0L	US00	1 Area Posts in Real Time
30	JFRS in local currency	<input checked="" type="checkbox"/>	S4	IF00	1 Area Posts in Real Time
31	US GAAP in group currency	<input checked="" type="checkbox"/>	0L	US00	0 Area Does Not Post
32	JFRS in group currency	<input checked="" type="checkbox"/>	S4	IF00	0 Area Does Not Post
33	US GAAP in Hard currency	<input checked="" type="checkbox"/>	0L	US00	0 Area Does Not Post
34	JFRS in Hard currency	<input checked="" type="checkbox"/>	S4	IF00	0 Area Does Not Post

Points to note:

We assigned Ledger group S4 to Accounting Principle IF00.

**Change View "Ledger Assignment": Overview**

New Entries

Dialog Structure

- Ledger Group
  - Ledger Assignment

Ledger Group: S4

Ledger Assignment

Ld	Rep.Ledger
31	
33	

**Parallel Ledger with Parallel Financial year and parallel currencies**

0L – Leading Ledger for Local GAAP (K4 - Jan to Dec) – PV 2498  
 S1 – IFRS Ledger (V3 -April to March) – PV 2499  
 S2– (Extension Ledger) Underlying Ledger attaching with S1  
 S3 – Other Ledger For Asset (K4 - Jan to Dec) – PV 2498

**Posting Period Variant**  
 2498 – K4 Jan to Dec  
 2499 – V3 Apr to March

**Ledger Groups:**  
 0L – 0L Ledger  
 S1 - IFRS Ledger  
 S2 - Extension Ledger  
 S3 – AA Ledger for Match  
 S4 – S1 and S3

Ledger	Accounting Prin
0L	US00
S1	IF00
S3	IF00

**Currencies:**  
 Company Code currency 10 – USD \_Global  
 Group Currency 30 – EUR \_Company Code  
 Hard currency 40 – GBP \_Company Code  
 Additional Currency Z1 –AUD \_Company Code  
 Additional Currency Z2 –INR \_Company Code

**Accounting Principles:**

Ledger Group	Accounting Prin
0L	US00
S4	IF00

In Asset accounting, the number of currencies depends upon ledger setup in GL

**Change View "Company Code Settings for the Ledger": Overview**

Ledger: 0L Leading Ledger

CoCd	Company Name	Local Curr. T...	Global Curr. ...	FreeDef CrCY 1	FreeDef CrCY 2	FreeDef Cr...
0001	SAP A.G.	10	10			
2498	Sai Krishna Vallurupali	10	30	40	Z2	
2001	Country Template Egypt	10				

**Change View "Company Code Settings for the Ledger": Overview**

Ledger: 0L Leading Ledger

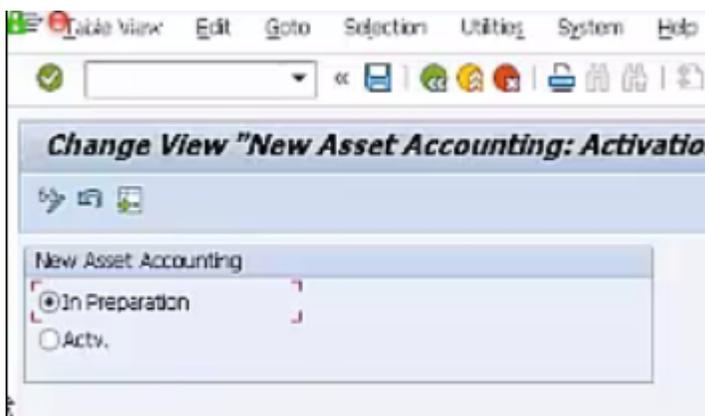
CoCd	FreeDef CrCY 4	FreeDef CrCY 5	FreeDef CrCY 6	FreeDef CrCY 7	FreeDef CrCY 8	Fisc. Year V...	Posting Vari...	Parallel GL ...	1st FI Curr...	2nd FI Cu...	3rd FI Curr...
0001						K4	0001	<input type="checkbox"/>	10		
2498						K4	2498	<input type="checkbox"/>	10	30	40
2001						K4	0001	<input type="checkbox"/>	10		

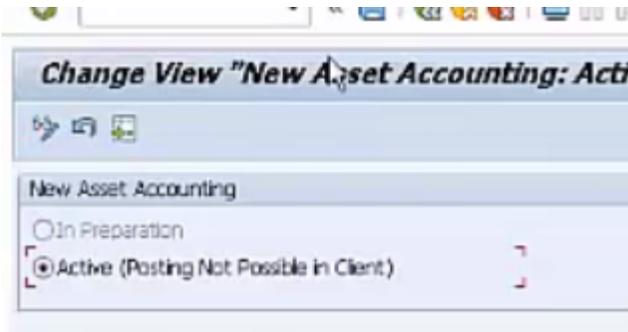
We must complete below 3 important steps as explained above.



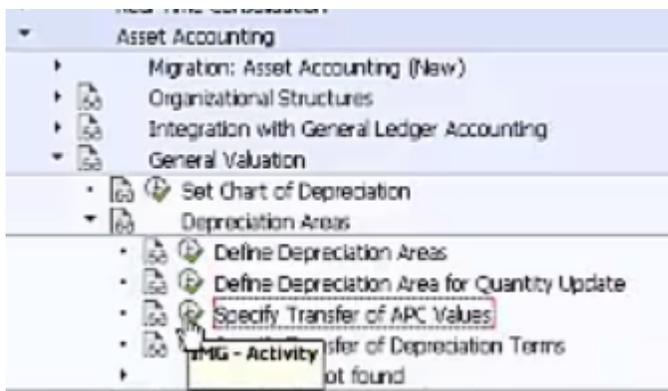
## 7. Activate New Asset Accounting

Asset Accounting > Preparation for Going Live > Production Startup > Activate New Asset Accounting (new Customization)





## 8. Specify Transfer of APC Values



Very important step to be done every carefully. Very careful.

01 to be removed and 00 to be entered



Since 01 and 30 are Real time posting, we have to make 30 IFRS in Local Currency as 00. And other also to be changed

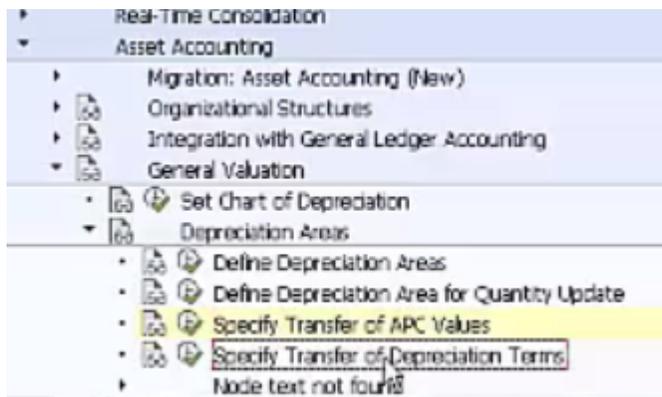
**Change View "Depreciation areas: Rules for value takeover"**

Chart of dep. 2498 Chart of depreciation:2498

Ar.	Name of Depreciation Area	ValAd	Ident.
01	Book depreciation in local currency US GAAP	00	<input type="checkbox"/>
30	IFRS in local currency	00	<input type="checkbox"/>
31	US GAAP in group currency	01	<input checked="" type="checkbox"/>
32	IFRS in group currency	30	<input checked="" type="checkbox"/>
33	US GAAP in Hard currency	01	<input checked="" type="checkbox"/>
34	IFRS in Hard currency	30	<input checked="" type="checkbox"/>

Identical check if ticked, posting of values does not allow manual correction

## 9. A Specify Transfer of Depreciation Terms



**Change View "Depreciation areas: Rules for takeover of deprec. terms":**

Chart of dep.  Chart of depreciation:2498

Ar.	Name of Depreciation Area	TTr	Identical
01	Book depreciation in local currency US GAAP	00	<input type="checkbox"/>
30	IFRS in local currency	01	<input type="checkbox"/>
31	US GAAP in group currency	30	<input checked="" type="checkbox"/>
32	IFRS in group currency	01	<input checked="" type="checkbox"/>
33	US GAAP in Hard currency	30	<input checked="" type="checkbox"/>
34	IFRS in Hard currency	01	<input checked="" type="checkbox"/>

Same changes as above.

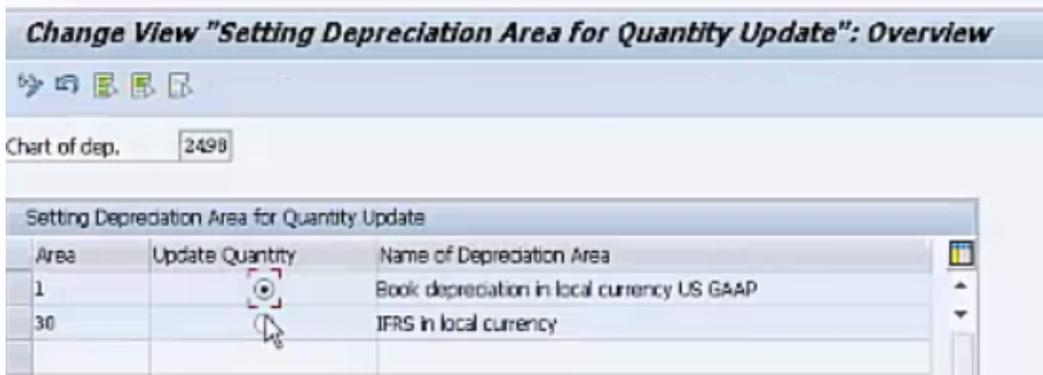
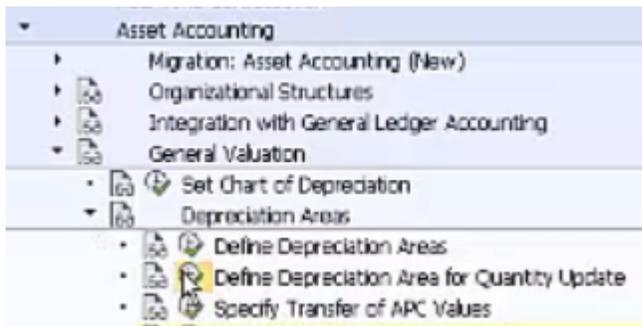
Other Depreciation areas will take Deprecation keys from 01 and 30 respectively

**Change View "Depreciation areas: Rules for takeover of deprec. terms":**

Chart of dep.  Chart of depreciation:2498

Ar.	Name of Depreciation Area	TTr	Identical
01	Book depreciation in local currency US GAAP	00	<input type="checkbox"/>
30	IFRS in local currency	00	<input type="checkbox"/>
31	US GAAP in group currency	01	<input checked="" type="checkbox"/>
32	IFRS in group currency	01	<input checked="" type="checkbox"/>
33	US GAAP in Hard currency	01	<input checked="" type="checkbox"/>
34	IFRS in Hard currency	01	<input checked="" type="checkbox"/>

## 10. Define Depreciation Area for Quantity Update



## 11. Specify the use of Parallel currency



**Change View "Set Up Parallel Currencies": Overview**

Chart of dep. 2498

Ar.	Dep. Area	Currency Type	ValAd	IdAPC	TTr	IdntTm
1	USGAAP Loc.		0	<input type="checkbox"/>	0	<input type="checkbox"/>
30	IFRS loc.cur		0	<input type="checkbox"/>	0	<input type="checkbox"/>
31	USGAAP G Cur		1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
32	IFRS(g.cur)		30	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>
33	USGAAP H Cur		1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
34	IFRS(H.cur)		30	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>

For Deprecation area 01 and 30 system automatically, company code currency type will apply

But we have to inform the system, what are currencies Types for Deprecation areas 31, 32, 33, 34

**Change View "Set Up Parallel Currencies": Overview**

Chart of dep. 2498

Ar.	Dep. Area	Currency Type	ValAd	IdAPC	TTr	IdntTm
1	USGAAP Loc.		0	<input type="checkbox"/>	0	<input type="checkbox"/>
30	IFRS loc.cur		0	<input type="checkbox"/>	0	<input type="checkbox"/>
31	USGAAP G Cur	30 Group Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
32	IFRS(g.cur)	30 Group Currency	30	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>
33	USGAAP H Cur	40 Hard Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
34	IFRS(H.cur)	40 Hard Currency	30	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>

## 12. Assign Input Tax Indicator for Non-Taxable Acquisitions

IMG - Financial Accounting - Asset Accounting - Integration with the General Ledger- Assign Input Tax Indicator for Non-Taxable Acquisitions

In this step, you specify an input tax indicator per company code. The system then uses this indicator when you post acquisitions that are not subject to tax, but which are posted to accounts that are tax-relevant.

Assign input tax indicator V0 (Input tax 0%)

Assign output tax indicator A0 (output tax 0%) to company code 2498 .

CoCd	Company Name	City	Input ...	Output...	Jurisdct. C...
0001	SAP A.G.	Walldorf	V0	A0	
0003	SAP US (IS-HT-SW)	Palo Alto	V0	A0	
00B1	IS-B Musterbank Deutschl.	Walldorf			
2498	Sai Krishna Vallurupalli	California			
AE01	Country Template AE	Dubai			

Update the following:-

CoCd	Company Name	City	Input ...	Output...	Jurisdct. C...
0001	SAP A.G.	Walldorf	V0	A0	
0003	SAP US (IS-HT-SW)	Palo Alto	V0	A0	
00B1	IS-B Musterbank Deutschl.	Walldorf			
2498	Sai Krishna Vallurupalli	California	V0	A0	
AE01	Country Template AE	Dubai			

Click on Save 

All the above steps must be completed to do the below steps- Important to note

### 13. Assign Chart of Depreciation to company code

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Assign Chart of Depreciation to Company Code

One of the important steps is the assignment of chart of depreciation to the company code. Here by this step, we link the asset accounting module to the FI company code.

Assign Chart of depreciation 2498 to company code 2498.



Update the following:-



Click on Save 

## 14. Define Deprecation Areas for Foreign Currencies



This data will be filled automatically once chart of account is assigned to company code



## 15. Specify Number Assignment Across Company codes (Optional)

IMG - Financial - Asset Accounting - Organizational Structures - Specify Number Assignment Across Company Codes

You can assign the main asset account number across company codes. Therefore, for every company code, you can determine from which (other) company code number assignment is to be carried out. In this step, you define a cross-company code assignment of the main asset number. If you do not want a cross-company code number assignment, you do not need to define any system settings here.

We do not want across company codes number range. So we do not anything here.

## 16. Specify Account Determination

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Asset Classes - Specify Account Determination

The key of an account determination must be stored in the asset class. The account determination links an asset master record to the general ledger accounts to be posted for an accounting transaction using the asset class. Usually,

you need at least the same number of account determinations as you have asset balance sheet accounts in the general ledger

<b>New Entries: Overview of Added Entries</b>	
Acct. determ.	Name for Account Determination
249801	End 2498
249802	Buildings 2498
249803	Machinery and Equipment 2498
249804	Fixtures and Fittings 2498
249805	Vehicles 2498
249806	Hardware (IT) 2498
249807	AUC 2498

Click on Save 

## 17. Create Screen Layout Rules

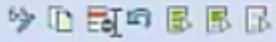
IMG - Financial Accounting - Asset Accounting - Organizational Structures - Asset Classes - Create Screen Layout Rules

The screen layout specifies the status of the fields in the asset master record. You use the screen layout to determine if fields are required entry or optional entry fields, or if they are suppressed completely, for example.

<b>Change View "Asset Accounting: Screen layout for maste</b>	
Sc...	Name of screen layout rule
1000	Real estate
1100	Buildings
2000	General machines
3000	Fixtures and fittings
3100	Vehicles
3200	DP / Hardware
3300	Low-value assets
4000	Assets under construction
4010	Capital investment measure
5000	Leasing

Copy and create Screen layouts for master records

***New Entries: Overview of Added Entries***

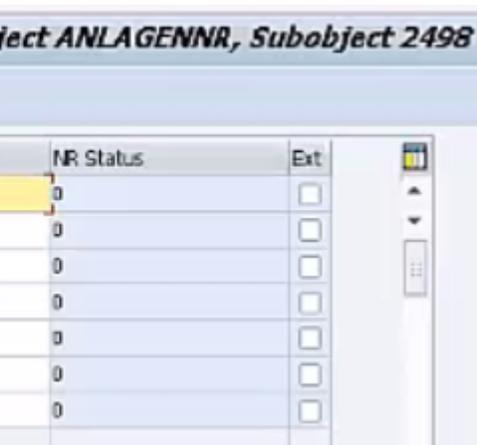
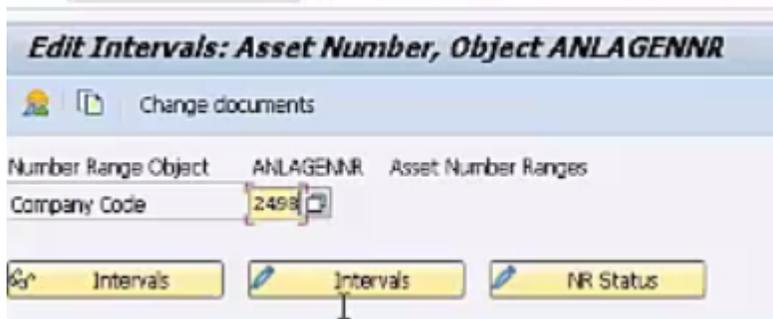


Sc...	Name of screen layout rule
01	Land 249B
02	Buildings 249B
03	General machines 249B
04	Fixtures and fittings 249B
05	Vehicles 249B
06	DP / Hardware 249B
07	Assets under construction 249B
08	Capital investment measure

## 18. Define Number Range Interval

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Asset Classes - Define Number Range Interval

Number range interval is required for the main asset number for the company code. Normally we should specify internal number ranges for assets. The number range key is then assigned to each of the asset class.



## 19. Define Asset Classes

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Asset Classes - Define Asset Classes

The asset class is the most important criteria for structuring fixed assets from an accounting point of view. Every asset has to be assigned to exactly one asset class. The asset class is used to assign the assets (and their business transactions) to the correct general ledger accounts. Several asset classes can use the same account assignment. You can see that it is possible to make finer distinctions at the level of the asset class than at the level of the general ledger accounts. The most important tasks of the asset classes are:

**Change View "Asset classes": Overview**

New Entries

Class	Short Text	Asset Class Description
1000	Real estate	Real estate and similar rights
1100	Buildings	Buildings
2000	Machinery	Machinery
3000	Fixtures & fittings	Fixtures and fittings
3100	Vehicles	Vehicles
3200	DP / Hardware	DP / Hardware
4000	Assets under const.	Assets under construction
4001	Investment measure	AuC as investment measure
5000	LVA	Low-value assets

Make changes in

Asset Class: 2498100

Long Test: Land 2498

Short Test: Land 2498

Account determination: 249801

Scr.Layout Rule: 01

Number Range : 01

**Change View "Asset classes": Details of Selected Set**

Asset Class  Land 2498

Short Text  

**Asset type**

Account determ.  Real estate and similar rights

Scr.layout rule   Real estate

Base Unit

**Number assignment**

Number range

External sub-no

**Inventory data**

Include Asset

**Status of AuC**

No AuC or Summary Management of AuC

Line item settlement

Investment Measure

**Lock status**

Asset class is blocked

**History status**

Make changes in

Asset Class: 2498200

Asset Class: 2498200

Long Test: Building 2498

Short Test: Building 2498

Account determination: 249802

Scr.Layout Rule: 02

Number Range : 02

**Change View "Asset classes": Details of Selected Set**

---

Asset Class  Buildings 2498

Short Text

---

**Asset type**

Account determ.  Buildings

Scr.layout rule  Buildings

Base Unit

---

**Number assignment**

Number range  

External sub-no

---

**Inventory data**

Include Asset

---

**Status of AuC**

No AuC or Summary Management of AuC

Line item settlement

Investment Measure

---

**Lock status**

Asset class is blocked

---

**History status**

---

Make changes in

Asset Class: 2498300

Long Text: Machinery 2498

Short Text: Machinery 2498

Account determination: 249803

Scr.Layout Rule: 03

Number Range : 03

**Change View "Asset classes": Details of Selected Set**

Asset Class: 2498300 Machinery 2498  
Short Text: Machinery 2498

Asset type

Account determ.: 249803 Machinery and Equipment  
Scr.layout rule: 03 General machines  
Base Unit:

Number assignment

Number range: 03   
External sub-no:

Inventory data

Include Asset

Status of AuC

No AuC or Summary Management of AuC  
 Line item settlement  
 Investment Measure

Lock status

Asset class is blocked

History status

Manage historically

Make changes in

Asset Class: 2498400

Long Text: Furniture and Fittings 2498

Short Text: Furniture and Fittings 2498

Account determination: 249804

Scr.Layout Rule: 04

Number Range : 04

**Change View "Asset classes": Details of Selected Set**

Asset Class: 2498400      Fixtures and fittings 2498  
Short Text:                      Fixtures & fittings

**Asset type**

Account determ.: 249804      Fixtures and fittings  
Scr.layout rule: 04              Fixtures and fittings  
Base Unit:

**Number assignment**

Number range: 04   
External sub-no:

**Inventory data**

Include Asset

**Status of AuC**

No AuC or Summary Management of AuC  
 Line item settlement  
 Investment Measure

**Lock status**

Asset class is blocked

**History status**

Manage historically

Make changes in

Asset Class: 2498500

Long Text: Vehicles 2498

Short Text: Vehicles 2498

Account determination: 249805

Scr.Layout Rule: 05

Number Range : 05

**Change View "Asset classes": Details of Selected Set**

Asset Class	2498500	Vehicles
Short Text		Vehicles

**Asset type**

Account determ.	249805	Vehicles
Scr.layout rule	05	Vehicles
Base Unit	<input type="checkbox"/>	

**Number assignment**

Number range	05	<input type="checkbox"/>
External sub-no	<input type="checkbox"/>	<input type="checkbox"/>

**Inventory data**

<input type="checkbox"/> Include Asset
--

**Status of AuC**

No AuC or Summary Management of AuC  
 Line item settlement  
 Investment Measure

**Lock status**

<input type="checkbox"/> Asset class is blocked
---

**History status**

<input type="checkbox"/> Manage historically
--

Make changes in

Asset Class: 2498600

Long Text: CP/Hardware 2498

Short Text: CP/Hardware 2498

Account determination: 249806

Scr.Layout Rule: 06

Number Range : 06

**Change View "Asset classes": Details of Selected Set**

Asset Class	2498700	DP / Hardware 2498
Short Text		DP / Hardware 2498
<b>Asset type</b>		
Account determ.	249806	Hardware (IT)
Scr.layout rule	05	DP / Hardware
Base Unit		
<b>Number assignment</b>		
Number range	05	
External sub-no	<input type="checkbox"/>	
<b>Inventory data</b>		
<input checked="" type="checkbox"/> Include Asset		
<b>Status of AuC</b>		
<input checked="" type="radio"/> No AuC or Summary Management of AuC		
<input type="radio"/> Line item settlement		
<input type="radio"/> Investment Measure		
<b>Lock status</b>		
<input type="checkbox"/> Asset class is blocked		
<b>Real estate indicator for asset class</b>		
0 Other asset without real estate management		

Make changes in

Asset Class: 2498700

Long Text: Assets Under Construction 2498

Short Text: AUC 2498

Account determination: 249807

Scr.Layout Rule: 07

Number Range : 07

**New Entries: Overview of Added Entries**

New Entries

Asset Class: 2490700 Assets under construction 2498  
Short Text: AUC 2498

**Asset type**

Account determ.: 249807 Down payments paid and assets under construction  
Scr.layout rule: 07 Assets under construction

**Number assignment**

Number range: 07  
External sub-no:

**Inventory data**

Include Asset

**Status of AuC**

No AuC or Summary Management of AuC  
 Line item settlement  
 Investment Measure

**Lock status**

Asset class is blocked

**History status**

Manage historically

The below list of asset classes is created

<b>New Entries: Overview of Added Entries</b>		
Class	Short Text	Asset Class Description
2498100	Land 2498	Land 2498
2498200	Buildings 2498	Buildings 2498
2498300	Machinery 2498	Machinery 2498
2498400	Fixtures & fittings	Fixtures and fittings 2498
2498500	Vehicles	Vehicles
2498600	DP / Hardware 2498	DP / Hardware 2498
2498700	AUC 2498	Assets under construction 2498

## 20. Specify Chart-of-Dep.-Dependent Screen Layout/Acct Assignment (Optional)

IMG - Financial Accounting - Asset Accounting - Organizational Structures - Asset Classes - Specify Chart-of-Dep.-Dependent Screen Layout/Acct Assignment

Generally, the control specifications (the screen layout and the account determination) for the asset class apply throughout the client, that is, for all charts of depreciation. It is therefore sufficient to make control specifications once per asset class.

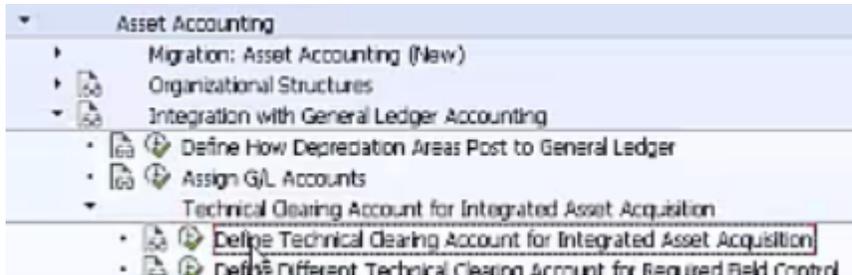
You only need to carry out this step, if, contrary to the usual case, you want these control specifications to be country-specific (that is, different depending on the chart of depreciation). The system then uses the entries you make here depending on the chart of depreciation in the given company code. The system then ignores the control specifications in the asset class that are independent of the chart of depreciation.

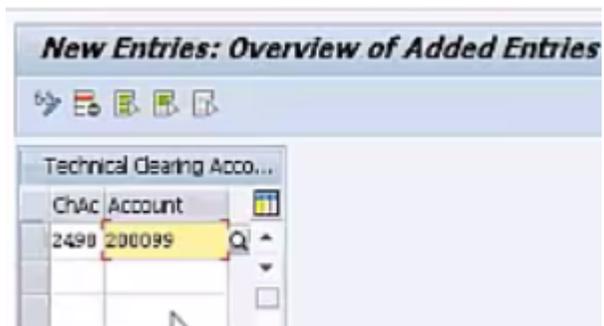
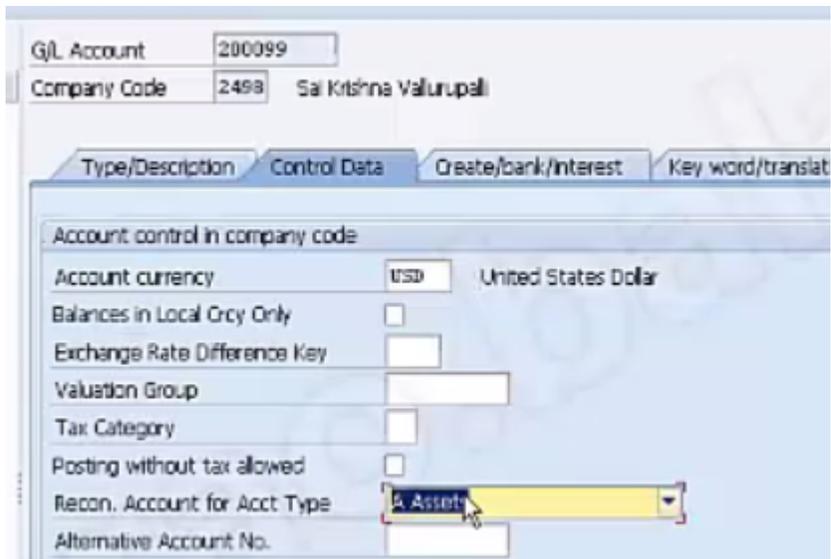
Normally this is not required.

We do not any configuration here.

## 21. Integration with the General Ledger

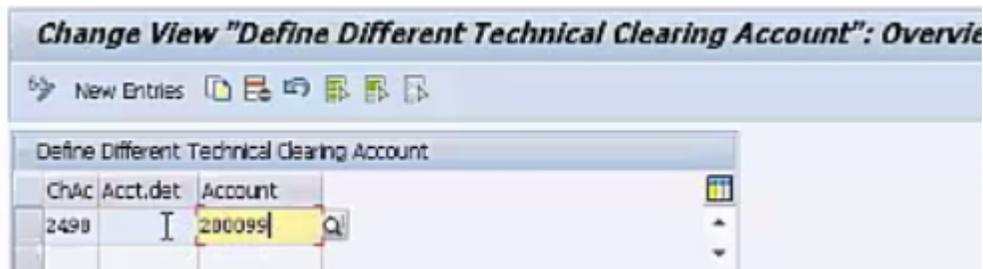
Define Technical clearing account for Integrated Asset Acquisitions



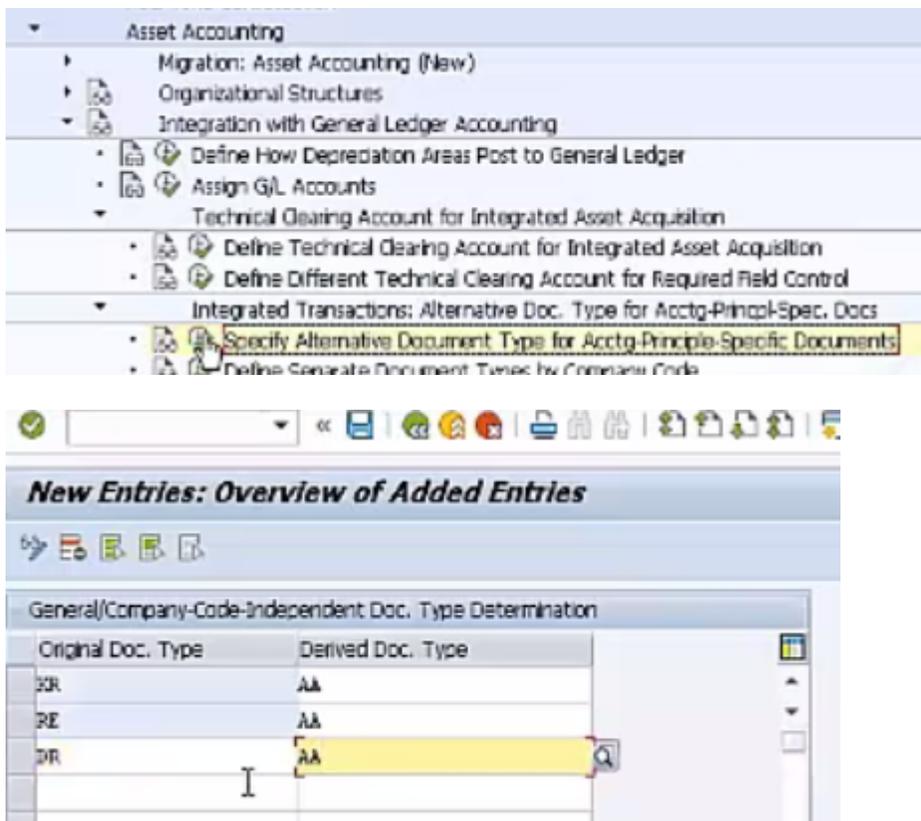


## 22. Define Technical clearing account for required field control

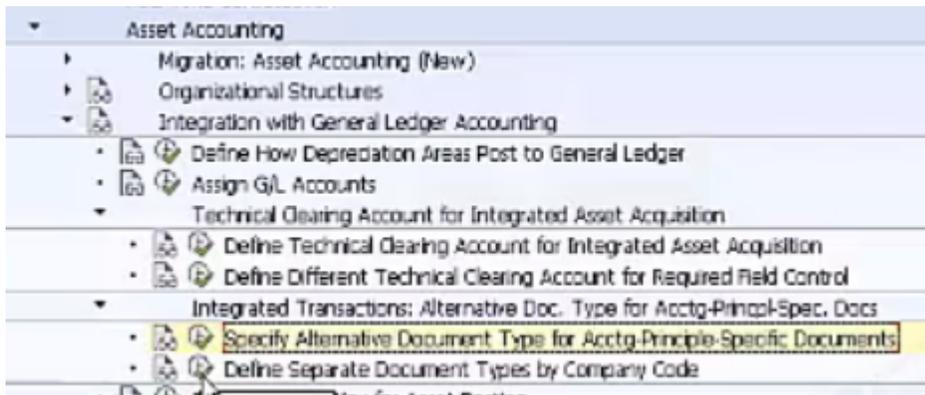
Here we can give Technical Clearing Account Determination wise



23. *Specify Alternative Document type for Account Principle specific Documents*



## 24. *define Separate Documents types by Company code*



**New Entries: Overview of Added Entries**

CoCd-Independent Doc. Type Determination for Dependent Docs

Company Code	Original Doc. Type	Derived Doc. Type
2498	XR	AA
2498	RE	AA
2498	IR	AA

## 25. *Define How Depreciation Areas Post to General Ledgers*

IMG - Financial Accounting - Asset Accounting - Integration with the General Ledger-

Define How Depreciation Areas Post to General Ledger.

The system can post the APC transactions of one depreciation area to the general ledger online automatically. Usually this is the book depreciation area 01. You can post transactions from other depreciation areas to the general ledger automatically using periodic processing. (The exceptions to this rule are the depreciation areas for investment support shown on the liabilities side, which can also post online.) You always have to use periodic processing to post depreciation to the general ledger.

**Change View "Define Depreciation Areas": Overview**

Chart of dep. 2498 Chart of Depreciation for 2498

Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book depreciation in local currency (US GAAP)	<input checked="" type="checkbox"/>	0L	US00	Area Posts in Real Time
30	IFRS in local currency	<input checked="" type="checkbox"/>	\$4	IF00	Area Posts in Real Time
31	Book Depreciation in group currency	<input checked="" type="checkbox"/>	0L	US00	Area Does Not Post
32	IFRS depreciation in group currency	<input checked="" type="checkbox"/>	\$4	IF00	Area Does Not Post
33	Book Depreciation in Hard currency	<input checked="" type="checkbox"/>	0L	US00	Area Does Not Post
34	IFRS depreciation in Hard currency	<input checked="" type="checkbox"/>	\$4	IF00	Area Does Not Post

## Additional Account Assignment Objects

- Additional Account Assignment Objects
  -   Activate Account Assignment Objects
  -   Specify Account Assignment Types for Account Assignment Objects
  -   Process Error Table
  -   Display of Active Account Assignment Objects

## 26. Activate Account Assignment Objects

In this step, you make settings for additional account assignment objects (for example, cost center, investment order) during posting in Asset Accounting.

### Requirements

For the posting transactions to the General Ledger, you have to make sure that the account assignment objects you want to use are available for input, using the field status of posting keys 70 and 75 (debit asset and credit asset). You make this setting under the step *Integration with the General Ledger* -> [Change the Field Status Variant of the Asset G/L Accounts](#).

**Change View "Account Assignment Elements for Asset Accounting": Overview**

Account Assignment Elements for Asset Accounting

AcctAsgnOb	Account Assignment Object Name	Active	Bal. S...	Agre...
CAUFN	Internal Order	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EAUFN	Investment Order	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FISTL	Funds Center	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FISTL2	Funds Center for Investment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FKBER	Functional Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FKBER2	Functional Area for Investment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GEBER	Fund	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GEBER2	Fund for Investment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GRANT_NBR	Grant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GRANT_NBR2	Grant for Cap. Investment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IAUFN	Maintenance Order	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IMKEY	Real Estate Object	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KOSTL	Cost Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
LSTAR	Activity Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRCTR	Profit Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PS_PSP_PNR	WBS Element of Investment Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PS_PSP_PN...	WBS Element	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEGMENT	Segment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 27. Specify Account Assignment Types for Account Assignment Objects

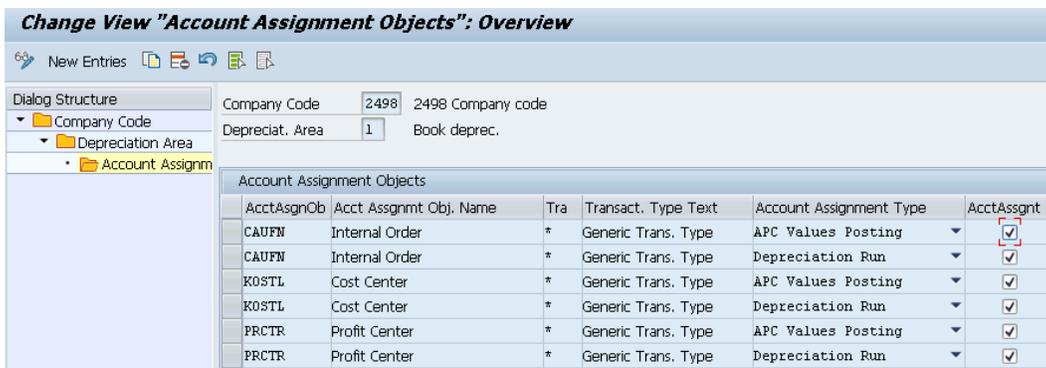
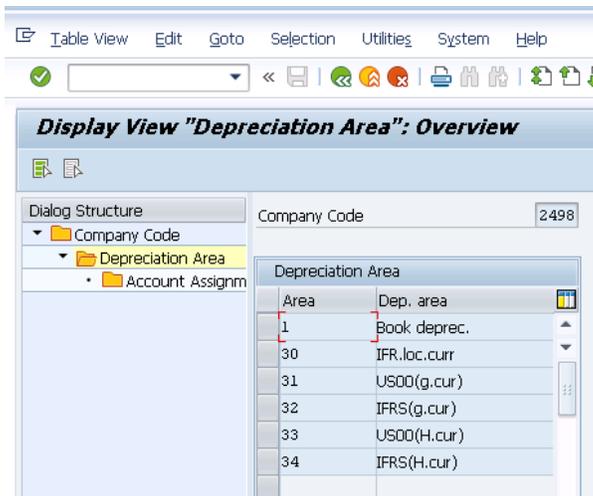
(For 01 and 30 Depreciation Areas you have to maintain the same)

**Display View "Company Code": Overview**

Dialog Structure

- Company Code
  - Depreciation Area
    - Account Assignm

Company Code	Company Name
2498	98 Company code
2500	2500 Company code
2505	2505 Company Code
2535	2535 Company Code



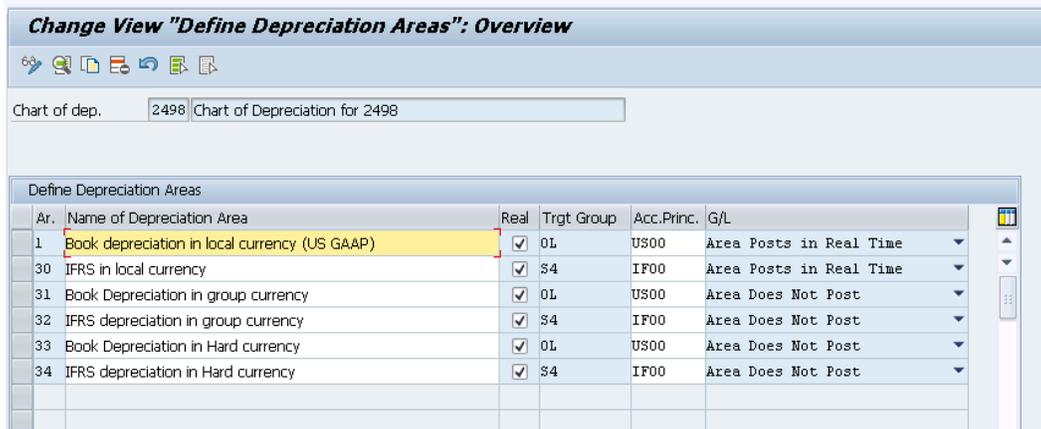
## 28. Integration with G/L Accounts

## Define How Depreciation Areas Post to General Ledger

### Use

In this activity, you specify the depreciation areas that post their APC transactions and/or depreciation to the general ledger.

The system posts the APC transactions of the depreciation areas to the general ledger online automatically. You always have to use periodic processing to post depreciation to the general ledger.



Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book depreciation in local currency (US GAAP)	<input checked="" type="checkbox"/>	0L	US00	Area Posts in Real Time
30	IFRS in local currency	<input checked="" type="checkbox"/>	S4	IF00	Area Posts in Real Time
31	Book Depreciation in group currency	<input checked="" type="checkbox"/>	0L	US00	Area Does Not Post
32	IFRS depreciation in group currency	<input checked="" type="checkbox"/>	S4	IF00	Area Does Not Post
33	Book Depreciation in Hard currency	<input checked="" type="checkbox"/>	0L	US00	Area Does Not Post
34	IFRS depreciation in Hard currency	<input checked="" type="checkbox"/>	S4	IF00	Area Does Not Post

## 29. Assign G/L Accounts

IMG - Financial Accounting - Asset Accounting - Integration with the General Ledger- Assign G/L Accounts

In this step you assign the balance sheet accounts and the depreciation accounts for Asset accounting.

Table View Edit Goto Selection Utilities System Help

Change View "Chart of Accounts": Overview

Dialog Structure

- Chart of Accounts
  - Account Determinati
    - Balance Sheet Ac
    - Depreciation
    - Special Reserves

Chart of dep. 2498 Chart of Depreciation for 2498

Chart of Accounts

Ch...	Descriptn
2498	2498 Chart of Accounts
CANA	Chart of accounts - North America

Change View "Account Determination": Overview

Dialog Structure

- Chart of Accounts
  - Account Determinati
    - Balance Sheet Ac
    - Depreciation
    - Special Reserves

Chart of dep. 2498 Chart of Depreciation for 2498

Chart of Accts 2498

Account Determination

Account determ.	Name for Account Determination
249810	Land 2498
249820	Buildings 2498
249830	Machinery and Equipment 2498
249840	Fixtures and Fittings 2498
249850	Vehicles 2498
249860	Hardware (IT) 2498
249870	AUC 2498

Change View "Balance Sheet Accounts": Overview

Dialog Structure

- Chart of Accounts
  - Account Determinati
    - Balance Sheet Ac
    - Depreciation
    - Special Reserves

Chart of dep. 2498 Chart of Depreciation for 2498

Chart of Accts 2498 2498 Chart of Accounts

Account determ. 249830 Machinery and Equipment 2498

Balance Sheet Accounts

Area	Name of Depreciation Area
1	Book depreciation in local currency (US GAAP)
30	IFRS in local currency

### Change View "Balance Sheet Accounts": Details

63

**Dialog Structure**

- ▼ Chart of Accounts
  - ▼ Account Determinati
    - ▶ Balance Sheet Ac
    - ▶ Depreciation
    - ▶ Special Reserves

Chart of dep.	<input type="text" value="2498"/>	Chart of Depreciation for 2498
Chart of Accts	<input type="text" value="2498"/>	2498 Chart of Accounts
Account determ.	<input type="text" value="249830"/>	Machinery and Equipment 2498
Deprec. area	<input type="text" value="1"/>	Book depreciation in local currency (US GAAP)

Acquisition account assignment		
Bal.Sh.Acct APC	<input type="text" value="200002"/>	Plant and Mechenery
Acquisition: Down Payments	<input type="text"/>	
Contra account: Acquisition value	<input type="text" value="299998"/>	Asset Contra account
Down-payments clearing account	<input type="text"/>	
Acquisition from affiliated company	<input type="text"/>	
Revenue frm post-capitaliz:	<input type="text"/>	

Retirement account assignment		
Loss Made on Asset Retirement w/o Reven.	<input type="text" value="400600"/>	Asset Scrapping
Clearing Acct. Revenue from Asset Sale	<input type="text" value="320001"/>	Asset Sale Clearing
Gain from Asset Sale	<input type="text" value="320000"/>	Profit on Asset Sale
Loss from Asset Sale	<input type="text" value="400601"/>	Loss on Asset Sale
Clear.revenue sale to affil.company	<input type="text"/>	

Revaluation account assignment		
Revaluation Acquis. and Production Costs	<input type="text"/>	

- ▶ Balance Sheet Ac
- ▶ Depreciation
- ▶ Special Reserves

Retirement account assignment		
Loss Made on Asset Retirement w/o Reven.	<input type="text" value="400600"/>	Asset Scrapping
Clearing Acct. Revenue from Asset Sale	<input type="text" value="320001"/>	Asset Sale Clearing
Gain from Asset Sale	<input type="text" value="320000"/>	Profit on Asset Sale
Loss from Asset Sale	<input type="text" value="400601"/>	Loss on Asset Sale
Clear.revenue sale to affil.company	<input type="text"/>	

Revaluation account assignment		
Revaluation Acquis. and Production Costs	<input type="text"/>	
Offsetting Account: Revaluation APC	<input type="text"/>	

Account assignment of cost portions not capitalized		
Cost elem. for settlmt AuC to CO objects	<input type="text"/>	
Capital. difference/Non-operatng expense	<input type="text"/>	

Balance sheet accounts		
Clearing of Investment Support	<input type="text"/>	

Refund accounts		
Repayment of Investment Support	<input type="text"/>	
Expense: Repayment of Invest.Support	<input type="text"/>	

### Change View "Balance Sheet Accounts": Details

63

Dialog Structure

- Chart of Accounts
  - Account Determinati
    - Balance Sheet Ac
    - Depreciation
    - Special Reserves

Chart of dep.	2498	Chart of Depreciation for 2498
Chart of Accts	2498	2498 Chart of Accounts
Account determ.	249830	Machinery and Equipment 2498
Deprec. area	30	IFRS in local currency

Acquisition account assignment

Bal.Sh.Acct APC	200002	Plant and Mechenery
Acquisition: Down Payments		
Contra account: Acquisition value	299998	Asset Contra account
Down-payments clearing account		
Acquisition from affiliated company		
Revenue frm post-capitaliz:		

Retirement account assignment

Loss Made on Asset Retirement w/o Reven.	400600	Asset Scrapping
Clearing Acct. Revenue from Asset Sale	320001	Asset Sale Clearing
Gain from Asset Sale	320000	Profit on Asset Sale
Loss from Asset Sale	400601	Loss on Asset Sale
Clear.revenue sale to affil.company		

Revaluation account assignment

Revaluation Acquis. and Production Costs		
Offsetting Account: Revaluation ADP		

### Change View "Depreciation": Details

63

Dialog Structure

- Chart of Accounts
  - Account Determinati
    - Balance Sheet Ac
    - Depreciation
    - Special Reserves

Chart of dep.	2498	Chart of Depreciation for 2498
Chart of Accts	2498	2498 Chart of Accounts
Account determ.	249830	Machinery and Equipment 2498
Deprec. area	1	Book depreciation in local currency (US GAAP)

Ordinary depreciation account assignment

Acc.dep. acctn.for ordinary depreciation	110002	Acc. Depre. P&M
Expense account for ordinary depreciat.	400500	Depreciation
Expense account for ord. dep. below zero		
Revenue from write-up on ord.deprec.		

Special depreciation account assignment

Accumulated dep. account special dep.		
Expense account for special depreciation		
Expense Account for Spec.Dep.Below Zero		
Revenue from write-up on special deprec.		

Unplanned depreciation account assignment

Accumulated dep. account unol. deprec.		
--	--	--

**Change View "Depreciation": Details**

63

Dialog Structure	Chart of dep.	2498	Chart of Depreciation for 2498
Chart of Accounts	Chart of Accts	2498	2498 Chart of Accounts
Account Determinati	Account determ.	249830	Machinery and Equipment 2498
Balance Sheet Ac	Deprec. area	30	IFRS in local currency
Depreciation			
Special Reserves			

<b>Ordinary depreciation account assignment</b>			
Acc.dep. acctnt.for ordinary depreciation	110002		Acc. Depre. P&M
Expense account for ordinary depreciat.	400500		Depreciation
Expense account for ord. dep. below zero			
Revenue from write-up on ord.deprec.			

<b>Special depreciation account assignment</b>			
Accumulated dep. account special dep.			
Expense account for special depreciation			
Expense Account for Spec.Dep.Below Zero			
Revenue from write-up on special deprec.			

## 30. Specify Posting Key for Asset Posting

In this activity you define posting keys which are used for automatic postings when posting to fixed asset accounts.

This setup to be made to upload initial asset balances

**Configuration Accounting Maintain : Automatic Posts - Procedures**

Group  Asset Management postings (AM)

Procedures

Description	Transaction	Account Determ.
Additional accounts for Asset Accounting	ANC	<input checked="" type="checkbox"/>
Asset posting	ANL	<input type="checkbox"/>
G/L account posting from asset posting	ANS	<input type="checkbox"/>

**Configuration Accounting Maintain : Automatic Posts - Rules**

Accounts Posting Key

Chart of Accounts  2498 Chart of Accounts

Transaction  Additional accounts for Asset Accounting

Accounts are determined based on

Debit/Credit

General modification

**Configuration Accounting Maintain : Automatic Posts - Accounts**

Posting Key Procedures Rules

Chart of Accounts  2498 Chart of Accounts

Transaction  Additional accounts for Asset Accounting

Account assignment

General m...	Account
LDT	<input type="text" value="299997"/>

# 31. General Valuation

## Define Depreciation Areas

### Use

In this activity, you define your depreciation areas. You can change the definition of depreciation areas adopted from the standard chart of depreciation, and you can add new depreciation areas if needed.

For parallel financial reporting (that is, valuation based on different accounting principles) you can define real depreciation areas and derived depreciation areas. The values in the derived depreciation area are calculated from the values of two or more real areas, using a formula you define. The system does not store the values from the derived depreciation area. Instead they are determined dynamically at the time of a request. You can use derived depreciation areas for special items for reserve or for reporting purposes:

For special items for reserve, you can use the same functions for derived depreciation areas as for real depreciation areas. Most important, these depreciation areas can be evaluated in the same way, and posted to a ledger in the general ledger.

Otherwise, you can define derived depreciation areas only for reporting purposes; you cannot post to them.

You can define depreciation areas to meet the requirements of international accounting principles (such as IFRS) or to conform to local standards (such as U.S. GAAP or the German Commercial Code).

**Change View "Define Depreciation Areas": Overview**

Chart of dep. 2498 Chart of Depreciation for 2498

Define Depreciation Areas						
Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L	
1	Book depreciation in local currency (US GAAP)	<input checked="" type="checkbox"/>	0L	US00	Area Posts in Real Time	
30	IFRS in local currency	<input checked="" type="checkbox"/>	S4	IF00	Area Posts in Real Time	
31	Book Depreciation in group currency	<input checked="" type="checkbox"/>	0L	US00	Area Does Not Post	
32	IFRS depreciation in group currency	<input checked="" type="checkbox"/>	S4	IF00	Area Does Not Post	
33	Book Depreciation in Hard currency	<input checked="" type="checkbox"/>	0L	US00	Area Does Not Post	
34	IFRS depreciation in Hard currency	<input checked="" type="checkbox"/>	S4	IF00	Area Does Not Post	

## 32. Define Depreciation Area for Quantity Update

### Use

In this activity, you specify which depreciation area you want to use for updating quantities. This setting is especially relevant if you are using collective low-value assets.

The quantities in the asset master record are only updated if postings are made to the area specified here.

**Change View "Setting Depreciation Area for Quantity Update": Overview**

Chart of dep. 2498

Setting Depreciation Area for Quantity Update		
Area	Update Quantity	Name of Depreciation Area
1	<input checked="" type="radio"/>	Book depreciation in local currency (US GAAP)
30	<input type="radio"/>	IFRS in local currency

## 33. Specify Transfer of APC Values

### Use

In this activity, you define transfer rules for the posting values of depreciation areas. These transfer rules let you ensure that certain depreciation areas have identical asset values.

**Change View "Depreciation areas: Rules for value takeover": Overview**

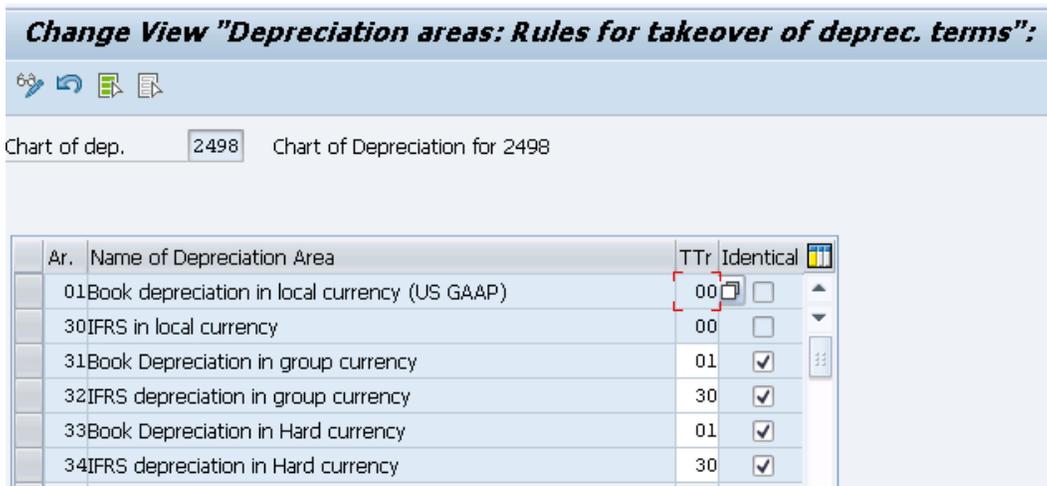
Chart of dep.  Chart of Depreciation for 2498

Ar.	Name of Depreciation Area	ValAd	Id...	
01	Book depreciation in local currency (US GAAP)	00	<input type="checkbox"/>	
30	IFRS in local currency	00	<input type="checkbox"/>	
31	Book Depreciation in group currency	01	<input checked="" type="checkbox"/>	
32	IFRS depreciation in group currency	30	<input checked="" type="checkbox"/>	
33	Book Depreciation in Hard currency	01	<input checked="" type="checkbox"/>	
34	IFRS depreciation in Hard currency	30	<input checked="" type="checkbox"/>	

## 34. Specify Transfer of Depreciation Terms

### Use

In this activity, you specify how the depreciation terms for a depreciation area are adopted from another depreciation area. You can specify if the adoption of values is optional or mandatory. If you specify an optional transfer, then you can change the proposed depreciation terms in the dependent areas in the asset master record. In the case of a mandatory transfer, you cannot maintain any depreciation terms in the asset master record. In this way, you can ensure that depreciation is uniform in certain depreciation areas.



## 35. Determine Depreciation Areas in the Asset Class

Generally, the assets in an asset class use the same depreciation terms (depreciation key, useful life). Therefore, you do not have to maintain the depreciation terms in the asset master record. Instead, they can be default values from the asset class.

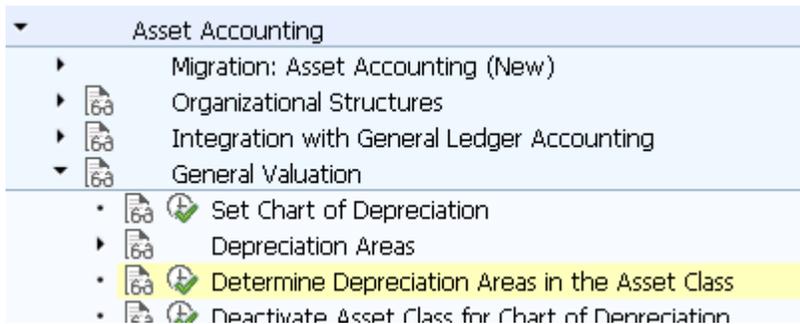
In this step, you determine the depreciation terms that are to be used in your asset classes. Depending on the definition in the screen layout control used, these depreciation terms are offered either as optional or mandatory defaults when you

create an asset.

For each asset class, you can maintain as many charts of depreciation with their depreciation areas as you need. This allows you to use the asset class in all countries belonging to the client.

### Requirements

You must have created [asset classes](#).

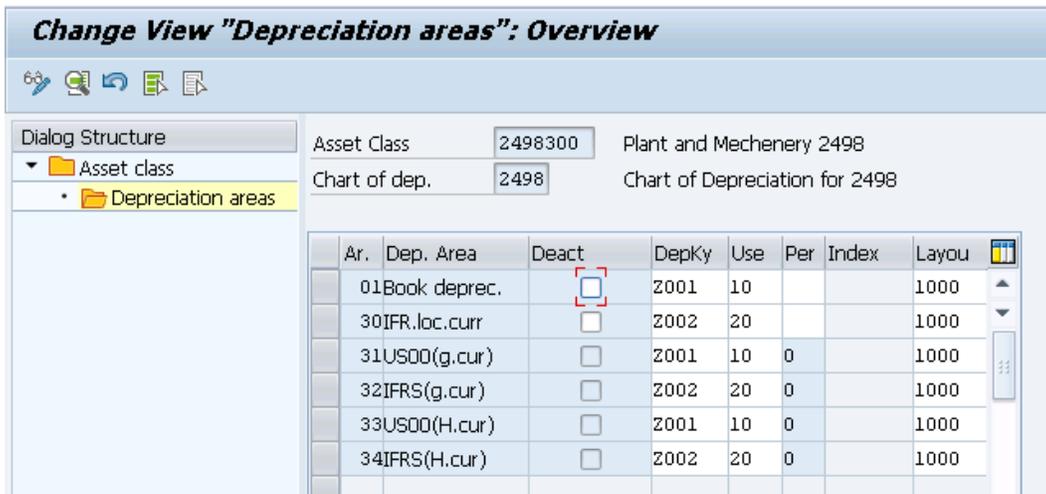


**Change View "Asset class": Overview**

Navigation icons: Search, Back, Forward, Print

Dialog Structure	Asset class	Asset Class Description
Asset class	2422400	Fixtures and fittings 2498
Depreciation areas	2498100	Land 2498
	2498200	Buildings 2498
	2498300	Plant and Mechenery 2498
	2498400	Fixtures and fittings 2498
	2498500	Vehicles 2498
	2498600	Hardware 2498
	2498700	Assets under construction 2498

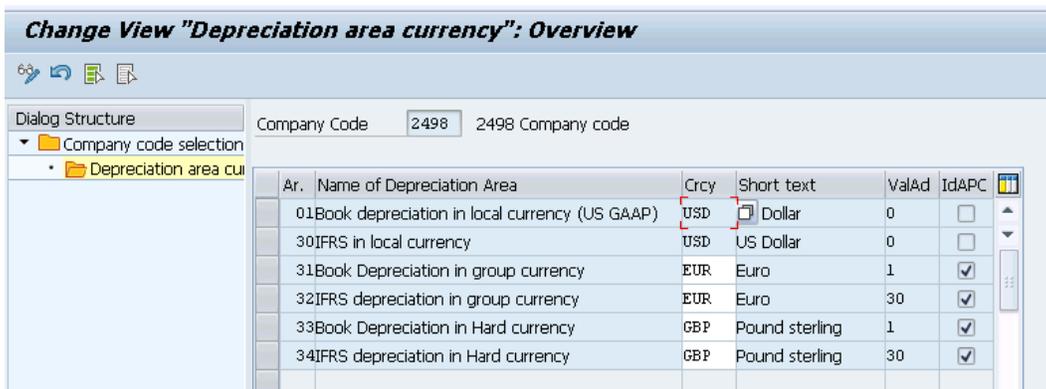
Assign depreciation key to 01 and 30 only others will be copied automatically



## 36. Define Depreciation Areas for Foreign Currencies

### Use

In Asset Accounting, you can manage depreciation areas in various currencies. The values from these areas can then be used for group consolidation, or for other analyses.



## 37. Specify the Use of Parallel Currencies

### Use

If you use parallel currencies, assign a currency type that is suitable for the given parallel currency to depreciation areas in this activity

**Change View "Set Up Parallel Currencies": Overview**

Chart of dep. 2498

Ar.	Dep. Area	Currency Type	ValAd	IdAPC	TTr	IdntTrm
1	Book deprec.		0	<input type="checkbox"/>	0	<input type="checkbox"/>
30	IFR.loc.curr		0	<input type="checkbox"/>	0	<input type="checkbox"/>
31	US00(g.cur)	Group Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
32	IFRS(g.cur)	Group Currency	30	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>
33	US00(H.cur)	Hard Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
34	IFRS(H.cur)	Hard Currency	30	<input checked="" type="checkbox"/>	30	<input checked="" type="checkbox"/>

## 38. Specify Depreciation Areas for Group Assets

In this step, you determine the depreciation areas that you also want to manage on **group asset** level. In these depreciation areas, it is then possible to make an assignment to a group asset. You make this assignment in the specifications for the depreciation area in the asset master record. When you post an acquisition to this kind of asset, the system duplicates the line items from this depreciation area on the given group asset.

**Change View "Group assets": Overview**

Company Code 2498 2498 Company code

Dialog Structure

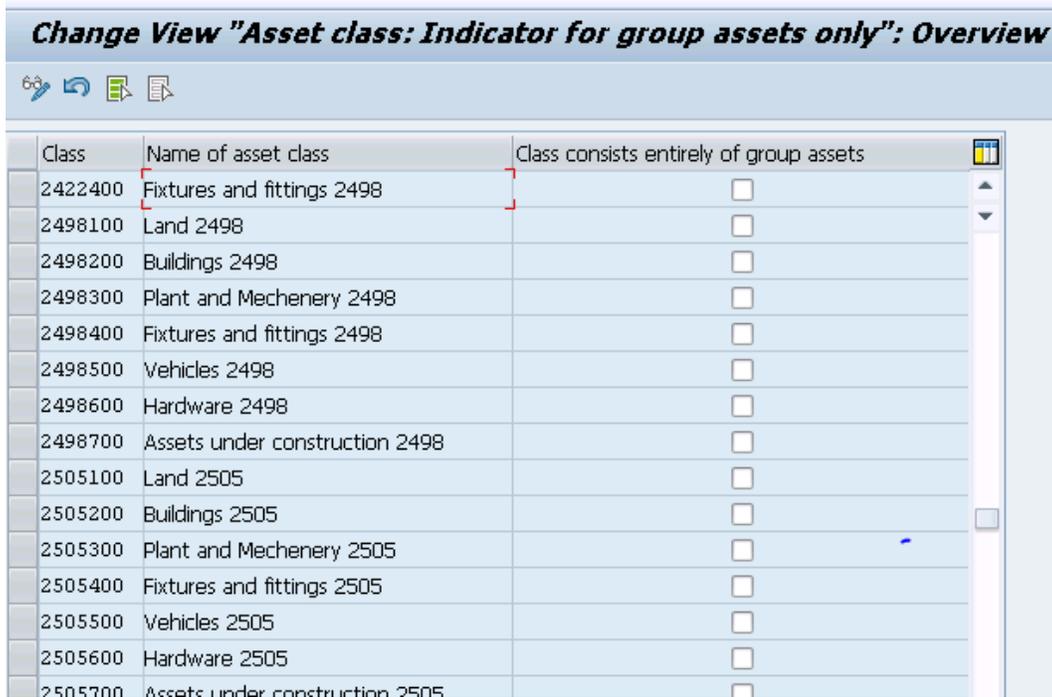
- Company code selection
  - Group assets

Ar.	Name of Depreciation Area	Grp. as...
01	Book depreciation in local currency (US GAAP)	<input checked="" type="checkbox"/>
30	IFRS in local currency	<input type="checkbox"/>
31	Book Depreciation in group currency	<input type="checkbox"/>
32	IFRS depreciation in group currency	<input type="checkbox"/>
33	Book Depreciation in Hard currency	<input type="checkbox"/>
34	IFRS depreciation in Hard currency	<input type="checkbox"/>

## 39. Specify Asset Classes for Group Assets

It is basically possible to use all asset classes for creating [group assets](#). However, under certain circumstances, you need to set aside particular asset classes for use in conjunction with group assets. These asset classes are then reserved solely for group assets, and are not allowed to be used for normal assets.

**Change View "Asset class: Indicator for group assets only": Overview**



Class	Name of asset class	Class consists entirely of group assets
2422400	Fixtures and fittings 2498	<input type="checkbox"/>
2498100	Land 2498	<input type="checkbox"/>
2498200	Buildings 2498	<input type="checkbox"/>
2498300	Plant and Mechenery 2498	<input type="checkbox"/>
2498400	Fixtures and fittings 2498	<input type="checkbox"/>
2498500	Vehicles 2498	<input type="checkbox"/>
2498600	Hardware 2498	<input type="checkbox"/>
2498700	Assets under construction 2498	<input type="checkbox"/>
2505100	Land 2505	<input type="checkbox"/>
2505200	Buildings 2505	<input type="checkbox"/>
2505300	Plant and Mechenery 2505	<input type="checkbox"/>
2505400	Fixtures and fittings 2505	<input type="checkbox"/>
2505500	Vehicles 2505	<input type="checkbox"/>
2505600	Hardware 2505	<input type="checkbox"/>
2505700	Assets under construction 2505	<input type="checkbox"/>

# Configuring the depreciation key

## 40. Define Base Methods

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation Methods - Depreciation Key - Calculation Methods - Define Base Methods

The base method contains general control parameters the system needs for calculating depreciation. You enter base method in a depreciation key.

In the base method you specify the following:-

Depreciation type

Depreciation calculation method – This is the most important parameter in the base method. For e.g. When you choose the stated percentage, you have to enter a percentage in depreciation key

Treatment of the end of depreciation

Normally the base methods supplied by SAP are sufficient.

Let us check one of the base methods

Double click

0011- Ordinary; Percentage from useful life

The screenshot shows the SAP 'Change View Base Method' interface. The title bar reads 'Change View "Base Method": Details'. Below the title bar is a toolbar with icons for 'New entries', 'Print', 'Refresh', 'Back', 'Forward', and 'Exit'. The main form contains the following fields:

Base Method	0011	Ordinary; percentage from useful life
Type of Depreciation	Ord.depreciation	
Dep. Method	Percentage from the useful life	
Reduce Use.Life at FY End	<input type="checkbox"/>	
Treatment of end of depreciation		
Dep. After Plnd.Life End	No	
Dep.Below NBValue Zero	No	
Curb	No	

## 41. Define Declining-Balance Methods (Optional)

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation  
Methods - Depreciation Key - Calculation Methods - Define Declining-Balance  
Methods

Use of declining balance method:-

The normal declining-balance method of depreciation multiplies the straight-line percentage rate resulting from the useful life by a given factor. Since a relatively short useful life can produce a very large depreciation percentage rate, you can specify a maximum percentage rate as the upper ceiling limit in the declining-balance method. A similar principle applies for a very long useful life. Entering a minimum percentage rate prevents the percentage rate from sinking below a given level.

Let us check the declining balance methods SAP has provided. Update the following:-

**Change View "Declining-Balance Method": Overview**

New entries Usage Copy method

Chart of dep.  Chart of Depreciation for 2498

Decl.-Bal.	Description of the Method	Dec.Factor	Max.Perc.	Min.Perc.
001	0.00x / 0.0000% / 0.0000%			
002	2.00x / 20.0000% / 0.0000%	2.00	20.0000	
003	1.50x / 0.0000% / 0.0000%	1.50		
004	2.00x / 0.0000% / 0.0000%	2.00		
005	1.50x / 0.0000% / 0.0000%	1.50		
006	1.75x / 0.0000% / 0.0000%	1.75		

## 42. Define Maximum Amount Methods (Optional)

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation Methods - Depreciation Key - Calculation Methods - Define Maximum Amount Methods

In this step, you define maximum amount methods. You then assign them to depreciation keys.

The calculation method contains a maximum depreciation amount that is not allowed to be exceeded before a certain calendar date. If the depreciation calculated by the system exceeds this maximum amount, then the system reduces depreciation to this maximum amount.

You can specify how the maximum amount applies within the time period specified for it. It can either apply to each individual year in the specified time period, or to accumulated depreciation.

**Change View "Maximum Amount Method": Overview**

New entries Variable list Usage

Dialog Structure

- Maximum Amount Methods
  - Maximum Amounts

Max. Amt.	Annual	Description of the Method
TH0	<input type="checkbox"/>	Maximum amount for Base value of car (TH)

**Change View "Maximum Amounts": Overview**

New Entries

Dialog Structure

- Maximum Amount Methods
  - Maximum Amounts

Maximum Amount: TH0

Description: Maximum amount for Base value of car (TH)

Valid To	Currency	Max.amount
31.12.9999	THB	1,000,000.00

## 43. Define Multi-Level Methods (Important)

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation Methods - Depreciation Key - Calculation Methods - Define Multi-Level Methods

You define multi-level methods. You then assign them to depreciation keys. Each level represents a validity period for a given percentage rate.

Here you define whether the depreciation key is straight-line method or declining balance method. You select the relevant base value.

Here you also specify the percentage rate of depreciation.

We will configure 2 -multi level methods one for Straight-line method and another for Declining balance method or Reducing balance method.

**Change View "Multilevel Method": Overview**

New entries | Usage | Copy method

Dialog Structure: Multilevel Method > Levels

Chart of dep.: 2498 Chart of Depreciation for 2498

M-Lev.Meth	Description of the Method	Validity Start	Dep.by Fisc.Year
001	0.0000%	2	<input type="checkbox"/>
002	25.0000%/38.0000%/37.0000%	2	<input type="checkbox"/>
003	15.0000%/22.0000%/21.0000%	2	<input type="checkbox"/>
004	8.0000%/14.0000%/12.0000%/10.0000%/ ...	2	<input type="checkbox"/>
005	...> 9.0000%/ 8.0000%/ 7.0000%/ 6.00/ 5.0	2	<input type="checkbox"/>
006	...> 9.0000%/ 8.0000%/ 7.0000%/ 6.00/ 5.0	2	<input type="checkbox"/>
007	...> 9.0000%/ 8.0000%/ 7.0000%/ 6.00/ 5.0	2	<input type="checkbox"/>
008	...> 9.0000%/ 8.0000%/ 7.0000%/ 6.00/ 5.0	2	<input type="checkbox"/>
009	...> 10.0000%/ 8.0000%/ 7.0000%/ 6.00/ 5...	2	<input type="checkbox"/>
010	...> 10.0000%/ 8.0000%/ 7.0000%/ 6.00/ 5...	2	<input type="checkbox"/>
011	...> 9.0000%/ 8.0000%/ 7.00/ 6.0/ 5.0000%	2	<input type="checkbox"/>
012	...> 9.0000%/ 8.0000%/ 7.00/ 6.0/ 5.0000%	2	<input type="checkbox"/>
013	...> 9.0000%/ 8.0000%/ 7.00/ 6.0/ 5.0000%	2	<input type="checkbox"/>
014	...> 9.0000%/ 8.0000%/ 7.00/ 6.0/ 5.0000%	2	<input type="checkbox"/>

Click New Entries.

**Change View "Multilevel Method": Details**

New entries | Variable list

Dialog Structure: Multilevel Method > Levels

Chart of dep.: 2498 Chart of Depreciation for 2498

Multilev.Meth.: 21 [2498 Multilevel method based on Rate 9.5%]

Validity Start: From ordinary depreciation start date

Dep.by Fisc.Year:

Acq. Year - Value we have entered is 9999 (valid for years)

Years - 99 (the number of years valid for)

Per - 0 ( Validity period in months)

Base Value - 01 means Acquisition value

Percentage – 9.5 % (9.5% calculated on Base value i.e. Acquisition value)

Indicator: Calculate Percentage from Remaining Useful Life

Set this indicator, if you want the system to determine the periodic depreciation percentage based on the remaining life. This indicator only makes sense for depreciation keys in which the base method uses the "percentage from the useful life" depreciation calculation method.

**Change View "Levels": Overview**

New Entries

Dialog Structure

- Multilevel Method
  - Levels

Chart of dep. 2498 Chart of Depreciation for 2498

Multilev.Meth. Z1 2498 Multilevel method based on Rate 9.5%

Acq.Y...	Ye...	Per	BaseVal.	Percent	Rem. Life	Reduct.
9999	999	12		9.5000	<input checked="" type="checkbox"/>	

## Create Multilevel method for IFRS 4.75%

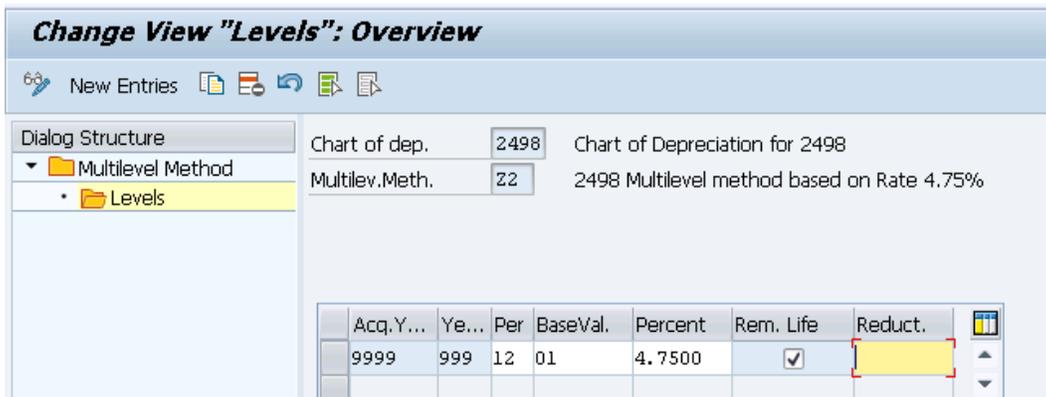
**Change View "Multilevel Method": Details of Selected Set**

Chart of dep. 2498 Chart of depreciation: 2498

Multilev.Meth. Z2 Multilevel Rate method 4.75%

Validity Start

Dep. by Fisc. Year



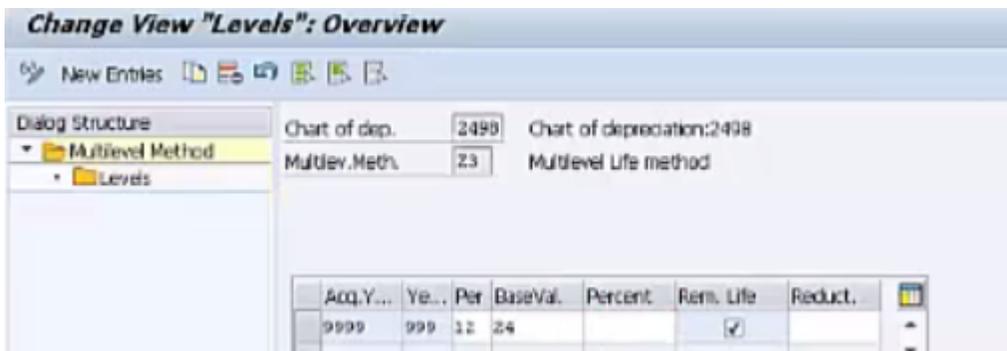
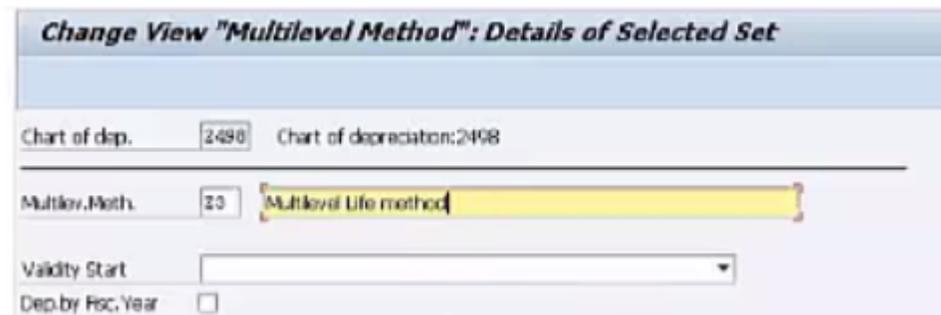
## Create Multilevel method based on life method

Let us configure another Multi-level method for Declining balance method

Click on

And update the following: -

Base value: 24 (Net Book value)



**Change View "Multilevel Method": Overview**

New entries Variable list Delete comments Usage Copy method

Dialog Structure  
 Multilevel Method  
 Levels

Chart of dep. 2498 Chart of Depreciation for 2498

M-Lev.Meth	Description of the Method	Validity Start	Dep.by Fisc.Year
052	0.0000%	2	<input type="checkbox"/>
053	---	2	<input type="checkbox"/>
054	30% special depreciation in first year	3	<input type="checkbox"/>
055	APC less special depreciation, any lives	2	<input type="checkbox"/>
Z1	2498 Multilevel method based on Rate 9.5%	2	<input type="checkbox"/>
Z2	2498 Multilevel method based on Rate 4.75%	2	<input type="checkbox"/>

Click on Save 

## 44. Maintain Period Control Methods

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation Methods - Depreciation Key - Calculation Methods - Maintain Period Control Methods

In this step, you maintain period control methods. You then assign them to depreciation keys.

In the period control method you can specify the depreciation start date for acquisition, acquisition in the following years, retirements and transfer.

Let us check the standard period control methods

<b>Change View "Period Control": Overview</b>										
New entries             Usage          Copy method										
Chart of dep. <input type="text" value="2498"/> Chart of Depreciation for 2498										
Period Control										
Prd.C.Meth	Description	Acq	Add	Ret	Trn	Rev.	InvS	UpDp	WL	
001	01/01/02/02	01	01	02	02					
002	03/06/02/02	03	06	02	02					
003	06/06/06/06	06	06	06	06					
004	07/07/07/07	07	07	07	07					
005	09/09/09/09	09	09	09	09					
006	03/03/03/03	03	03	03	03					
007	04/06/02/02	04	06	02	02					
008	01/06/02/02	01	06	02	02					
009	06/06/02/02	06	06	02	02					
010	03/03/03/06	03	03	03	06					
011	07/07/07/06	07	07	07	06					

001 - Prorata at period start date is used for our depreciation key

## 45. Maintain Depreciation Key

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation Methods - Depreciation Key - Maintain Depreciation Key

In this step, you maintain depreciation keys by assigning calculation methods to them. You can divide the duration of depreciation into several phases.

When you enter a changeover method for one of these phases, the system changes over to the next phase as soon as the event specified in the changeover method has occurred. The system then uses the depreciation calculation that is specified in the calculation method for this phase.

Maintain additional depreciation keys and their descriptions in accordance with your requirements.

Assign calculation methods to the depreciation keys. Maintain any other necessary parameters.

## Change View "Depreciation Key": Overview

68      Activate

Dialog Structure

▼ Depreciation Key

• Assignment of Calcul.

Chart of dep.

2498

Chart of Depreciation for 2498

DepKy	Name for Whole Depreciation	Status	
0000	No depreciation and no interest	Active	▼ ▲
A003	ACRS 3 years property	Active	▼
A005	ACRS 5 years property	Active	▼
A010	ACRS 10 years property	Active	▼
A15A	ACRS 15 years property - Month 1	Active	▼
A15B	ACRS 15 years property - Month 2	Active	▼
A15C	ACRS 15 years property - Month 3	Active	▼
A15D	ACRS 15 years property - Month 4	Active	▼
A15E	ACRS 15 years property - Month 5	Active	▼
A15F	ACRS 15 years property - Month 6	Active	▼
A15G	ACRS 15 years property - Month 7	Active	▼
A15H	ACRS 15 years property - Month 8	Active	▼
A15I	ACRS 15 years property - Month 9	Active	▼
A15J	ACRS 15 years property - Month 10	Active	▼
A15K	ACRS 15 years property - Month 11	Active	▼

Configure depreciation key with Percentage method Z001 for US Local GAP LEDGER

**Change View "Assignment of Calculation Methods": Details**

New entries Variable list

Dialog Structure

- Depreciation Key
  - Assignment of Calcul.

Chart of dep. 2498 Chart of Depreciation for 2498  
 Dep. key 2001 2498 P&M Straightline method 9.5% Local GAAP

DepType Ord.depreciation  
 Phase From the start of depreciation

Assignment of Calculation Methods

Base Method	0014	Ordinary: explicit percentage (after end of life)
Decl.-bal. method	001	0.00x / 0.0000% / 0.0000%
Prd Cont	001	01/01/02/02
Multilev.Meth.	Z1	2498 Multilevel method based on Rate 9.5%

Class Straight-line depreciation

Chnge. Method  
 Changeover%Rate

Multiple shift Increase in deprec., no increase in exp. useful life  
 Scrap Value Consideration is controlled by cutoff value key  
 Shutdown No

**Change View "Depreciation Key": Details**

New entries Activate

Dialog Structure

- Depreciation Key
  - Assignment of Calcul.

Chart of dep. 2498

Description Chart of Depreciation for 2498

Dep. key 2001 2498 P&M Straightline method 9.5% Local GAAP

Status Active

---

Maximum Amount

Cutoff Val. Key

No Ordinary Dep. with Special Dep.

No Interest If No Deprec. Is Planned

Period control according to fiscal years

Dep. to the Day

No reduct. in short year

Acq. Only Allowed in Capitalization Year No

No. of Places

Base Method: 0014 (Ordinary explicit percentage after end of life)

Decl-Bal method: 001

Prd. Control: 001 (01/01/02/02) depreciation on capitalization from the start of the month and when retirement no depreciation in the month retired the month retired.

Multilevel method: Z1 (already configured with 9.5%)

Click on Save



Click twice

Click on to activate the depreciation key.

Let us configure another depreciation key with Percentage method Z002 for IFRS LEDGER

### Change View "Depreciation Key": Details

New entries Activate

Dialog Structure

- Depreciation Key
  - Assignment of Calcul.

Chart of dep. 2498  
 Description Chart of Depreciation for 2498  
 Dep. key 2002 2498 P&M Straightline method 4.75% IFRS GAAP  
 Status Active

---

Maximum Amount    
 Cutoff Val. Key

No Ordinary Dep. with Special Dep.   
 No Interest If No Deprec. Is Planned   
 Period control according to fiscal years   
 Dep. to the Day   
 No reduct. in short year

Acq. Only Allowed in Capitalization Year No  
 No. of Places

### Change View "Assignment of Calculation Methods": Details

New entries Variable list

Dialog Structure

- Depreciation Key
  - Assignment of Calcul.

Chart of dep. 2498 Chart of Depreciation for 2498  
 Dep. key 2001 2498 P&M Straightline method 9.5% Local GAAP

DepType Ord.depreciation  
 Phase From the start of depreciation

Assignment of Calculation Methods

Base Method	0014	Ordinary: explicit percentage (after end of life)
Decl.-bal. method	001	0.00x / 0.0000% / 0.0000%
Prd Cont	001	01/01/02/02
Multilev. Meth.	Z1	2498 Multilevel method based on Rate 9.5%

Class Straight-line depreciation

Chnge. Method   
 Changeover%Rate

Multiple shift Increase in deprec., no increase in exp. useful life  
 Scrap Value Consideration is controlled by cutoff value key  
 Shutdown No

Let us configure another depreciation key based on life method 2003

### Change View "Depreciation Key": Details

New entries Activate

Dialog Structure  
 ▾ Depreciation Key  
   ▾ Assignment of Calcul.

Chart of dep. 2498  
 Description Chart of Depreciation for 2498  
 Dep. key 2003 2498 P&M Based on Life method  
 Status Active

---

Maximum Amount    
 Cutoff Val. Key

No Ordinary Dep. with Special Dep.   
 No Interest If No Deprec. Is Planned   
 Period control according to fiscal years   
 Dep. to the Day   
 No reduct. in short year

Acq.Only Allowed in Capitalization Year No  
 No. of Places

### Change View "Assignment of Calculation Methods": Details

New entries Variable list

Dialog Structure  
 ▾ Depreciation Key  
   ▾ Assignment of Calcul.

Chart of dep. 2498 Chart of Depreciation for 2498  
 Dep. key 2003 2498 P&M Based on Life method

DepType Ord.depreciation  
 Phase From the start of depreciation

Assignment of Calculation Methods

Base Method 0011 Ordinary: percentage from useful life  
 Decl.-bal. method 001 0.00x / 0.0000% / 0.0000%  
 Prd Cont 001 01/01/02/02  
 Multilev.Meth. 001 0.0000%

Class Straight-line depreciation

Chnge. Method No automatic changeover  
 Changeover%Rate

Multiple shift Increase in depreciation and expired useful life  
 Scrap Value Base value is reduced by the scrap value amount  
 Shutdown No

▾ Depreciation Key  
 ▾ Assignment of Calcul.

DepKy	Name for Whole Depreciation	Status
\$175	SMACRS 10 years property	Active
STCK	Unit-of-production depreciation (Example)	Active
SYD4	Sum-of-the-years-digits (40%)	Active
Z001	2498 P&M Straightline method 9.5% Local GAAP	Active
Z002	2498 P&M Straightline method 4.75% IFRS GAAP	Active
Z003	2498 P&M Based on Life method	Active

## ***46. Define the Cutoff Value Key (Optional)***

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation  
Methods - Further Settings - Define the Cutoff Value Key

For certain countries it is a legal requirement, that you end depreciation when a certain value is reached. You can enter an absolute scrap value in the asset master record. Or you can enter a percentage scrap value (cut-off value) in the calculation key.

In this step, you define the calculation key for automatically determining scrap values. For each calculation key, you can specify

The percentage of the depreciation base that should be used as the cut-off value percentage

Whether the cut-off value percentage should be deducted at the start or the end of the calculation of depreciation

At what point in time the system should start calculating the validity period

You can enter several cut-off percentages for each scrap value key. You can define the cut-off percentages/levels per acquisition year, and the validity period can be of any length.

Let us check one of the Cutoff val. Keys

## ***47. Define Maximum Base Value (Optional)***

IMG - Financial Accounting - Asset Accounting - Depreciation - Valuation  
Methods - Further Settings - Define Maximum Base Value

In this step, you define limited acquisition values as base values for the calculation of depreciation. This limited acquisition value can be stored as a key (05) in the multi-level method of the depreciation key, in the same way as all the other base values.

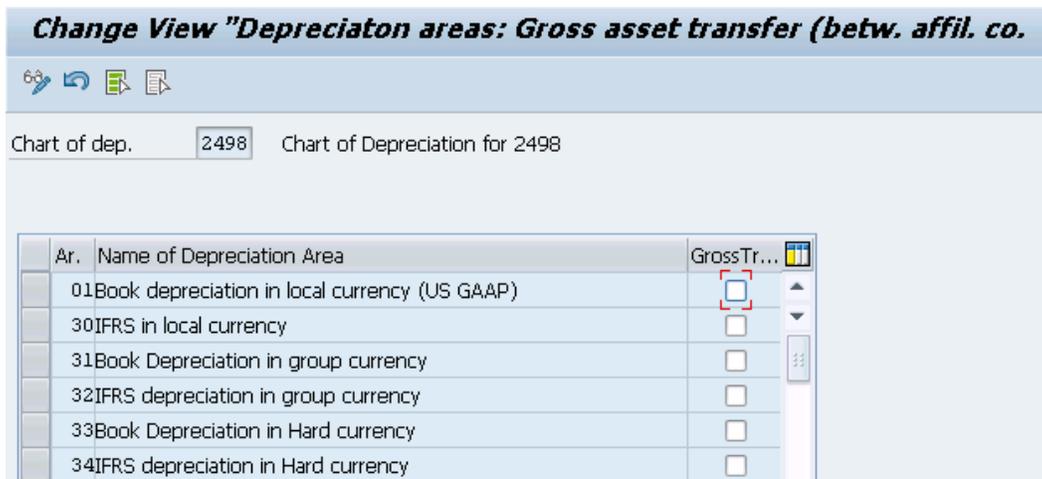
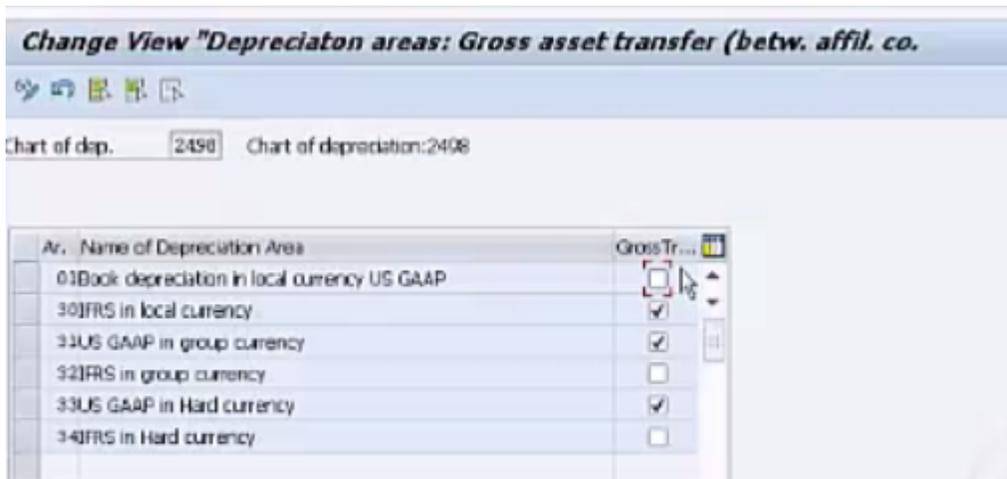
## **48. Special Valuation**

In the following section, you define system settings for special value adjustments to assets (investment support, special depreciation reserves)

and for special valuation purposes (for example, cost-accounting replacement values, interest, revaluation for the balance sheet).

**Specify Group Depreciation Areas- Mandatory**

Asset transfers between affiliated companies represent an acquisition or a retirement from the point of view of the participating individual companies. From the point of view of the corporate group, it is a transfer. The business transaction is posted as an acquisition or a retirement. Nevertheless, the business transaction should appear as a transfer from a consolidation point of view. ( Remove the tick from these boxes)



## Master data

### ***49. Define Screen Layout for Asset Master Data***

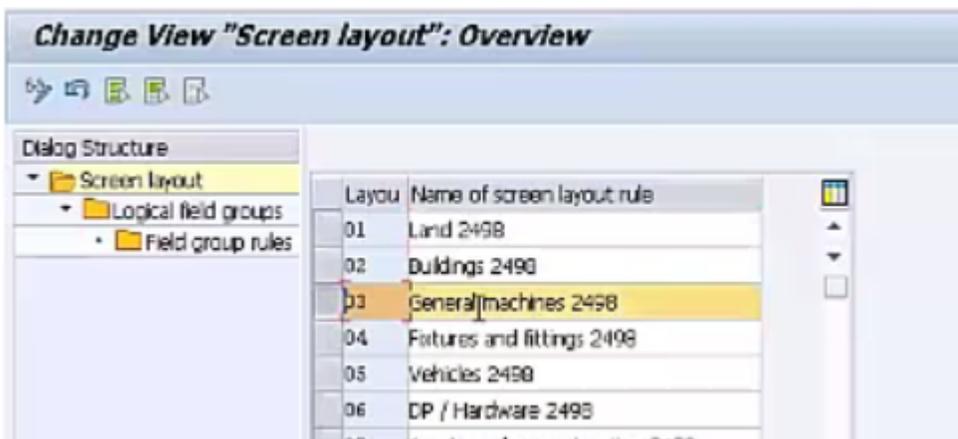
IMG - Financial Accounting - Asset Accounting - Master Data - Screen Layout - Define Screen Layout for Asset Master Data

You define the screen layout control for asset master data. The screen layout control contains the specifications for the field groups in the asset master record. You enter the screen layout control in the asset class. This method allows you to structure the master record individually for each asset class.

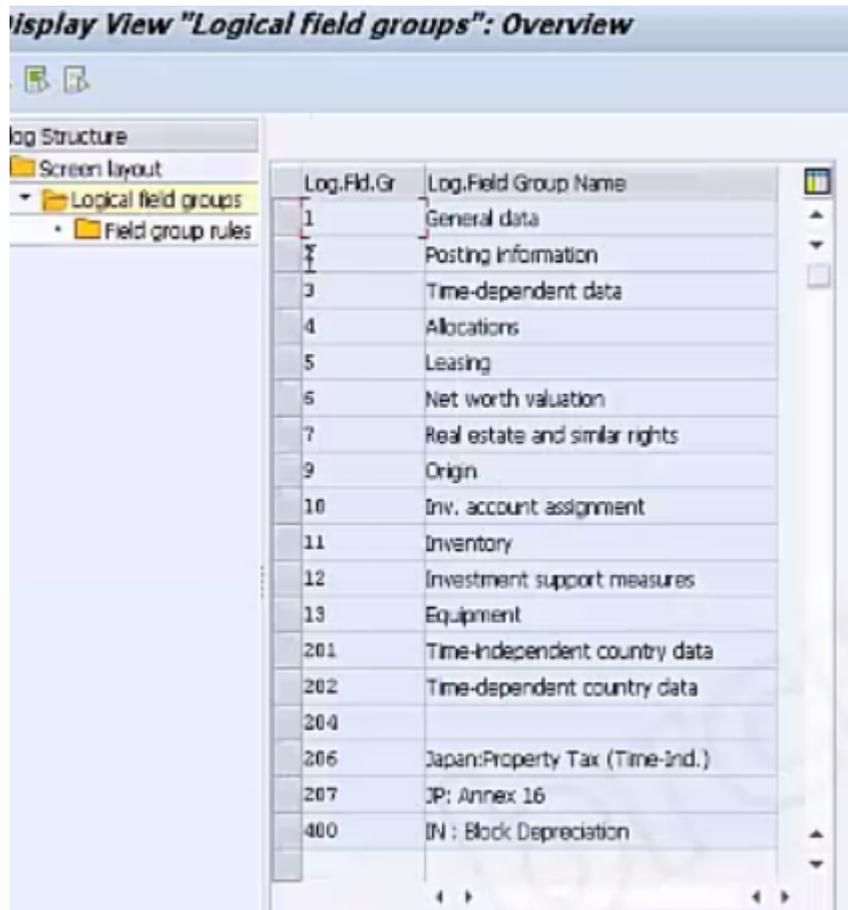


Here you can maintain which is required, optional or No (Suppressed entry) or any display.

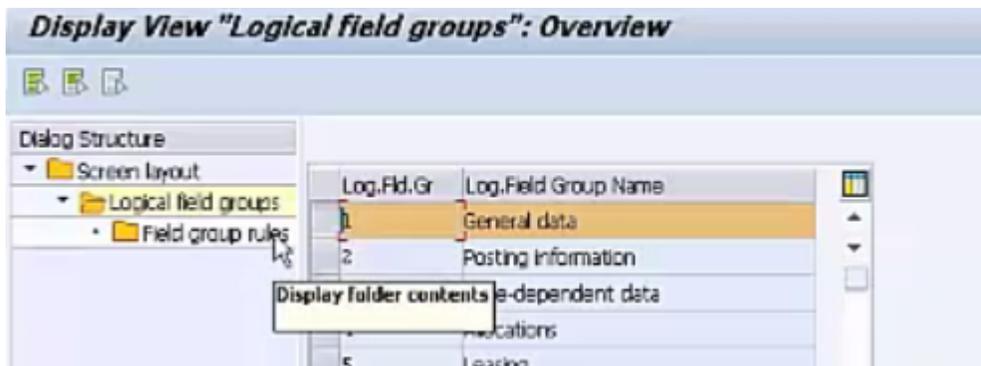
Here we maintain screen layout for Plant and Machinery



Select 03 General Machines 2498 and select Logical Field groups



Select General data and click Field Group rules



**Change View "Field group rules": Overview**

Dialog Structure

- Screen layout
  - Logical field groups
    - Field group rules

Screen Layout: 03    General machines 2498  
 Logical Fld Grp: 1    General data

FG	Field group name	Req.	Opt.	No	Disp	Class	MnNo.	Sbno.	Copy
01	Description 1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02	Description 2	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03	General long text	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
04	Inventory number	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
05	Unit of measure	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
06	Quantity	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
07	Asset main no. text	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
09	Account allocation	<input checked="" type="radio"/>				<input checked="" type="checkbox"/>			
75	Serial number	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
79	Longtxt.:C-acc.view	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
80	Longtxt.:Tech.view	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
82	History indicator	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Req: If this indicator is set, it is mandatory field

Opt: If this indicator is set, it is an optional field

No: If this indicator is set, field is surpassed in the asset master data

Disp: If this indicator is set, field is display only not modifiable, in the asset Master data

Class – If this indicator is set, it means maintenance allowable only at asset class level

MnNo – Data Transfer entry from Main asset number to Sub number

Sbno – Data Transfer but entry allowed in sub asset number

Copy – Data Transfer ie Copy field group from reference asset

**Change View "Field group rules": Overview**

Dialog Structure

- Screen layout
  - Logical field groups
    - Field group rules

Screen Layout: 03    General machines 2498  
 Logical Fld Grp: 2    Posting information

FG	Field group name	Req.	Opt.	No	Disp	Class	MnNo.	Sbno.	Copy
10	Capitalization date	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	Acquisition data	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Deactivation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Planned deactivation	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Purchase order date	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43	Capitalization key	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Change View "Field group rules": Overview**

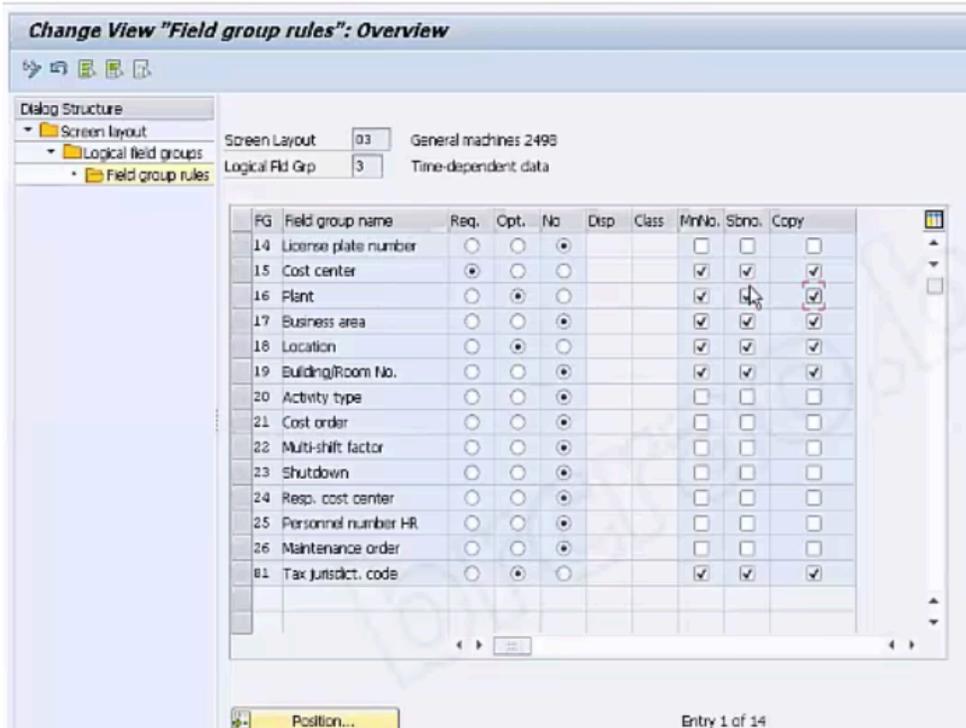
Dialog Structure

- Screen layout
  - Logical field groups
    - Field group rules

Screen Layout: 03    General machines 2498  
 Logical Fld Grp: 3    Time-dependent data

FG	Field group name	Req.	Opt.	No	Disp	Class	MnNo.	Sbno.	Copy
14	License plate number	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Cost center	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16	Plant	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Business area	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	Location	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	Building/Room No.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	Activity type	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Cost order	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

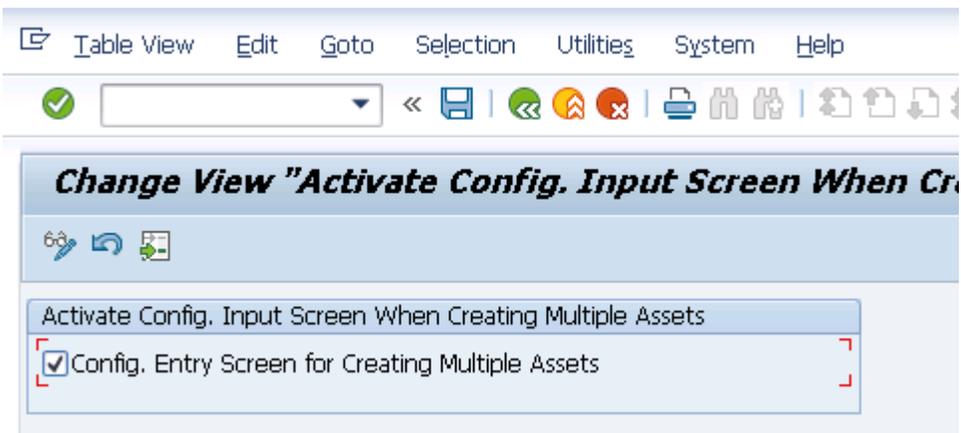
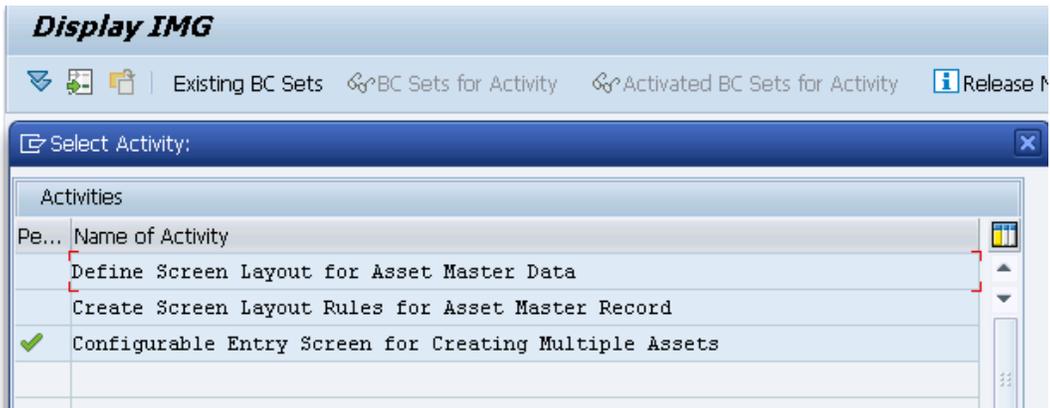
Make cost Center mandatory



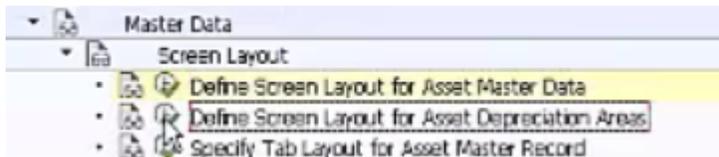
We have to maintain screen layout for all Layouts



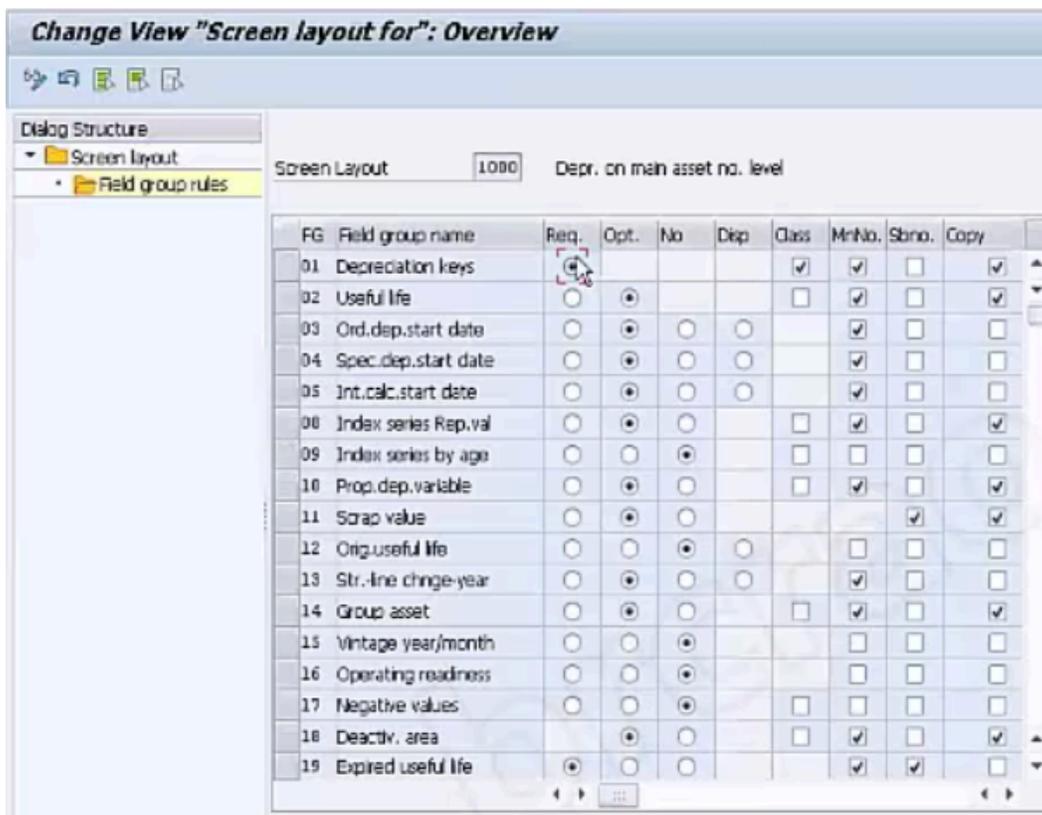
Configurable Entry screen for Creating Multiple Assets



## 50. Define Screen Layout for Asset Depreciation Areas



Select Screen layout 1000 and click Field Group rules



### Change View "Screen layout for": Overview

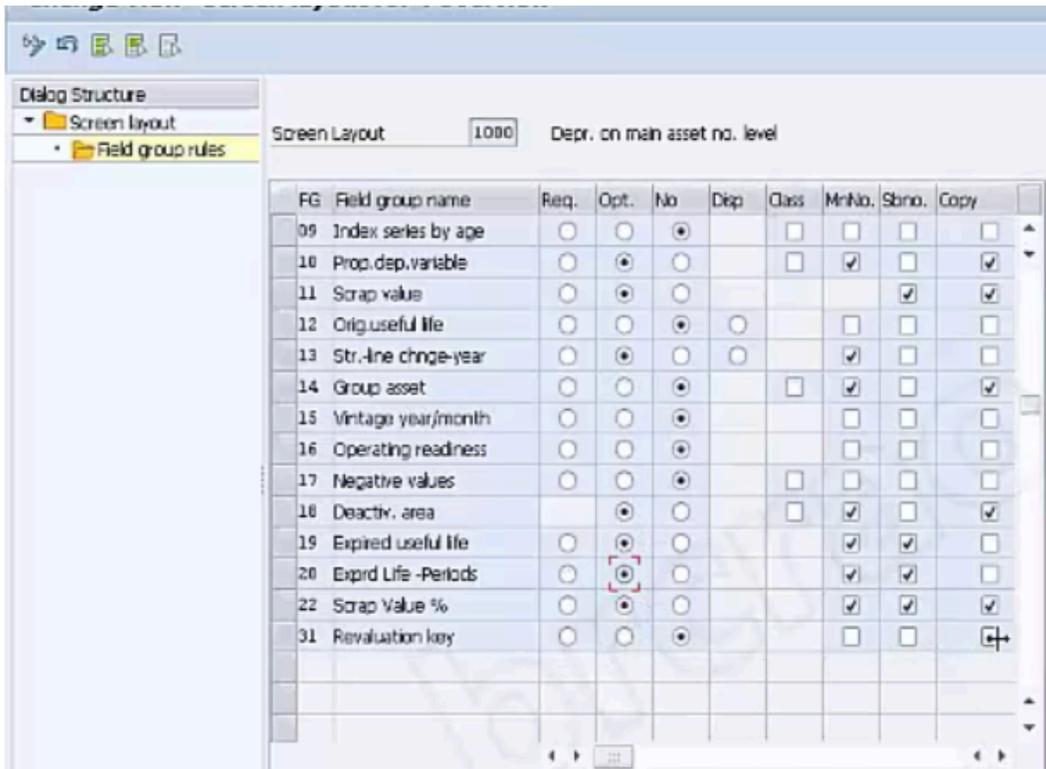
Dialog Structure

- Screen layout
  - Field group rules

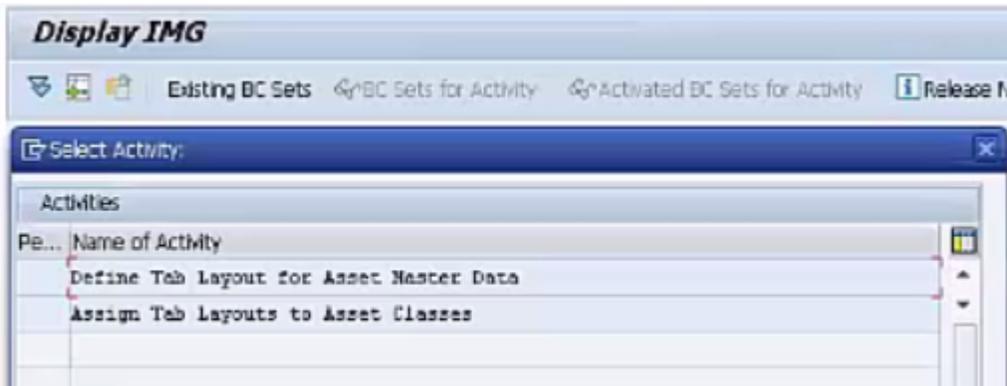
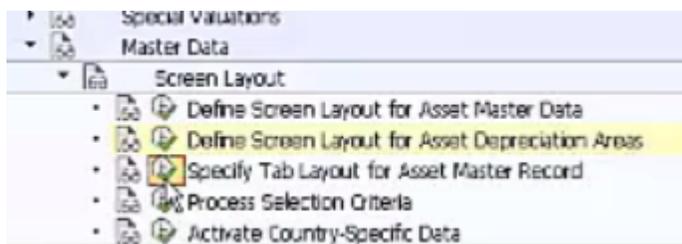
Screen Layout: 1000    Depr. on main asset no. level

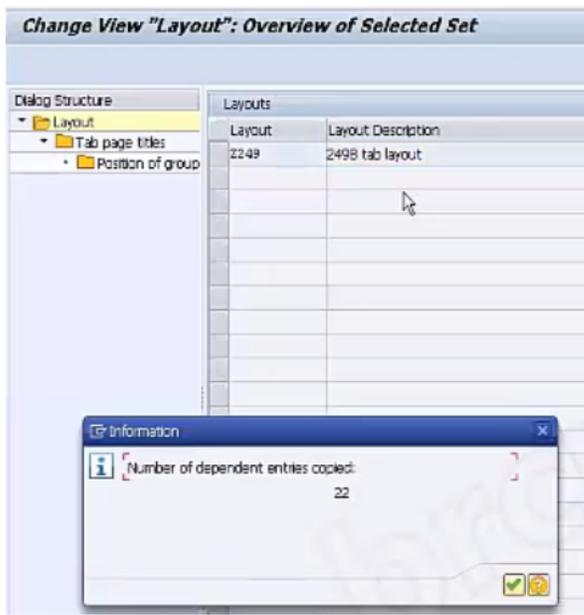
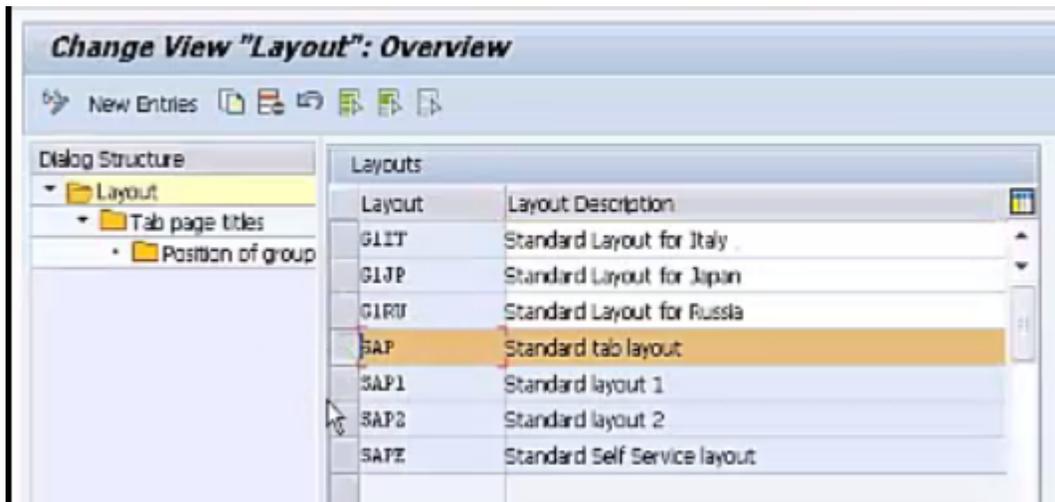
FG	Field group name	Req.	Opt.	No	Disp	Class	MnNo.	Sbno.	Copy
01	Depreciation keys	<input checked="" type="radio"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
02	Useful life	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
03	Ord.dep.start date	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04	Spec.dep.start date	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05	Int.calc.start date	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08	Index series Rep.val	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09	Index series by age	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Prop.dep.variable	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	Scrap value	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Orig.useful life	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Str.-line chnge-year	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Group asset	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Vintage year/month	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Operating readiness	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Negative values	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Deactiv. area		<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	Expired useful life	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

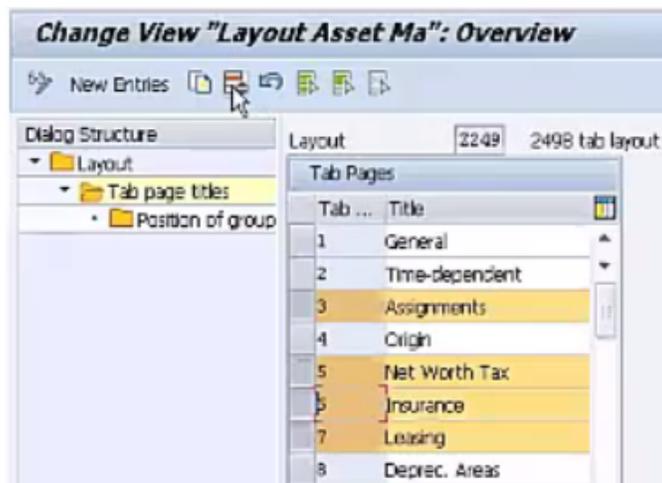
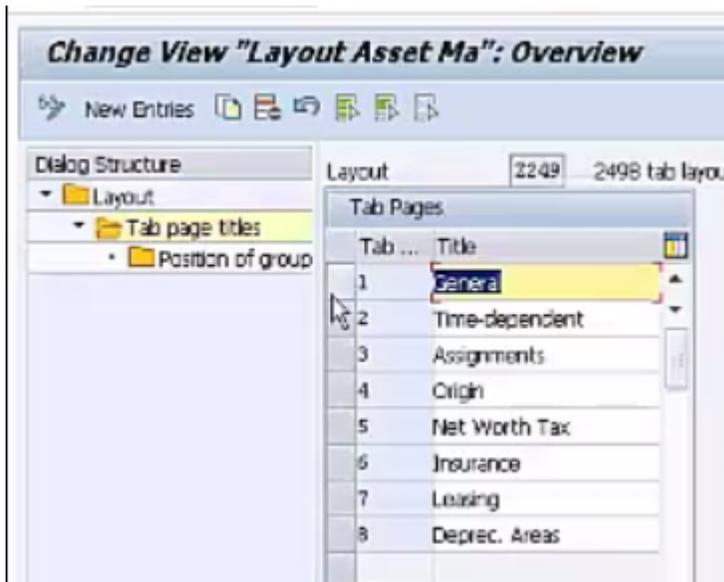
FG	Field group name	Req.	Opt.	No	Disp	Class	MnNo.	Sbno.	Copy
04	Spec.dep.start date	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05	Int.calc.start date	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08	Index series Rep.val	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09	Index series by age	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Prop.dep.variable	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	Scrap value	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Orig.useful life	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Str.-line chnge-year	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Group asset	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
15	Vintage year/month	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Operating readiness	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Negative values	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Deactiv. area		<input checked="" type="radio"/>	<input type="radio"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
19	Expired useful life	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20	Exprd Life -Periods	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22	Scrap Value %	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Revaluation key	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

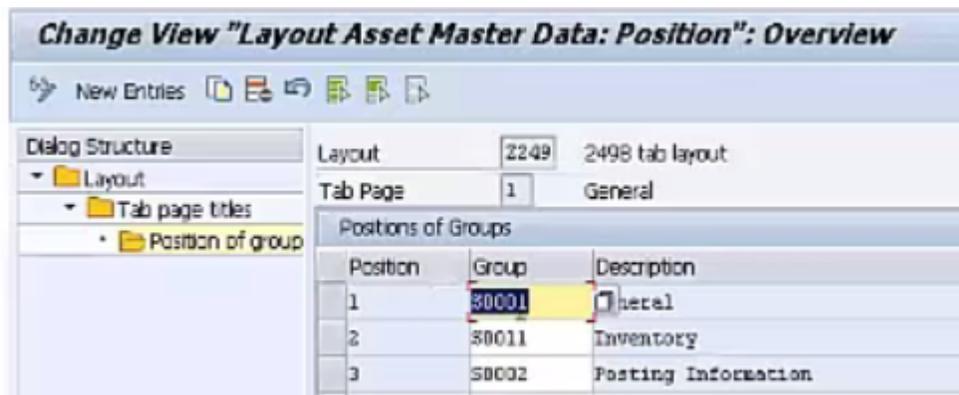
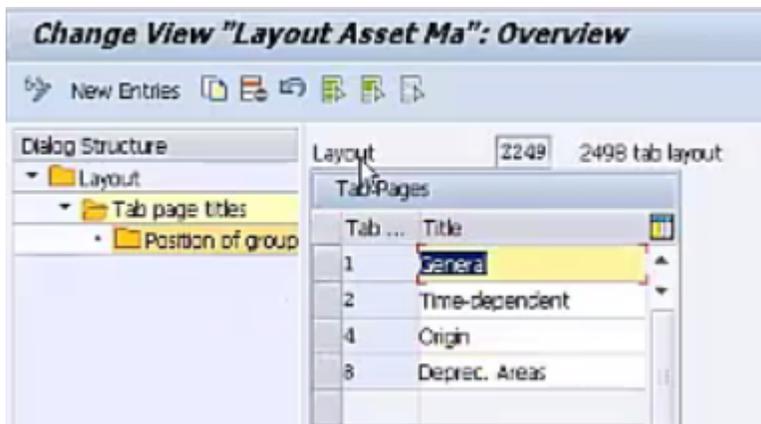
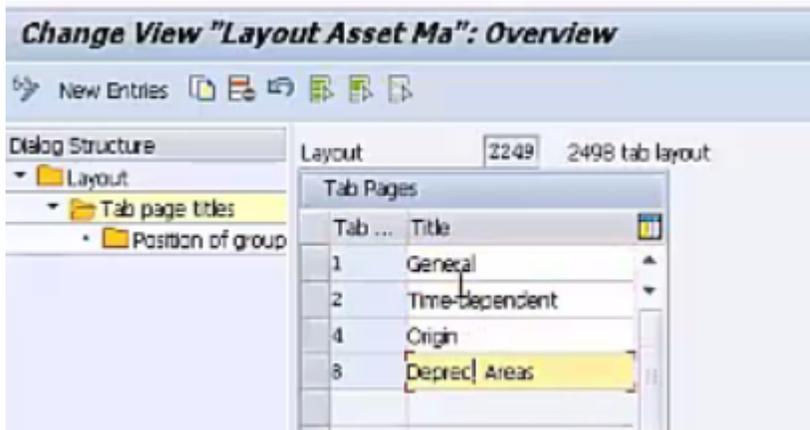


## 51. Specify Tab Layout for Asset Master Records

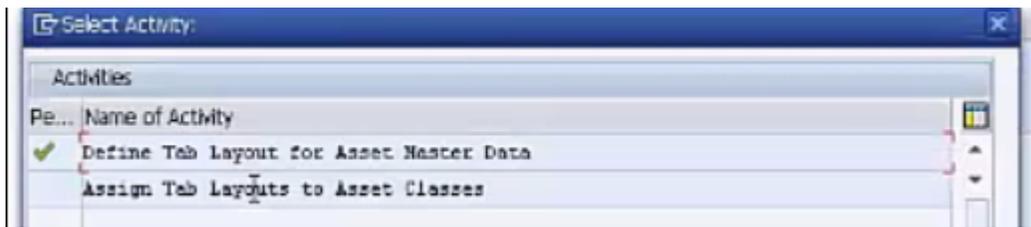


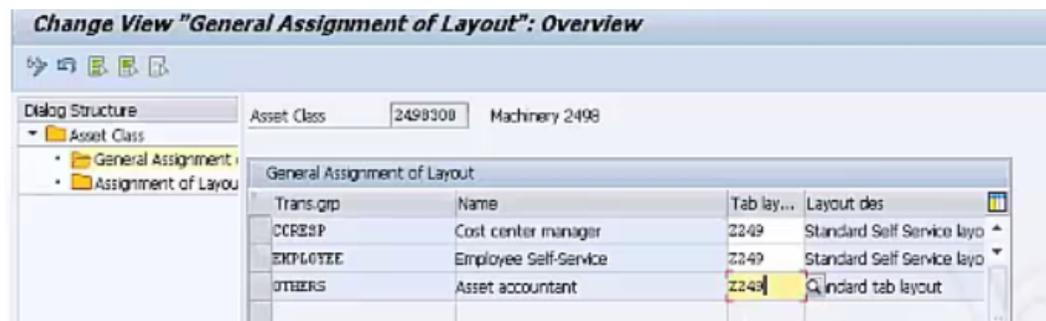
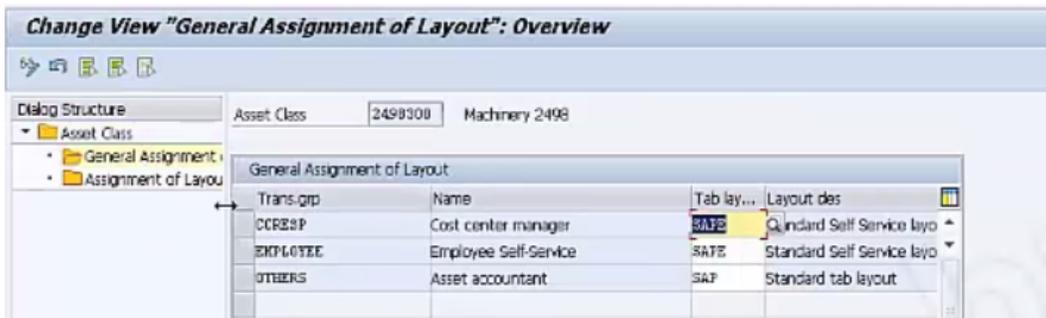




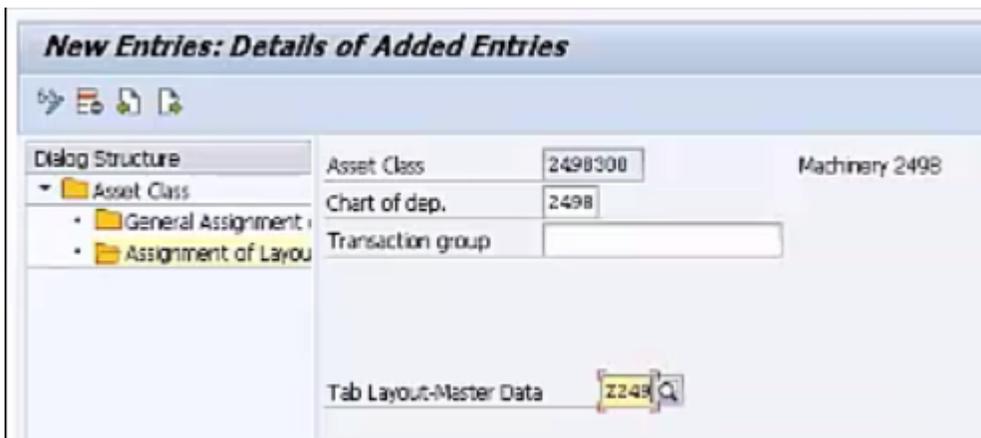
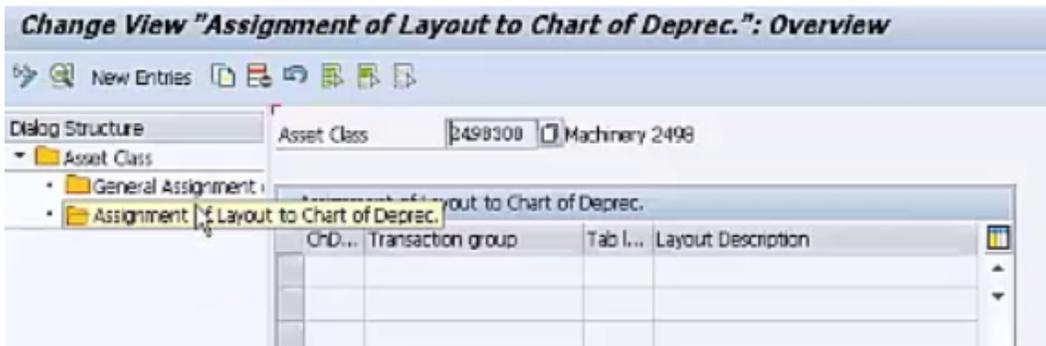


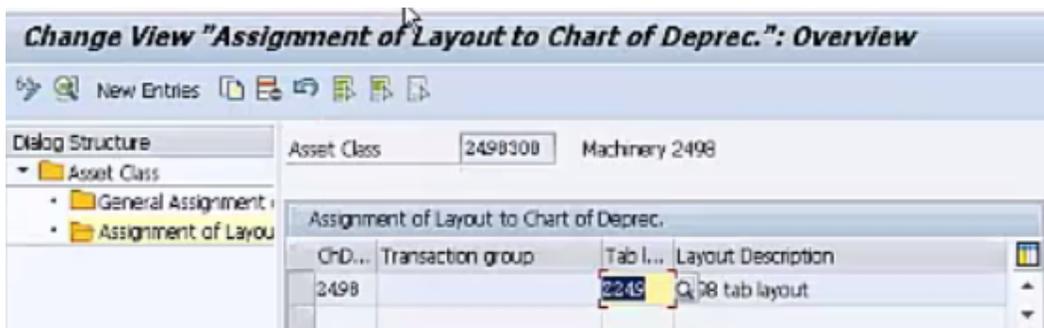
## 52. Assign Tab layouts to Asset Classes



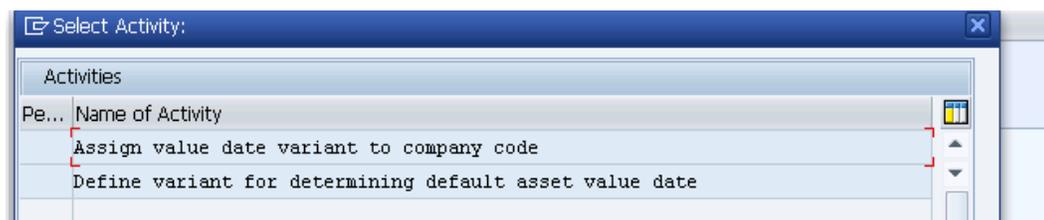
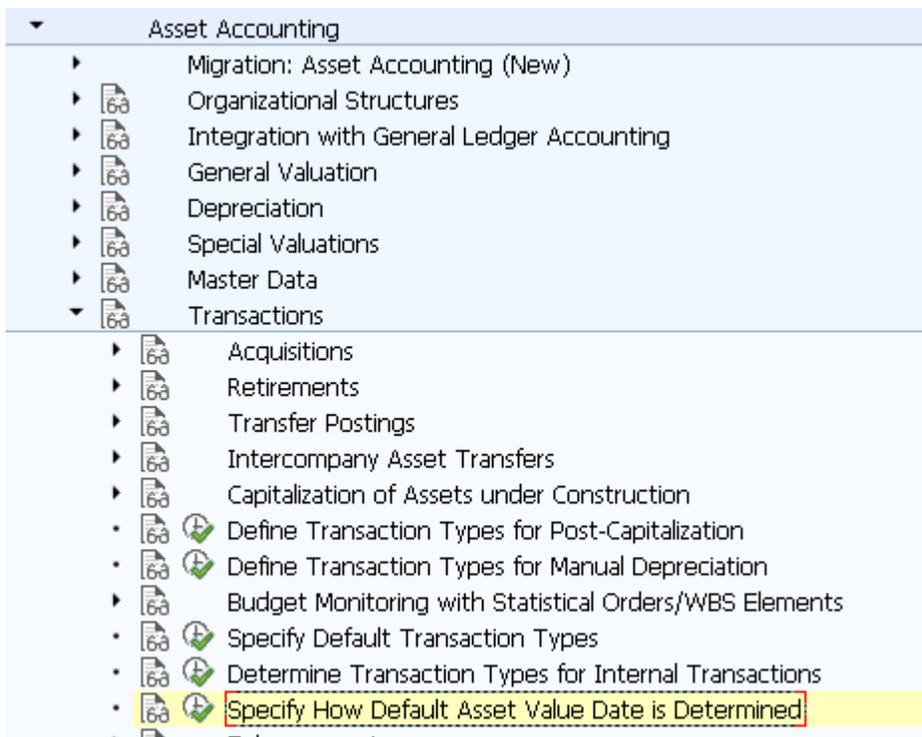


Assign at chart of depreciation level





## 53. Specify How Default Asset Value Date is Determined



In this step, you define which rules the system should use in each company code when determining the **default asset value date** when posting asset transactions. You need this step only if you have special needs in regard to the asset value date, since there are standard rules in the system that meet most needs for setting the asset date.

The default asset value date is particularly important for transactions that are initiated in applications that are integrated with Asset Accounting (such as acquisition from goods receipt). In that type of transaction, the default asset value date is not displayed, and therefore cannot be changed manually when you post.

You specify the rules for determining the default asset value date in value date variants. You can assign one value date variant to each company code.

**Change View "Assign value date variants to company codes": Overview**

Variable list

CoCd	Company Name	Variant	Variant Description
2422	ATOSSH_22 Comopany co	SAP_DEFAULT	Used when no variant assigned to company coc
2498	2498 Company code	SAP_DEFAULT	Used when no variant assigned to company coc
2500	2500 Company code	SAP_DEFAULT	Used when no variant assigned to company coc

Select Activity:

Pe...	Name of Activity
	Assign value date variant to company code
	Define variant for determining default asset value date

Define Variant for determining default asset value date.

**Change View "Business Transactions": Overview**

Variable list Set defaults

Dialog Structure

- Variants
  - Business Transaction

Variant: SAP\_DEFAULT Used when no variant assigned to company code

Name of transaction	Prim.Rule	ALT.Rule
Current-value depreciation	9	4
Retirement	1	
Settlement of AuC	2	
Down payment	2	
Settlement of order	2	
Revaluation	14	6
Acquisition posting for settlement of AuC	2	
Credit memo related to invoice	12	2
Investment support	9	4
Manual transfer of reserves	9	4
Subsequent retirement costs	10	2
Post-capitalization	6	
Subsequent revenue	10	2
Manual ordinary depreciation	9	4
Manual special depreciation	9	4
Intracompany transfer	1	
Acquisition from settlement	2	

Primary Rule for Setting the Asset Value Date (1)

Restrictions

Rule	Name of Rule
01	To be entered manually
02	Posting date
03	Document date
04	Earlier of either document or posting date (if differ
05	First day of period
06	First day of fiscal year
07	User-spezif. fixed date
08	Current date
09	Capitalization date
10	Date of last retirement
11	First day after last retirement
12	Posting date, goods receipt
14	Date of revaluation measure

## Information System

In the step "Info system", you define the report selection in the Asset Accounting Info system [sort versions](#) for the asset reports the structure of the asset history sheet currency translation methods and other system configurations for reporting

### **54. Define or Assign Forms- Mandatory**

In this step, you define layout sets (forms) for

the evaluation "Asset history" (asset chart) in the Asset Accounting Info system and

for printing labels with asset information (barcodes) using the inventory list

In this step, you define layout sets (forms) for the evaluation "Asset history" (asset chart) in the Asset Accounting Info system and for printing labels with asset information (barcodes) using the inventory list.

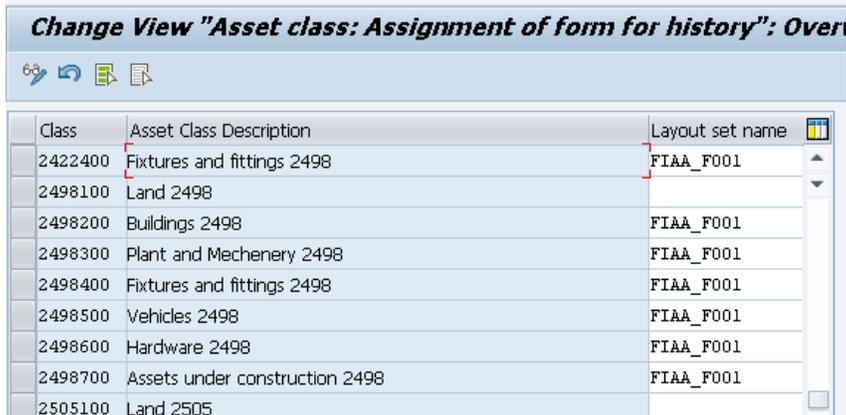
Layout sets determine the layout of the list printout of this report.

You can store a separate layout set in every asset class for the asset chart. The report then uses this layout set for the fixed assets of this class and creates a corresponding asset chart. Note that the report evaluates only fixed assets with an active history management (indicator in the asset master record).

You can enter the layout set for the inventory list when you start the report.

SAP supplies the layout set FIAA\_F001 as a default for the asset chart and the layout set FIAA\_0003 for the inventory labels.

**Change View "Asset class: Assignment of form for history": Overview**



Class	Asset Class Description	Layout set name
2422400	Fixtures and fittings 2498	FIAA_F001
2498100	Land 2498	
2498200	Buildings 2498	FIAA_F001
2498300	Plant and Machinery 2498	FIAA_F001
2498400	Fixtures and fittings 2498	FIAA_F001
2498500	Vehicles 2498	FIAA_F001
2498600	Hardware 2498	FIAA_F001
2498700	Assets under construction 2498	FIAA_F001
2505100	Land 2505	

## 55. Asset Data Transfer-Parameters for Data transfer

In the section *Asset Data Transfer* you copy legacy data from a previous system.

Define Transfer Date and Additional Parameters

### Use

In this activity, you create a legacy data transfer segment to be able to transfer fixed assets on a specific [transfer date](#). Apart from the transfer date, you also define additional parameters for the legacy data transfer.

**Display Settings for Company Code in Asset Accounting**



General Information

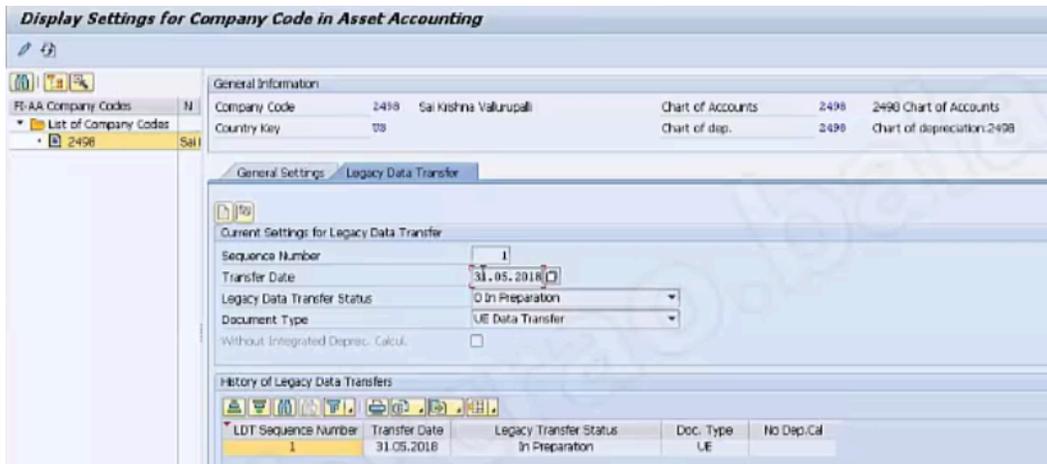
Company Code	2498	2498 Company code	Chart of Accounts	2498	2498 Chart of Accounts
Country Key	US		Chart of dep.	2498	Chart of Depreciation for 2498

General Settings | Legacy Data Transfer

General Settings for Company Code

Company Code Status: For Testing

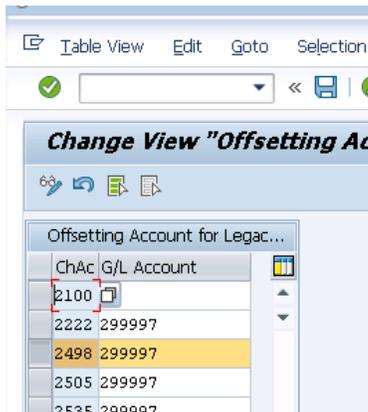
Company Code Locked:



## 56. Define Offsetting Account for Legacy Data Transfer

### Use

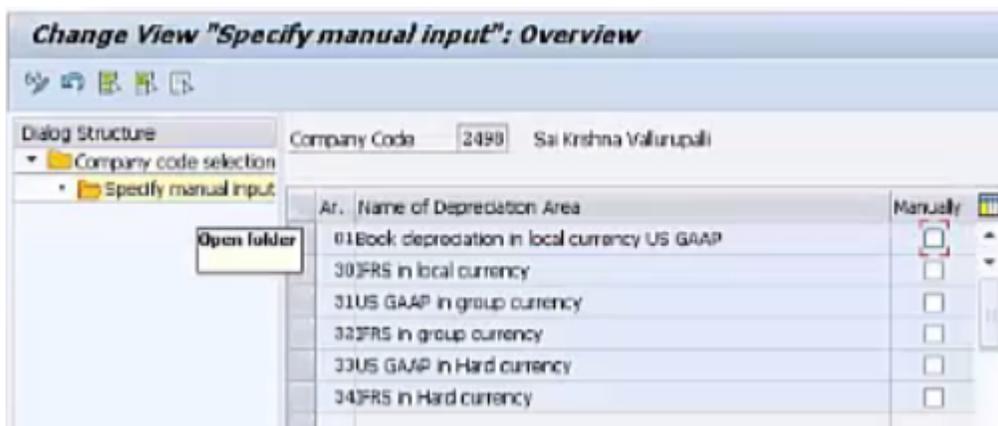
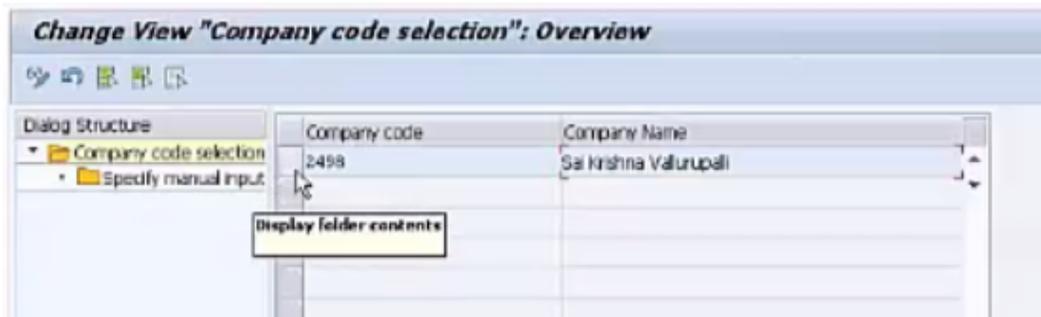
In this activity you specify a G/L account that is used with the legacy data transfer for transferring balances.

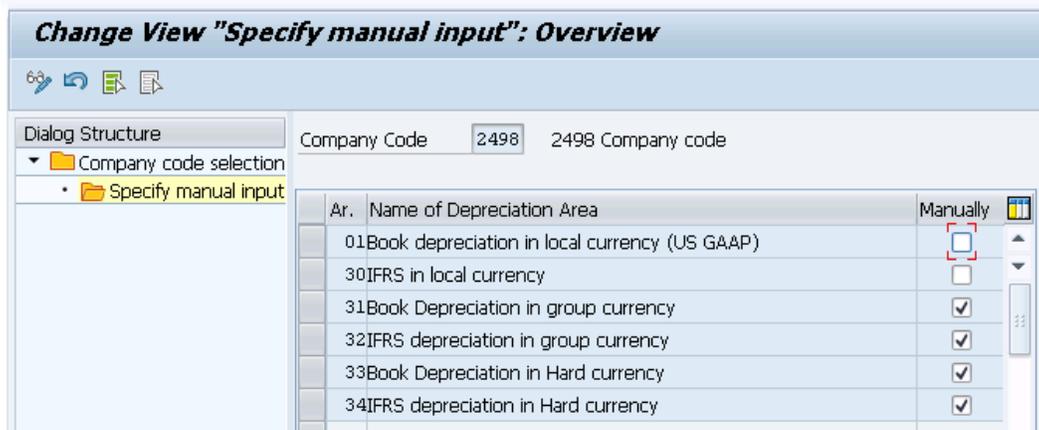


## 57. Transfer Foreign Currency Areas

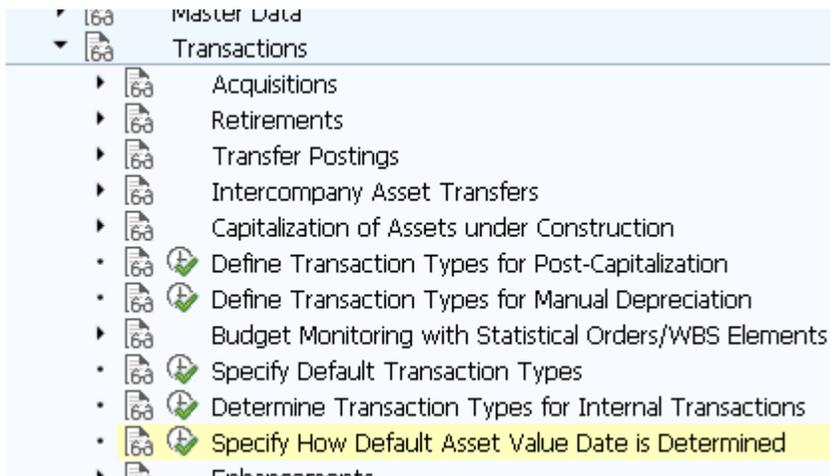
This activity is relevant for you only if you manage depreciation areas in foreign currency.

In this activity, you determine that foreign currency areas can receive values during automatic legacy data transfer. As a result, the depreciation areas in question are not supplied with values from another area by the system, although they are defined as dependent areas by the Customizing settings. This specification can only be made for areas that are managed in foreign currency.





## 58. Specify How Default Asset Value Date is Determined



In this step, you define which rules the system should use in each company code when determining the [default asset value date](#) when posting asset transactions. You need this step only if you have special needs in regard to the asset value date, since there are standard rules in the system that meet most needs for setting the asset date.

The default asset value date is particularly important for transactions that are initiated in applications that are integrated with Asset Accounting (such as

acquisition from goods receipt). In that type of transaction, the default asset value date is not displayed, and therefore cannot be changed manually when you post.

You specify the rules for determining the default asset value date in value date variants. You can assign one value date variant to each company code.

You enter two rules in the value date variant for each accounting transaction:

one primary rule

one alternative rule, in case the fiscal year determined on the basis of the primary rule is not the same as the fiscal year of the posting date.

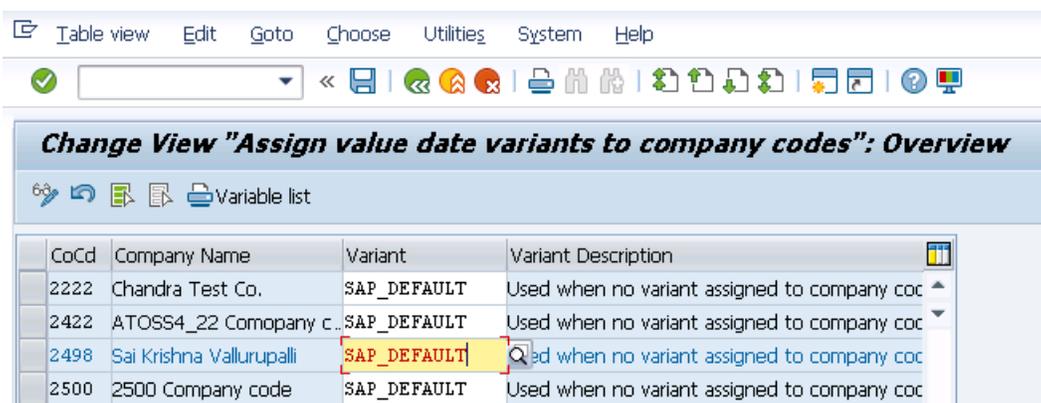
In addition, you can define new rules in this step. You have to use the standard SAP enhancement AMAV0001 to set up the program logic for new rules for determining the default asset value date.

### Standard settings

SAP supplies the value date variant SAP\_DEFAULT. This variant contains rules for determining the asset value date for all Asset Accounting transactions.

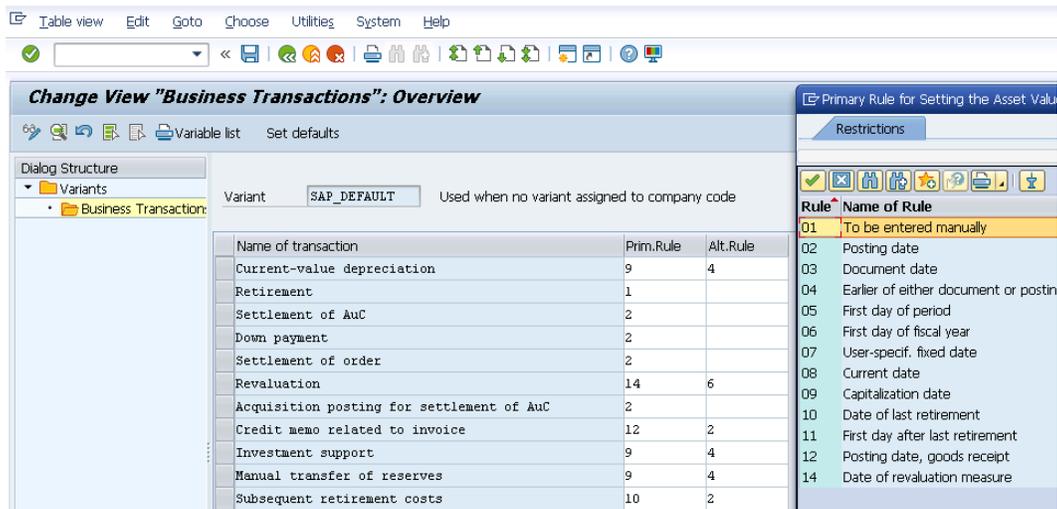
The system uses the SAP\_DEFAULT value date variant in all company codes to which you do not assign a specific value date variant.

Assign Variant SAP\_DEFAULT to company code

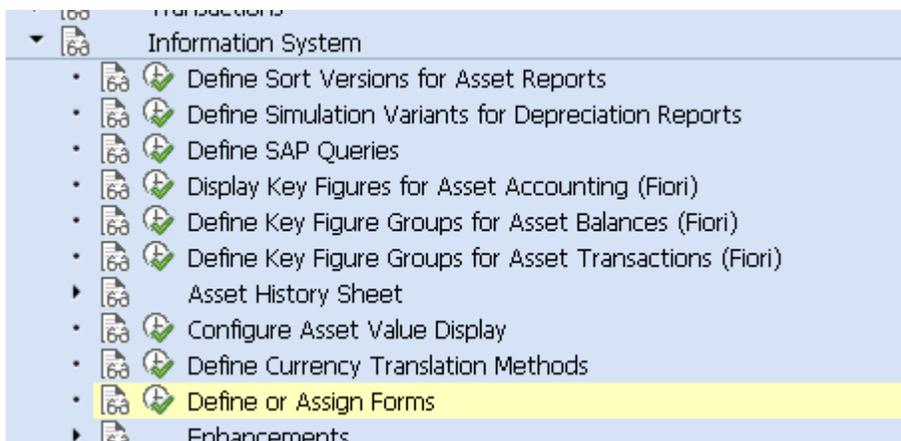


The screenshot shows the SAP 'Assign value date variants to company codes' overview table. The table has four columns: CoCd, Company Name, Variant, and Variant Description. The row for company code 2498, 'Sai Krishna Vallurupalli', is highlighted in yellow, and the 'SAP\_DEFAULT' variant is also highlighted in yellow. The table title is 'Change View "Assign value date variants to company codes": Overview'.

CoCd	Company Name	Variant	Variant Description
2222	Chandra Test Co.	SAP_DEFAULT	Used when no variant assigned to company coc
2422	ATOSS4_22 Comopany c.	SAP_DEFAULT	Used when no variant assigned to company coc
2498	Sai Krishna Vallurupalli	SAP_DEFAULT	Used when no variant assigned to company coc
2500	2500 Company code	SAP_DEFAULT	Used when no variant assigned to company coc



## 59. Define or Assign Forms



In this step, you define layout sets (forms) for

the evaluation "Asset history" (asset chart) in the Asset Accounting Info system and

for printing labels with asset information (barcodes) using the inventory list

Layout sets determine the layout of the list printout of this report.

You can store a separate layout set in every asset class for the asset chart. The report then uses this layout set for the fixed assets of this class and creates a corresponding asset chart. Note that the report evaluates only fixed assets with an active history management (indicator in the asset master record).

You can enter the layout set for the inventory list when you start the report.

**Change View "Asset class: Assignment of form for history": Overview**

Class	Asset Class Description	Layout set name
2422400	Fixtures and fittings 2498	FIAA_F001
2498100	Land 2498	
2498200	Buildings 2498	FIAA_F001
2498300	Plant and Mechenery 2498	FIAA_F001
2498400	Fixtures and fittings 2498	FIAA_F001
2498500	Vehicles 2498	FIAA_F001
2498600	Hardware 2498	FIAA_F001
2498700	Assets under construction 2498	FIAA_F001
2505100	Land 2505	

## 60. Define Revenue Distribution for Fixed Asset Retirement

- ▼ Transactions
  - ▶ Acquisitions
  - ▼ Retirements
    - Define Transaction Types for Retirements
    - ▼ Gain/Loss Posting
      - Determine Posting Variants
      - Define Transaction Types for Write-Up Due to Gain/Loss
      - Determine Asset for Gain/Loss Posting per Class
      - Determine Asset for Gain/Loss Individually (Substitution)
      - Define Revenue Distribution for Fixed Asset Retirement

### Use

In this activity, you specify at company code level how the system is to distribute revenues arising from asset retirements:

Distribution based on acquisition or production costs (APC)

Distribution based on net book values

Note:

When creating a worklist for mass retirement, you can opt for an alternative type of revenue distribution, regardless of the setting that you have made here for revenue distribution for your company code.

**Change View "Revenue Distribution Method in Company Code": Overview**

CoCd	Company Name	Rev. Dist.
2200	ATOSS4_22 Comopany code	By Net Book Value
2222	Chandra Test Co.	By Net Book Value
2422	ATOSS4_22 Comopany code	By Net Book Value
2498	Sai Krishna Vallurupalli	By Net Book Value
2500	2500 Company code	By Net Book Value

## 61. Specify Group Depreciation Areas

60	Depreciation
60	Special Valuations
60	Special Reserves
60	Transferred Reserves
60	Investment Support
60	Revaluation of Fixed Assets
60	Interest
60	Net Worth Tax
60	Preparations for Consolidation
60	Specify Consolidation Transaction Types for APC Transactions
60	Specify Transaction Types for Proportional Value Adjustments
60	Specify Group Depreciation Areas

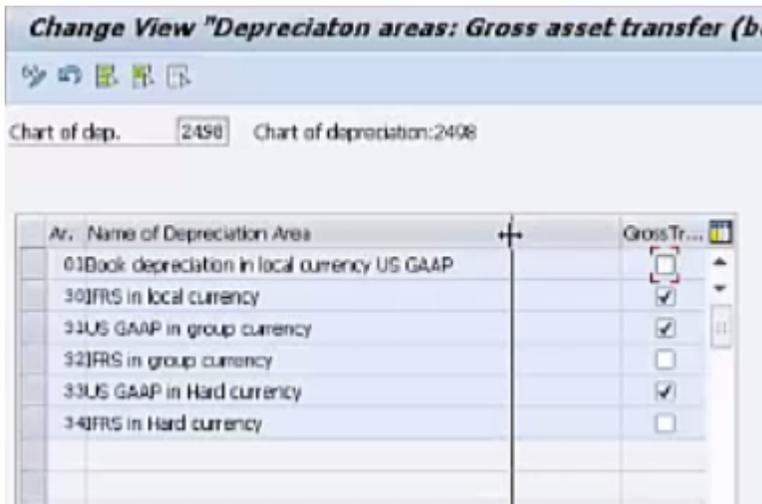
### Use

Asset transfers between affiliated companies represent an acquisition or a retirement from the point of view of the participating individual companies. From the point of view of the corporate group, it is a transfer. The business transaction is posted as an acquisition or a retirement. Nevertheless, the business transaction should appear as a transfer from a consolidation point of view.

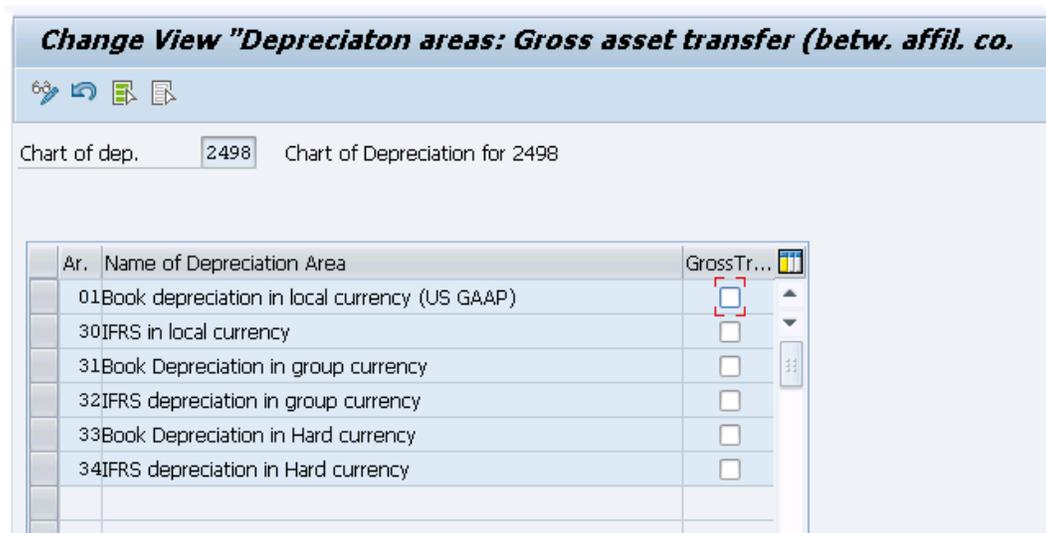
In this activity, therefore, you can specify that the system represents transfers between affiliated companies correctly as transfers in reports for the corporate group. You can make this specification per depreciation area.

### Standard settings

The standard depreciation areas for legal consolidation can be recognized by their names.



Un select these check boxes and save



## 62. Check Consistency



After you have made all needed system settings, you can now check their consistency.

You should carry out this test for the following reasons:

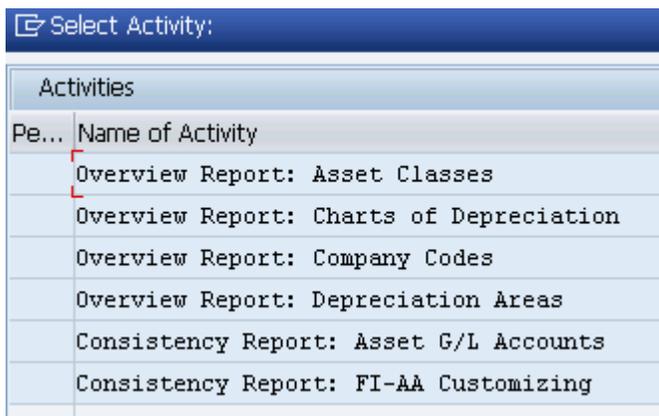
Along with the dialog checks, you should also check the consistency of your system settings at the end as a whole (in overview). You should print out the settings. In this step, you can check the plausibility of your system settings and print them out

## Requirements

You must have worked through all of the previous steps.

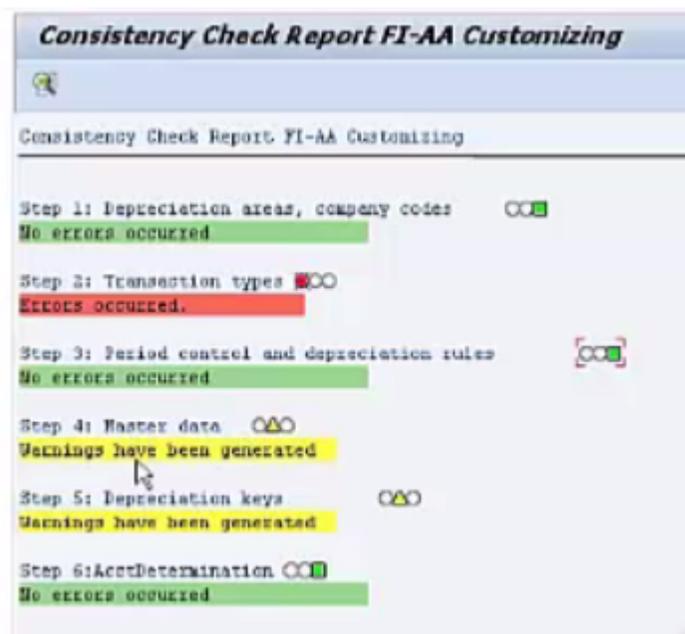
## Activity

Check the system settings for charts of accounts, company codes, and depreciation areas in the corresponding overview lists. Start the consistency report for the asset general ledger accounts. Start the consistency report for the FI-AA Customizing settings.



Activities	
Pe...	Name of Activity
	Overview Report: Asset Classes
	Overview Report: Charts of Depreciation
	Overview Report: Company Codes
	Overview Report: Depreciation Areas
	Consistency Report: Asset G/L Accounts
	Consistency Report: FI-AA Customizing

Click Consistency Report : FI-AA Customizing



Consistency Check Report FI-AA Customizing	
Step 1: Depreciation areas, company codes	OO
No errors occurred	
Step 2: Transaction types	OO
Errors occurred.	
Step 3: Period control and depreciation rules	OO
No errors occurred	
Step 4: Master data	OO
Warnings have been generated	
Step 5: Depreciation keys	OO
Warnings have been generated	
Step 6: AcctDetermination	OO
No errors occurred	

Step 02: Errors. Common issues only ignore

The screenshot shows a window titled "Consistency Check Report FI-AA Customizing". Inside, there is a sub-window titled "Step 002: Display messages" which contains a table of error messages. The table has four columns: "Typ", "Id", "Message text", and "LTxt".

Typ	Id	Message text	LTxt
●	002	Trans.type 29A: Trans.type 250 entered for 'Acquis. same year' not al-	●
●	002	Trans.type 29Z: Trans.type 250 entered for 'Acquis. same year' not al-	●
●	002	Trans.type 30A: The entered trans.type 31A not allowed for 'offset, e-	●
●	002	Trans.type 31A: Trans.type 330 entered for 'Acquis. same year' not al-	●
●	002	Trans.type 32A: The entered trans.type 33A not allowed for 'offset, e-	●
●	002	Trans.type 750: Trans.type 760 entered for 'Acquis. same year' not al-	●

## 63. Transactions

Transaction code: AS91

The screenshot shows the "Create Legacy Data: Initial screen" for "Master data - Depreciation areas". It contains the following fields:

- Asset Class: 2430000
- Company Code: 2438
- Reference section with fields for:
  - Asset: [ ]
  - Sub-Number: [ ]
  - Company Code: [ ]

### Create Legacy Data: Master data

Takeover values     Asset values

Asset:

Class:  Machinery 2498    Company Code:

**General**   Time-dependent   Origin   Deprec. Areas

**General data**

Description:

Asset Main No. Text:

Acct determination:  Machinery and Equipment 2498

Serial number:

Inventory Number:

Quantity:

Manage historically

**Inventory**

Last Inventory On:      Include asset in inventory list

Inventory Note:

**Posting information**

### Create Legacy Data: Master data

T takeover values Asset values

Asset:

Class:  Machinery 2498 Company Code:

General Time-dependent Origin Deprec. Areas

**General data**

Description:

Asset Main No. Text:

Acct determination:  Machinery and Equipment 2498

Serial number:

Inventory Number:

Quantity:  EA

Manage historically

**Inventory**

Last Inventory On:

Inventory Note:

Include asset in inventory list

**Posting information**

**Posting information**

Capitalized On:

Deactivation on:

First Acquisition on:

Acquisition Year:

T takeover values Asset values

Asset:   First Legacy Asset

Class:  Machinery 2498 Company Code:

General Time-dependent Origin Deprec. Areas

Interval from 01.01.1900 to 31.12.9999

Cost Center:

Plant:

Location:

**Create Legacy Data: Master data**

Takeover values   Asset values

Asset:     First Legacy Asset

Class:  Machinery 2498   Company Code:

General   Time-dependent   Origin   Deprec. Area

Valuation

Delect.	A... Depreciation area	DKey	Useful life	Prd	ODep Start	Exp. UL	Prd
<input type="checkbox"/>	01USGAAP Loc.	2001	10		01.01.2016	2	
<input type="checkbox"/>	30FRS loc.cur	2002	20		01.01.2016	2	
<input type="checkbox"/>	33USGAAP G Cur	2001	10		001.01.2016	2	0
<input type="checkbox"/>	32FRS(g.cur)	2002	20		001.01.2016	2	0
<input type="checkbox"/>	33USGAAP H Cur	2001	10		001.01.2016	2	0
<input type="checkbox"/>	34FRS(H.cur)	2002	20		001.01.2016	2	0

**Create Legacy Data: Depreciation area USGAAP Loc.**

Takeover values   Asset values   Data for revaluation

Asset:     First Legacy Asset

Class:  Machinery 2498   Company Code:

Area:    Book depreciation in local currency US GAAP

Interval from 01.01.1900 to 31.12.9999

General Specifications

Depreciation Key:  2498 CC P&M Straightline 9.5% US GAAP

Useful Life:  /

Exp. Useful Life:  /

Changeover year:  /

Units Depreciated:

Start of Calculation

Ord.dep.start date:

Additional Specifications

Variable dep.portion:

Scrap value:  USD

Scrap Value %:

Give 5% Scrap value   Same in 01 and 30 areas

Additional Specifications

Variable dep.portion:

Scrap value:  USD

Scrap Value %:

Click save ; Asset 200000 is created

