



SAP

ASSET ACCOUNTING

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SAP ASSET ACCOUNTING

Configuration Document

Step by step customization/configuration instructions related to Asset Accounting submodule in SAP FI. Following are headlines from the document;

- **Organizational Structures Configuration**

In this section features of the Asset Accounting organizational objects (chart of depreciation, FI company code, asset class) are defined. All assets in the system are assigned to these organizational objects that you defined.

- **Integration with General Ledger A090**

The system settings and entries you make in this section are required for the integration of Asset Accounting with the General Ledger

- **Valuation Configuration**

In this section, all configurations that have to do with the valuation of fixed assets are made. We define and manage all valuation and depreciation parameters in the chart of depreciation

- **Depreciation Configuration**

The settings for fixed assets depreciation are defined in this section.

- **Special Valuation Configuration**
- **Master Data Configuration**
- **Transaction Types Configuration**

Click on below mentioned link to view full SAP Asset Accounting configuration Document

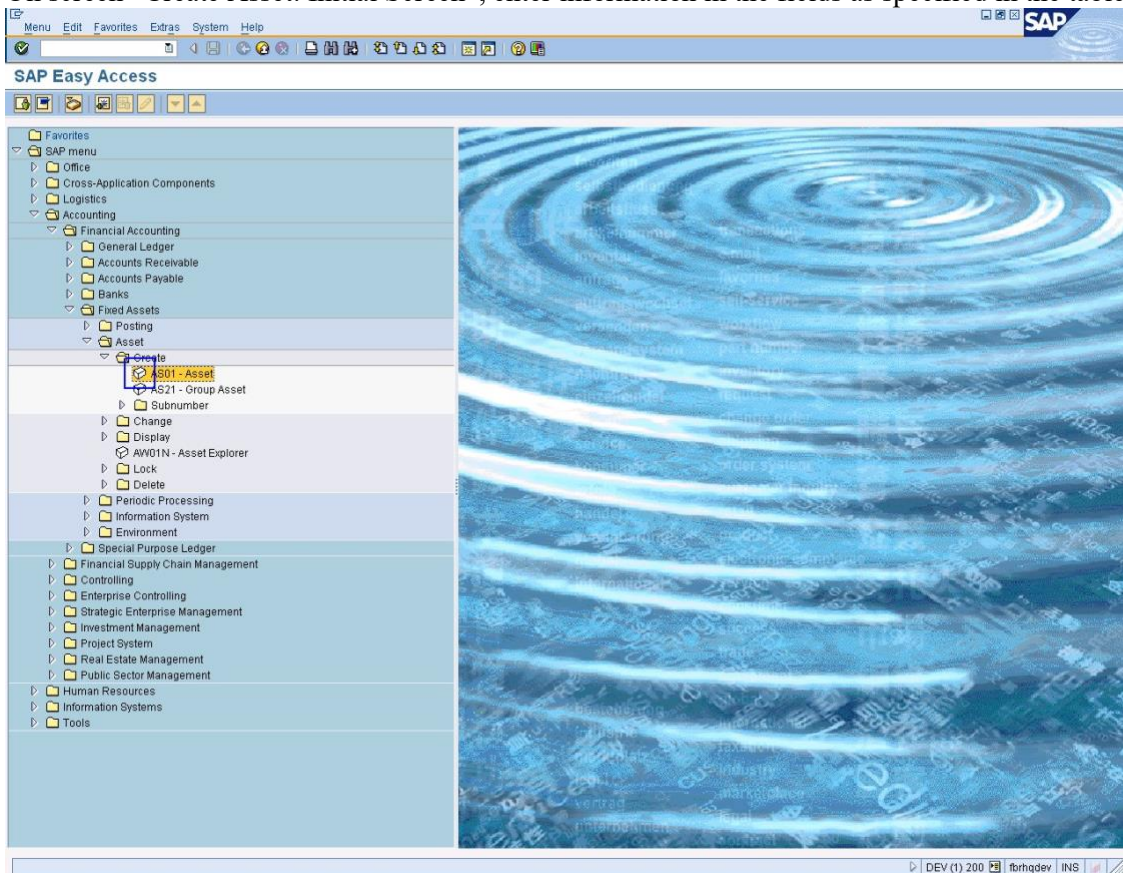
ASSETS MASTER DATA PROCESSING

Create asset

Access transaction by:

Via Menus	Accounting → Financial Accounting → Fixed assets → Asset → Create → Asset
Via Transaction Code	AS01

On screen “Create Asset: Initial Screen”, enter information in the fields as specified in the table below:



Asset Edit Goto Extras Environment Settings System Help

Asset Class: []

Company Code: FBR

Number of similar assets: 1

Reference

Asset: []

Sub-number: []

Company code: []

Post-capitalization

Field Name	Description	R/O/C	Comments
Asset class	Classification of the asset	R	Use drill-down to locate the asset class
Company code	Enter "FBR"	R	
Field Name	Description	R/O/C	Comments
Number of similar assets	Number of similar assets that you want to create in the system when you save.	O	This function enables you to create multiple similar assets in one master transaction. These assets initially only differ in their asset numbers. When you save, you can also enter a description and inventory number for each individual record.
Reference: Asset Sub-number Company code	The reference asset that you are copying from	O	

Press <Enter> or click on



Asset Edit Goto Extras Environment Settings System Help

Create Asset: Master data

Asset values

Asset: INTERN-00001 0 OFFICE/COMPUTER EQUIPMENT
 Class: 7000 Office/Computer Equi Company Code: FBR

General Time-dependent Allocations Origin Leasing Deprec. Areas

General data

Description: OFFICE/COMPUTER EQUIPMENT

Asset main no. text: OFFICE/COMPUTER EQUIPMENT

Acct determination: 70000 Office/Computer Equipments

Serial number: []

Inventory number: []

Quantity: []

Manage historically

Inventory

Last inventory on: [] Include asset in inventory list

Inventory note: []

Posting information

Capitalized on: [] Deactivation on: []

First acquisition on: []

Acquisition year: [] 000

On screen “Create Asset: Master Data”, enter information in the fields as specified in the table below:

Field Name	Description	R/O/C	Comments
Description	The description of the asset	R	
Asset main no text	One line description of the asset. It will appear in reporting.	O	If leave blank, the first line of description will be copied over to this field.
Serial Number	Enter the manufacturer Number	O	
Inventory no	You must enter an inventory number for the asset. The inventory is output in the standard inventory list for Asset Accounting (Information System).	O	
Last inventory on	You can enter the date of the last inventory.	O	This field is for information only
Include assets in inventory list.	Set this indicator if you want this asset to be counted in a physical inventory check.	O	This indicator ensures that this asset is included in the standard inventory list of Asset Accounting. Asset without this

			indicators are not output by the report.
Inventories note	Supplementary information for the analysis of physical inventory	O	Enter the Asset Phase, such as phase 5. usually use for Network Asset in our scenario
Posting information			
Capitalized on	The capitalization date is the value date of an asset.		The field will be automatically updated upon acquisition posting.
First acquisition on	The system automatically sets the asset value date of the first acquisition posting in this field.		The field will be automatically updated upon acquisition posting.
Acquisition year	The system enters the fiscal year of the first acquisition posting in this field.		The field will be automatically updated upon acquisition posting.
Deactivation on	The system enters the asset value date of the retirement posting for a full retirement in this field.	O	Once an asset has been deactivated, you can no longer post to the asset (with one exception: posting a reversal of the last retirement). In order for you to be able to make correction postings after an asset has been deactivated, you can also manually change the deactivation date in the asset master record.

Click on <Time-dependent> tab.

You will be prompted with the following screen:

Field Name	Description	R/O/C	Comments
Business area	This field must be left blank as the business area will be default through cost center	R	
Cost center	This is the cost center where the depreciation expenses of the asset will be charged.	R	Use drill-down to locate the cost center
Location	Used in selection criteria in reporting.	O	
Room	Used in selection criteria in reporting.	O	

Click on <Allocation> tab.

You will be prompted with the following screen:

The screenshot shows the 'Create Asset: Master data' window with the 'Allocations' tab active. The 'Allocations' section contains the following data:

Evaluation group	Value	Description
Evaluation group 1	0001	Computer
Evaluation group 2	0002	Laptops
Evaluation group 3	[Dropdown]	
Evaluation group 4		
Evaluation group 5		

Other fields in the form include: Asset (INTERN-00001), Class (7000), Office/Computer Equip, and Company Code (FBR).

	Description	R/O/C	Comments
Evaluation Group 1	You can select Evaluation Group from list	O	This field is for information & report purpose only
Evaluation Group 2	You can select Evaluation Group from list	O	This field is for information & report purpose only
Evaluation Group 5	You can select Evaluation Group from list	O	This field is for information & report purpose only

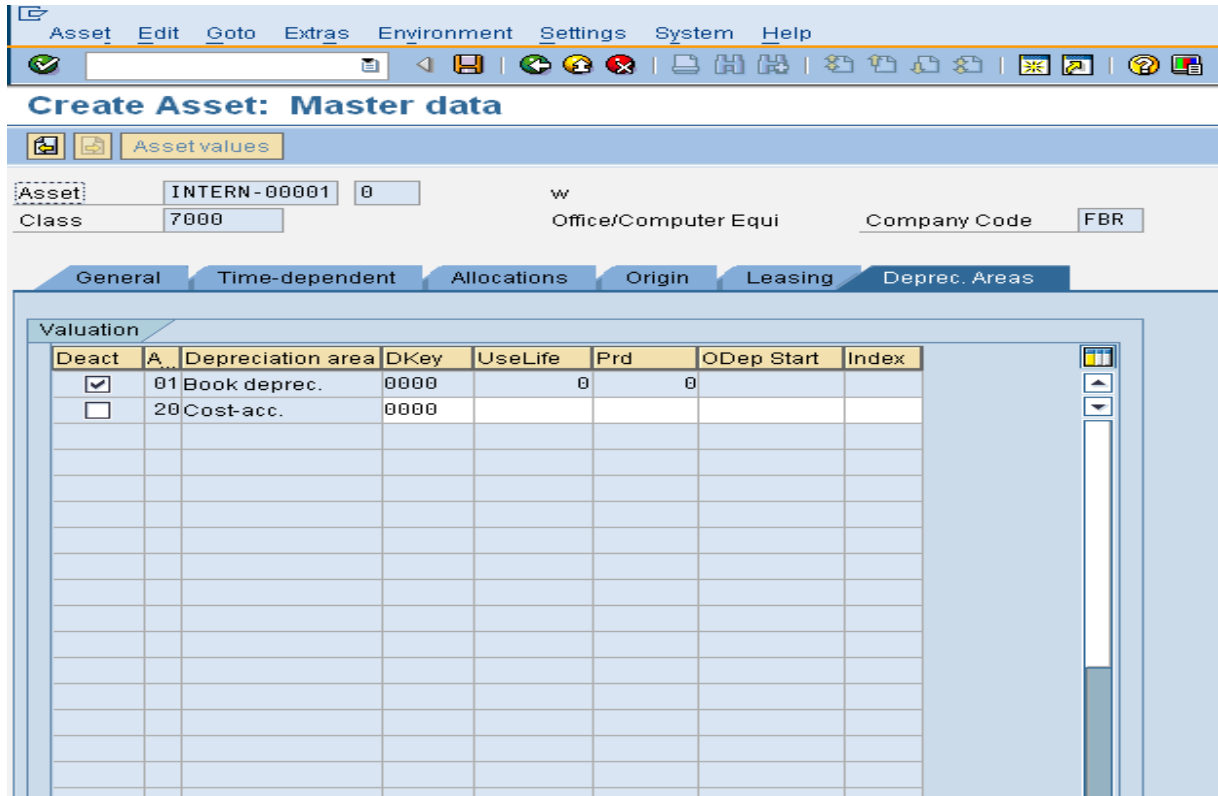
Click on <Origin> tab.

You will be prompted with the following screen:

The screenshot shows the 'Create Asset: Master data' window. At the top, there is a menu bar with 'Asset', 'Edit', 'Goto', 'Extras', 'Environment', 'Settings', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title is 'Create Asset: Master data'. Underneath, there are two tabs: 'Asset values' and 'Asset values'. The 'Asset values' tab is active, showing fields for 'Asset' (INTERN-00001), 'Class' (7000), 'OFFICE/COMPUTER EQUIPMENT', 'Office/Computer Equi', and 'Company Code' (FBR). Below this, there are several tabs: 'General', 'Time-dependent', 'Allocations', 'Origin', 'Leasing', and 'Deprec. Areas'. The 'Origin' tab is selected and highlighted with a blue box. The 'Origin' tab contains the following fields: 'Vendor' (with a lock icon), 'Manufacturer', 'Asset purch. new' (checkbox), 'Purchased used' (checkbox), 'Trading Partner', 'Country of origin', 'Type name', 'Original asset', 'Acq. on', 'Orig. Acquis. Year', 'Original value' (with 'PKR' next to it), and 'In-house prod.perc.'.


	Description	R/O/C	Comments
Vendor	You can enter vendor number	O	This field is for information only
Asset Purchased New	Set this indicator if the asset was purchased new (not used)..	O	This field is for information only
Purchased Used	Set this indicator, if this asset was second-hand when it was acquired (not new).	O	This field is for information only

Click on <Depreciation areas>



Field Name		Description	R/O/C	Comments
Book depreciation	DepKy	Depreciation key for accounting purposes. The default depreciation key will be displayed.	O	The depreciation key is defaulted for each asset class in IMG.
	Usefl. life	Useful life (in years) over which the asset is to be used and depreciated according to book/accounting rate. The default useful life will be displayed.	O	The useful life is defaulted for each asset class in IMG.
	Per	The time period (in month) over which the asset is to be used and depreciated.	O	
	O.dep.start	The start date of depreciation calculation.	O	As a general rule, the system determines the depreciation start date from the asset value date of the first acquisition posting. However, you can also manually enter a calendar date in the asset master record for the start of depreciation. In that case, the system ignores the asset value date of the acquisition posting. But in PTML, this scenario is not practical that user generally changed this date.

Cost. Acc.	Depky	Depreciation key for tax purposes. The default depreciation key will be displayed.	O	The depreciation key is defaulted for each asset class in configuration.
	Usefl. life	Useful life (in years) over which the asset is to be used and depreciated according to tax rate. The default useful life will be displayed.	O	The useful life is defaulted for each asset class in IMG.
	Per	The time period (in month) over which the asset is to be used and depreciated.	O	
	O.dep.start	The start date of depreciation calculation.	O	As a general rule, the system determines the depreciation start date from the asset value date of the first acquisition posting. However, you can also manually enter a calendar date in the asset master record for the start of depreciation. In that case, the system ignores the asset value date of the acquisition posting. But in PTML, this scenario is not practical that user generally changed this date.

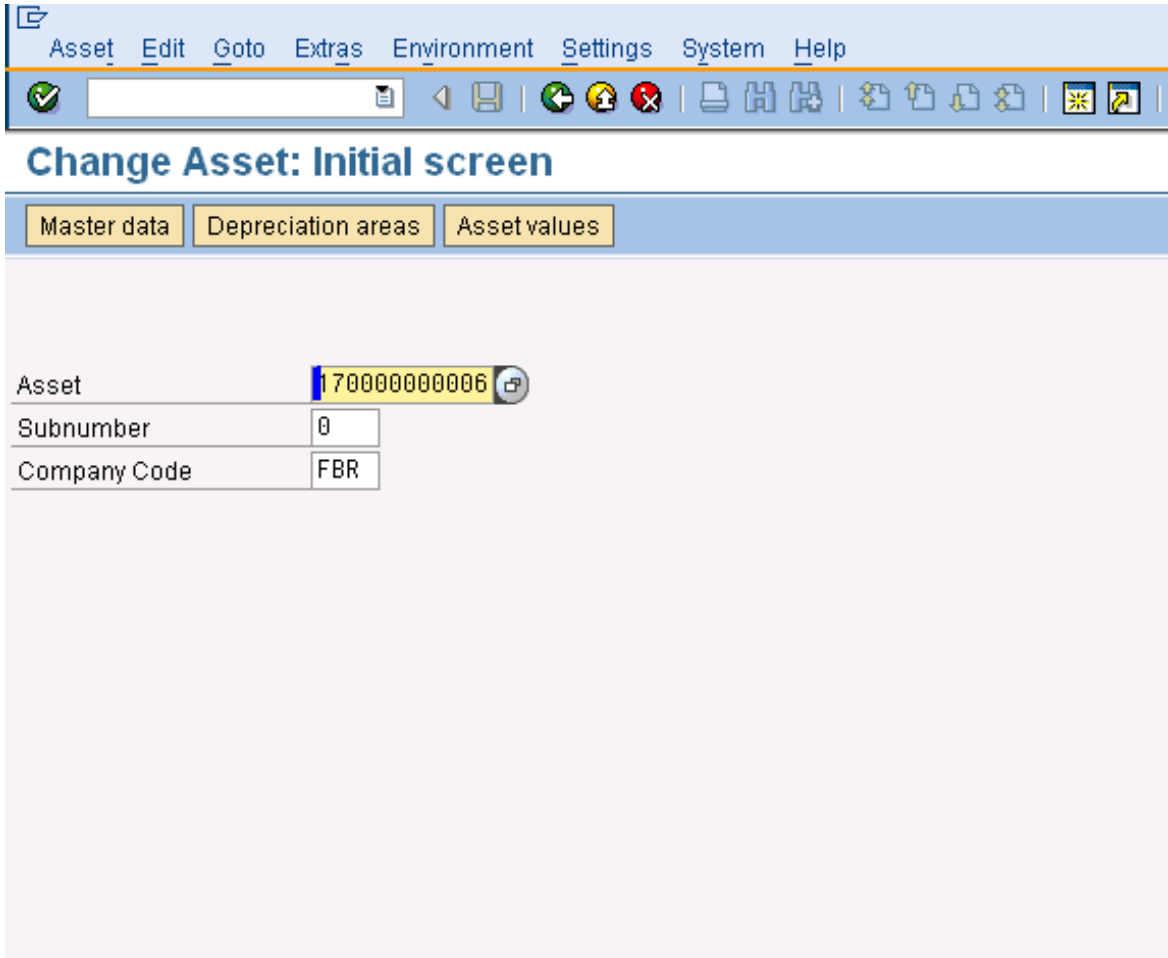
Click on  to save the asset. The system will assign an asset number.

Change asset master


Access transaction by:

Via Menus	Accounting→Financial Accounting→Fixed Assets→Asset→Change→ Asset
Via Transaction Code	AS02

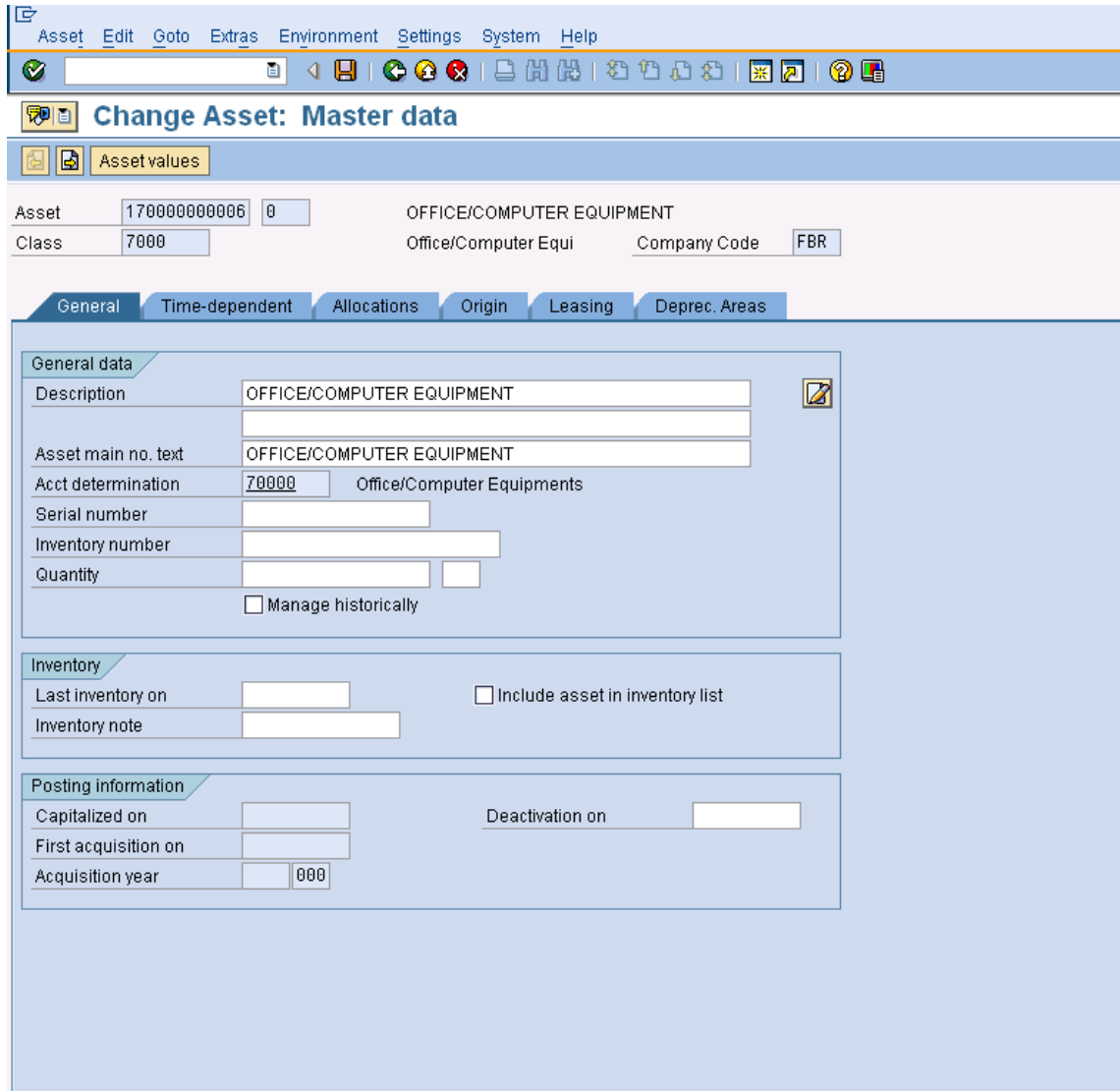
On screen “Change Asset: Initial Screen”, enter information in the fields as specified in the table below:



Field Name	Description	R/O/C	Comments
Asset	The asset main number to be changed.	R	
Sub-number	The asset sub-number to be changed.	O	No need to enter any number in this field. The system will default zero
Company code	Enter “FBR”	R	

Press <Enter> or click on 

You will be prompted with the following screen:



Asset 1700000000006 0 OFFICE/COMPUTER EQUIPMENT
Class 7000 Office/Computer Equi Company Code FBR

General Time-dependent Allocations Origin Leasing Deprec. Areas

General data

Description OFFICE/COMPUTER EQUIPMENT

Asset main no. text OFFICE/COMPUTER EQUIPMENT

Acct determination 70000 Office/Computer Equipments

Serial number

Inventory number

Quantity Manage historically

Inventory

Last inventory on Include asset in inventory list

Inventory note

Posting information

Capitalized on Deactivation on

First acquisition on

Acquisition year 000

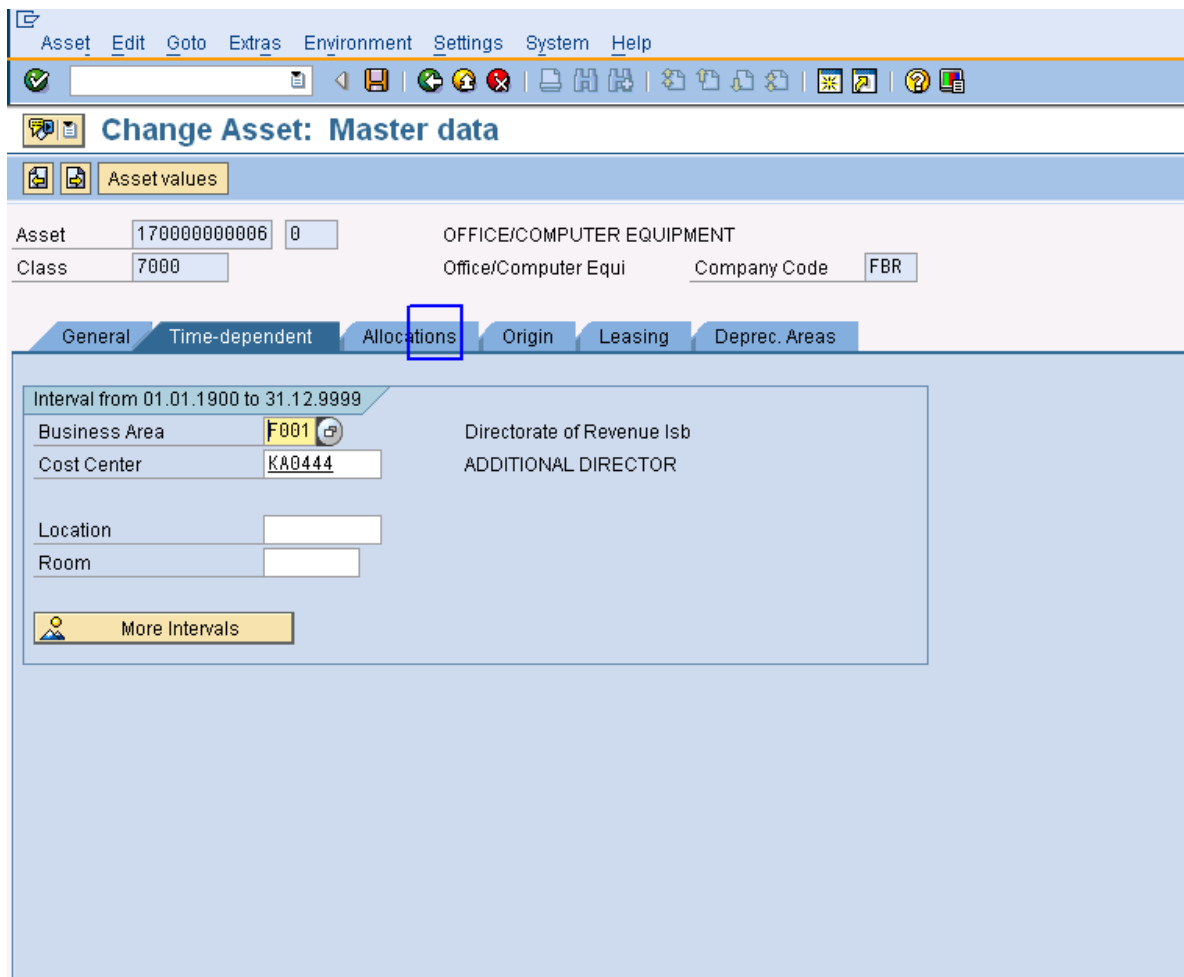
Change the required data by overwriting it or adding to it.

Note that you can change the assignment of cost center/location using this function.

Changes of cost center

To change the assignment of cost center, click <Time-dependent> tab.

You will be prompted with the following screen:




The screenshot shows the SAP 'Change Asset: Master data' window with the 'Allocations' tab selected. The window title bar includes 'Asset Edit Goto Extras Environment Settings System Help'. Below the title bar is a toolbar with various icons. The main content area is divided into several sections:

- Asset values:** A button labeled 'Asset values' is visible.
- Asset Data:** Fields for 'Asset' (17000000000000000000), 'Class' (7000), 'Office/Computer Equipment', 'Office/Computer Equi', and 'Company Code' (FBR).
- Navigation Tabs:** 'General', 'Time-dependent', 'Allocations' (highlighted with a blue box), 'Origin', 'Leasing', and 'Deprec. Areas'.
- Interval Information:** A box titled 'Interval from 01.01.1900 to 31.12.9999' containing:
 - Business Area:** F001 (with a dropdown arrow) and 'Directorate of Revenue Isb'.
 - Cost Center:** KA0444 and 'ADDITIONAL DIRECTOR'.
 - Location:** An empty text field.
 - Room:** An empty text field.
- More Intervals:** A button labeled 'More Intervals' with a magnifying glass icon.

Change the cost number

Press <Enter>

Click on  to save the changes


Display asset master

Access transaction by:

Via Menus	Accounting→Financial Accounting→Fixed Assets→Asset→Display→ Asset
Via Transaction Code	AS03

On screen “Display Asset: Initial Screen”, enter information in the fields as specified in the table below:

Field Name	Description	R/O/C	Comments
Asset	The asset main number to be displayed.	R	A number can be choose by using drop down function
Sub-number	The asset sub-number to be displayed.	O	Default value Zero
Company code	Enter “FBR”	R	

Press <Enter> or click on 

To display asset master

Asset Edit Goto Extras Environment Settings System Help

Asset values

Asset: Next tab page (F6) 5 0 laptop
Class 7000 Office/Computer Equi Company Code FBR

General Time-dependent Allocations Origin Leasing Deprec. Areas

General data

Description	laptop	
Asset main no. text	laptop	
Acct determination	70000	Office/Computer Equipments
Serial number		
Inventory number		
Quantity	0.000	<input type="checkbox"/>
	<input type="checkbox"/> Manage historically	

Inventory

Last inventory on		<input type="checkbox"/> Include asset in inventory list
Inventory note		

Posting information

Capitalized on		Deactivation on	
First acquisition on			
Acquisition year		000	

To view changes made to the asset master record

On screen “Display Asset: Initial Screen”, go to: Environment→Change Documents →on Asset.

You will be prompted with the following screen:

The screenshot shows the SAP 'Display Change Documents' interface. At the top, there is a menu bar with 'Change Document', 'Edit', 'Goto', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title is 'Display Change Documents'. The content area displays the following information:

Asset Master Record
Display Change Documents

CoCode FBR
Asset 1700000000005
Subnumber 0000

09.02.2010 15:33:38

Below this information is another toolbar with icons. A table displays the change documents:

Date //Time / Business Transaction / Changer // Object Value	EnhObjVal	AttrDescr	New Value	Old Value
04.02.2010				
18:36:30 / Create Asset Master Record / ADEEL				
Asset: 1700000000005-0 laptop			*** Created ***	

To view asset values

On screen “Display Asset: Initial Screen”, click on **Asset values**. (Assuming that this asset is already capitalized, if this asset does not have any balance than definitely it will not show you any value)

You will be prompted with the following screen:

The screenshot shows the SAP Asset Explorer interface. The main window displays the 'Planned values Book depreciation' table for asset FBR-170000000005/0000. The table has the following data:

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions		1,000,000.00	1,000,000.00	PKR
Investment support				PKR
Acquisition value		1,000,000.00	1,000,000.00	PKR
Ordinary deprec.				PKR
Unplanned dep.				PKR
Write-ups				PKR
Value adjustment				PKR
Net book value		1,000,000.00	1,000,000.00	PKR
Down payments				PKR
Scrap value				PKR

Below the table is the 'Transactions' section, which contains one transaction:

AssetValDate	Amount	TType	Transaction type name	Crcy
20.01.2010	1,000,000.00	100	External asset acquisition	PKR

Annotations in the image include:

- An orange oval pointing to the first row of the 'Planned values Book depreciation' table with the text: **Highlight this first**
- An orange oval pointing to the 'Transactions' table with the text: **Click here if you wish to see the actual document by choosing a transaction**

This report can be accessed through asset explorer (T. Code AW01N)

ASSET ACCOUNTING- BUSINESS TRANSACTIONS

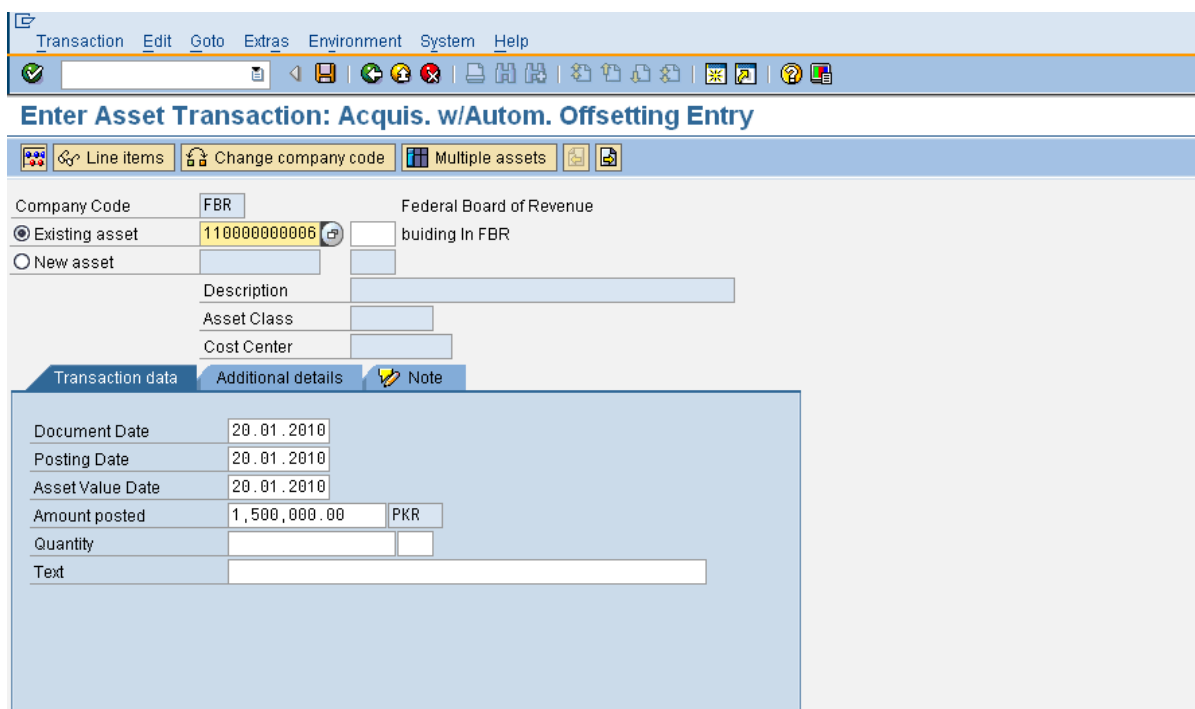
Asset Acquisition (Capitalization of Asset)

Overview

Use this procedure to acquire asset from FI module

Access transaction by:

Via Menus	Accounting → Financial Accounting → Fixed assets → Posting → Acquisition → External Acquisition → Acquis. W/Autom. Offsetting Entry With Customer
Via Transaction Code	ABZON



The screenshot shows the SAP 'Enter Asset Transaction' screen for 'Acquis. w/Autom. Offsetting Entry'. The interface includes a menu bar (Transaction, Edit, Goto, Extras, Environment, System, Help) and a toolbar with various icons. Below the title bar, there are buttons for 'Line items', 'Change company code', and 'Multiple assets'. The main form contains the following fields:

- Company Code:** FBR (Federal Board of Revenue)
- Existing asset:** 110000000006 (building In FBR)
- New asset:** (empty)
- Description:** (empty)
- Asset Class:** (empty)
- Cost Center:** (empty)

At the bottom, there are three tabs: 'Transaction data', 'Additional details', and 'Note'. The 'Transaction data' tab is active, showing the following information:

Document Date	20.01.2010
Posting Date	20.01.2010
Asset Value Date	20.01.2010
Amount posted	1,500,000.00 PKR
Quantity	
Text	

Field Name	Description	R/O/C	Comments
Header Information			
Doc. date	Source document date.	R	Enter a document date.
Posting Date	Date for posting a document to financial accounting. This will determine which fiscal period (also known as posting period) the transaction is recognized	R	
Assets value	The asset value date is the value date for Asset	R	

Date	Accounting. It can deviate from the posting and document date and be in posting periods already closed for Financial Accounting. However, the posting year and asset value date year must be the same.		
Amount Posted	Assets Amount	R	
Qty	Quantity	O	

Click on this  link to see header info (Accounting Information)

Transaction Edit Goto Settings System Help

Enter Asset Transaction: Acquis. w/Autom. Offsetting Entry

Choose Save Additional account assignment Line items Display currency

Document Header Info

Document Date: 20.01.2010 Document Type: AA Company Code: FBR
 Posting Date: 20.01.2010 Period: 07 Fiscal Year: 2009

Line items

Itm	PK	BusA	G/L Account	Short Text	Amount	Crcy
1	70	F001	F03101	110000000006 0000	1,500,000.00	PKR
2	50	F001	H01101	Residual Equity	1,500,000.00-	PKR
					0.00	PKR

<Verify the entries and press save>

Periodic Processing

Depreciation Run

Overview

Use this procedure to execute depreciation run. Depreciation run is a centralized activity and executed at the end of the month. Make sure to only a user who has authorization of posting in both business areas KHI/SKP.

Access transaction by:

Via Menus	Accounting→Financial Accounting→Periodic Processing→Depreciation run
Via Transaction Code	AFAB

“Depreciation Posting Run Screen”

Parameter

Company Code: FBR
 Fiscal year: 2009
 Posting Period: [Calendar icon]

Reason for posting run

Planned posting run
 Repeat
 Restart
 Unplanned posting run

Further options

List assets
 List of manual depreciation
 Layout: [Input field]
 Server Group: [Input field]


Parameters for Test Run

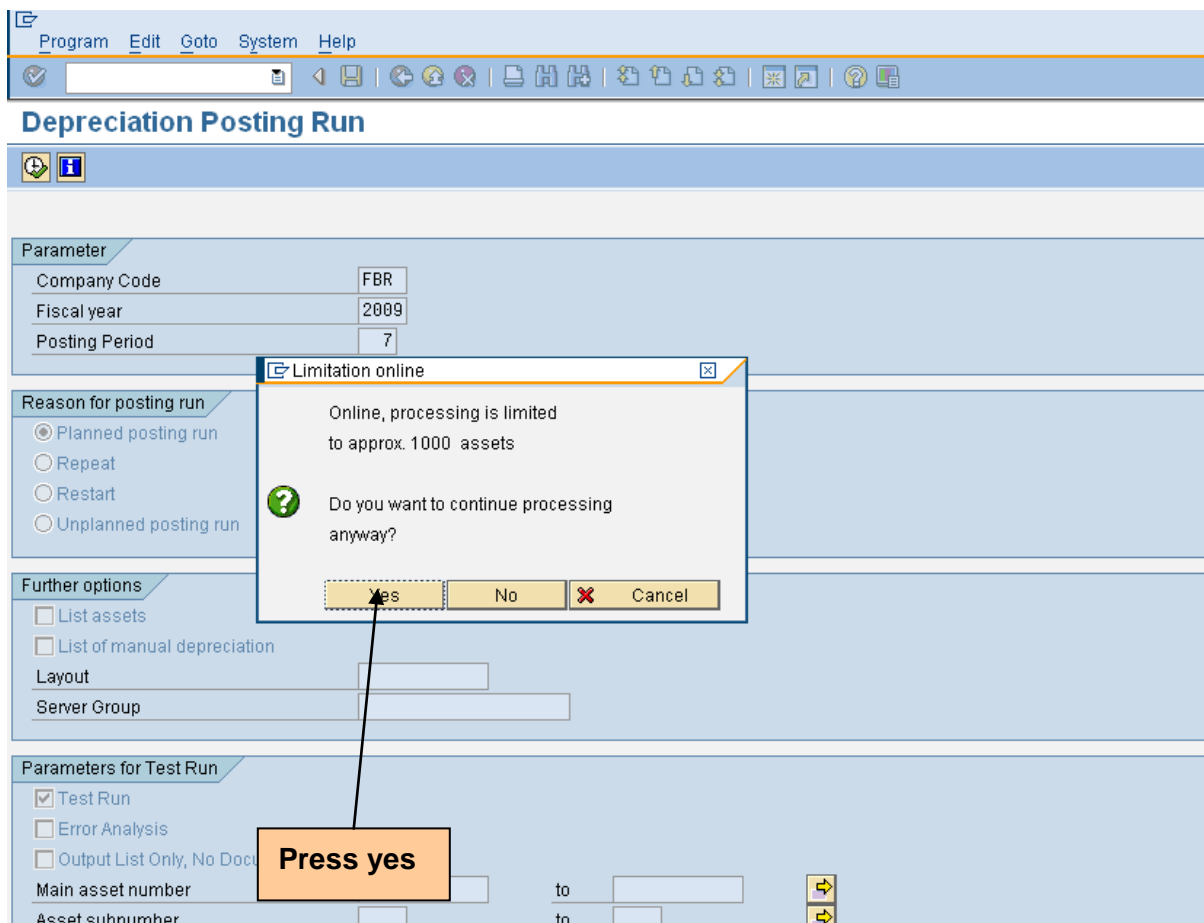
Test Run
 Error Analysis
 Output List Only, No Documents
 Main asset number: [Input field] to [Input field]
 Asset subnumber: [Input field] to [Input field]

Callout boxes:

- If you want to execute a repeat run (points to Repeat radio button)
- Mark the indicator on (points to Test Run checkbox)

Field Name	Description	R/O/C	Comments
Company Code	Enter Company Code FBR	R	
Fiscal Year	Enter the fiscal year of the depreciation	R	
Period	Enter the period for the depreciation run	R	
Planned Depreciation	Mark this indicator on if the depreciation run is executed first time for the period	R	
Repeat Run	Mark the indicator on if repeat run to be executed	O	
Test Run	Make sure to mark the indicator on before actual run	O	

<Press F8  >



The screenshot shows the SAP 'Depreciation Posting Run' dialog box. The 'Parameter' section is filled with 'Company Code: FBR', 'Fiscal year: 2009', and 'Posting Period: 7'. Under 'Reason for posting run', 'Planned posting run' is selected. The 'Further options' section has 'List assets' and 'List of manual depreciation' unchecked. The 'Parameters for Test Run' section has 'Test Run' checked. A modal dialog box titled 'Limitation online' is displayed in the foreground, containing the text: 'Online, processing is limited to approx. 1000 assets. Do you want to continue processing anyway?'. The 'Yes' button in this dialog is highlighted with a red dashed border. A callout box with the text 'Press yes' points to this button. The background dialog has buttons for 'Yes', 'No', and 'Cancel' at the bottom.

Depreciation Posting Run for company code 1200

Posting date : 31.12.2007 Date created: 01.01.2008 Period: 2008/006/01

Asset	SNo.	Acct.det	BusA	Cost Center	Int. order	Name	Ref. Document	Description	Plan.Amt	Amt Posted	Amount TBP	Cumul.Amt	Cry
110000018	0	7001	1201	550010002	102	Internal test-Transfer1		Ordinary deprec.	70,744	0	10,106	10,106	PKR
110000019	0			550010002	102	Internal test-Transfer2			14,149	0	2,021	2,021	PKR
110000020	0			550010002	102	Internal test-Transfer3			21,223	0	3,032	3,032	PKR
110000021	0		1202	330460103	304	Spare-Tool			2,750	8,217	6,842	1,375	PKR
110000023	0			330460103	304	PM			1,547,777	520,113	253,776	773,889	PKR
110000024	0			330460103	304	Tools			2,175,482	731,046	356,695	1,087,741	PKR
110000025	0			330460103	304	VPN 2			2,169,943	741,189	343,783	1,084,972	PKR
110000026	0			330460103	304	SS7 CPU			66,584	22,743	10,549	33,292	PKR
110000027	0			330460103	304	Scanners			12,825	4,469	1,944	6,413	PKR
110000028	0			330460103	304	Services			840,449	287,073	133,152	420,225	PKR
110000029	0			330460103	304	Software			112,371	38,448	17,738	56,186	PKR
110000030	0			330460103	304	Software			789,914	269,825	125,132	394,957	PKR
110000031	0			330460103	304	Geozone 3			2,169,943	741,189	343,783	1,084,972	PKR
110000032	0			330460103	304	Prepaid 2			1,727,011	589,897	273,609	863,506	PKR
110000033	0			330460103	304	it foregin			1,256,645	422,281	206,042	628,323	PKR
110000034	0			330460103	304	SCSI Board			33,420	11,415	5,295	16,710	PKR
110000035	0			330460103	304	CKS Desktop			115,279	40,166	17,474	57,640	PKR
110000036	0			330460103	304	SMS Link X.6			56,557	19,318	8,961	28,279	PKR
110000037	0			330460103	304	Interface Kit			49,947	17,061	7,913	24,974	PKR
110000041	0			330460103	304	Laser Printers			85,277	29,713	12,926	42,639	PKR
110000042	0			330460103	304	NCR4400 Server			131,289	45,745	19,900	65,645	PKR
110000043	0			330460103	304	UPS Upgradation			380,906	132,718	57,735	190,453	PKR
110000044	0			330460103	304	8 Port Vpro card			136,220	46,529	21,581	68,110	PKR
110000045	0			330460103	304	Atis Car Handler			76,057	25,979	12,050	38,029	PKR
110000046	0			330460103	304	Atis Car Handler			76,057	25,979	12,050	38,029	PKR
110000047	0			330460103	304	HP LaserJet 1100			89,526	31,193	13,570	44,763	PKR
110000048	0			330460103	304	NetworkEquipment			214,431	73,244	33,972	107,216	PKR
110000049	0			330460103	304	Voice Disk (4GB)			165,949	56,683	26,292	82,975	PKR
110000050	0			330460103	304	40G Fabric Module			113,262	38,060	18,571	56,631	PKR

● TESTRUN completed successfully
 ● 2 documents were created

Test run completed successfully. Press f3 or green arrow.

Program Edit Goto System Help

Execute F8
Execute and Print Ctrl+P
Execute in Background F9
Exit Shift+F3

Go to program and click on Execute in Background

Parameter

Company Code
Fiscal year
Posting Period 6

Reason for posting run

Planned posting run
 Repeat
 Restart
 Unplanned posting run

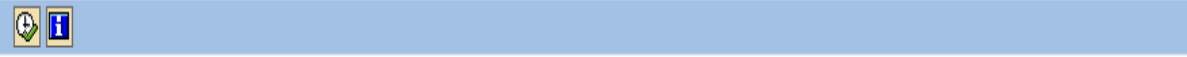
Further options

List assets
 List of manual depreciation
Layout
Server Group

Parameters for Test Run

Test Run
 Error Analysis
 Output List Only, No Documents
Main asset number to
Asset subnumber to

Depreciation Posting Run



Parameter

Company Code _____

Fiscal year _____

Posting Period

Enter the Printer name

Reason for posting run

Planned posting run

Repeat

Restart

Unplanned posting run

Background Print Parameters

Output Device

Number of copies

Number of pages

Print all

Print from page To

Properties

Empty area with two right-pointing arrows at the bottom.

Depreciation Posting Run

Start Time [Close]

Immediate | Date/Time | After job | After event | At operation mode | >>

Press Immediate

Immediate start

After job | At operation mode

After event

Periodic job

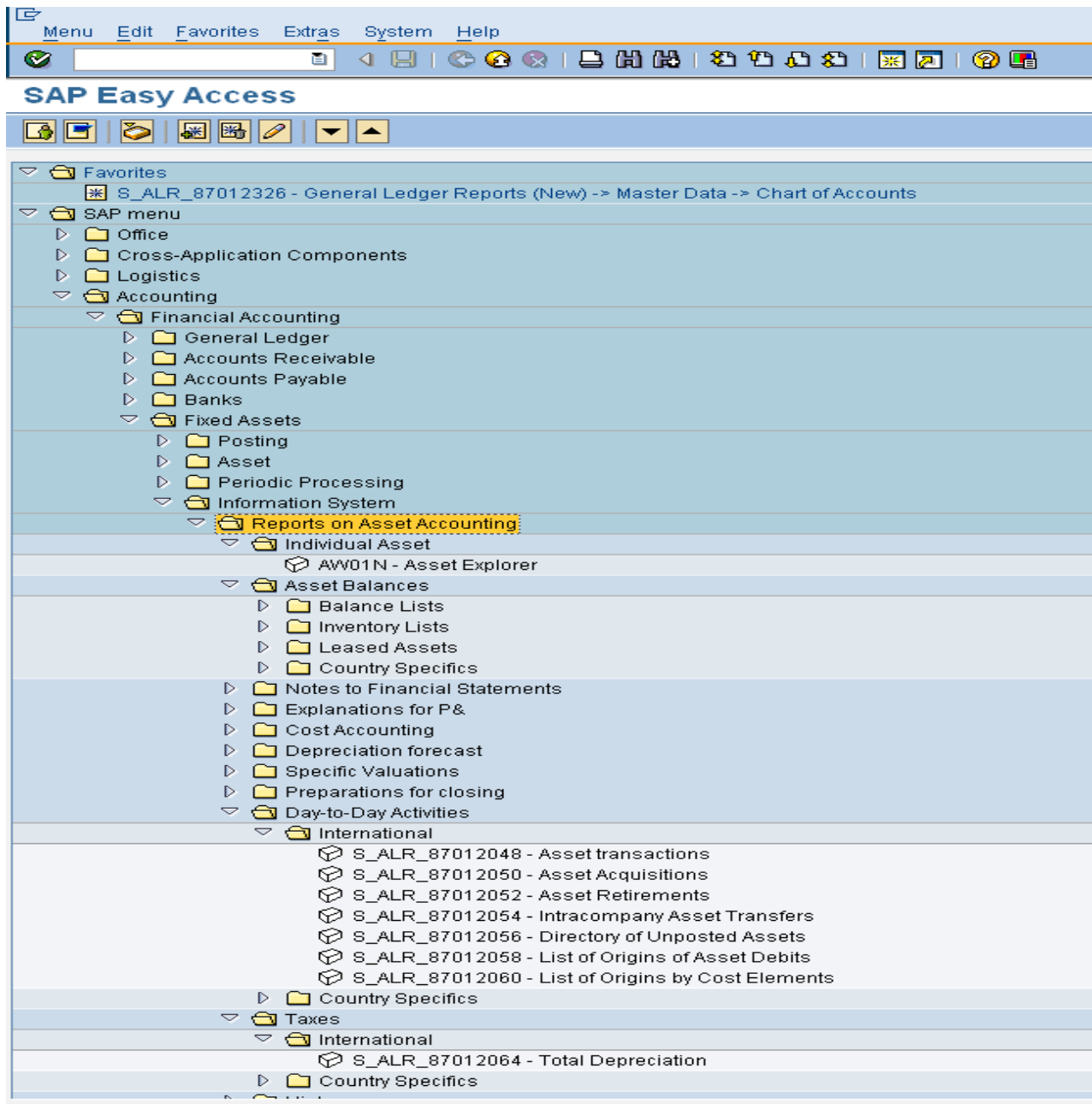
Check | Period values | Restrictions |

Asset subnumber _____ to _____

CLICK SAVE

ASSET ACCOUNTING INFORMATION SYSTEMS

Standard Sap Reports



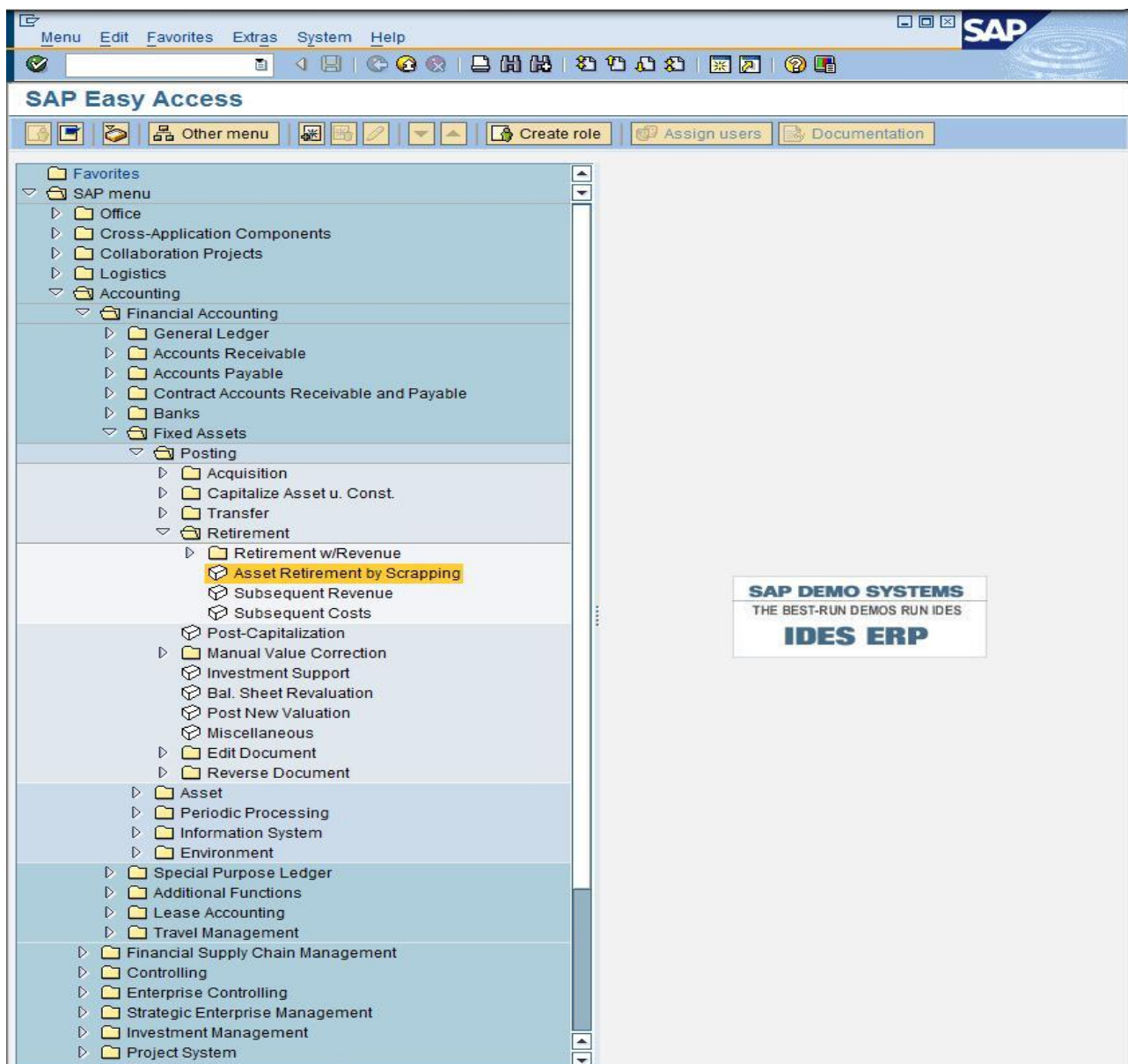
ASSET RETIREMENT

Overview

The following paragraphs and pictures will describe in steps of an asset retirement and the functionality of the main fields and buttons.

Asset Retirement with transaction code ABAVN

To retire an asset, go to Navigation: **SAP Easy Access -> SAP Menu -> Accounting -> Financial accounting -> Fixed Asset -> Posting -> Retirement -> Asset Retirement by Scrapping**. Alternatively: Transaction code **ABAVN**



- 1) Fill out Field *Asset* with your asset number already created and with postings (*press enter*)
- 2) Fill out Fields *Document Date*, *Posting date* and *Asset Values* (it cannot be a date prior to this asset capitalization date).

Transaction Edit Goto Extras Environment System Help

Enter Asset Transaction: Asset Retirement by Scrapping

Line items Change company code Multiple assets

Company Code ZSA0 IDES AG
 Asset 2031 0 description asset

Transaction data Additional details Partial retirement Note

Document Date 01.07.2011
 Posting Date 01.07.2011
 Asset value date 01.07.2011
 Text

- 3) If you press Line items , you will see the values generated for each depreciation area.

Enter Asset Transaction: Asset Retirement by Scrapping

Assets posted(1)

Co...	Asset	SNo.	BusA	Acct.determ	Asset description
Z...	2031	0	0001	20000	description asset

Asset line items:000000002031-0000

A	AsstVal date	TT...	Amount posted	P	Prop.ord.dep.CY.	Loss	Net book value
	01.07.2011	250	12.000,00-	✓	600,00	11.400,00	11.400,00
2	01.07.2011	250	12.000,00-	✓	600,00	11.400,00	11.400,00
4	01.07.2011	250	5.400,00-	✓	270,00	5.130,00	5.130,00
5	01.07.2011	250	5.400,00-	✓	270,00	5.130,00	5.130,00
7	01.07.2011	250	4.126,69-	✓	206,69	3.920,00	3.920,00
8	01.07.2011	250	4.126,69-	✓	206,69	3.920,00	3.920,00

4) If you press Simulate button you will see the accounts that will be credited and debited. In this case 11000, 11010 and 200010.

The screenshot shows the SAP 'Enter Asset Transaction: Asset Retirement by Scrapping' window. The document header information is as follows:

Document Date: 01.07.2011 Document Type: AA Company Code: ZSAO
 Posting Date: 01.07.2011 Period: 07 Fiscal Year: 2011

The line items table is as follows:


It...	P	BusA	G/L Account	Short Text	Amount	Crcy
1	75	0001	11000	000000002031 0000	12.000,00-	BRL
2	70	0001	11010	000000002031 0000	600,00	BRL
3	40	0001	200010	Loss on assets scrap	11.400,00	BRL
					0,00	BRL

5) Double clicking on each line item you can see all details of these transactions.

The screenshot shows the 'Details' window for the first line item. The details are as follows:

Group description	Cell Con...
Position	1
Posting Key	75
Company Code	ZSAO
Business Area	0001
G/L Account	11000
Short Text	000000002031 0000
Amount	12.000,00-
Currency	BRL
Debit/Credit Ind.	H
Reference Transact.	AMBU
Fiscal Year	2011
Posting Period	7
G/L Transaction Type	ABGA
Account Type	A
Cost Center	ZSAO
Asset	2031
Subnumber	0
Asset value date	01.07.2011
Transact type	250

Group description	Cell Con...
Position	2
Posting Key	70
Company Code	ZSAO
Business Area	0001
G/L Account	11010
Short Text	000000002031 0000
Amount	600,00
Currency	BRL
Debit/Credit Ind.	S
Reference Transact.	AMBU
Fiscal Year	2011
Posting Period	7
G/L Transaction Type	ABGA
Account Type	A
Cost Center	ZSAO
Asset	2031
Subnumber	0
Asset value date	01.07.2011
Transact. type	290



Group description	Cell Content
Position	3
Posting Key	40
Company Code	ZSAO
Business Area	0001
G/L Account	200010
Short Text	Loss on assets scrap
Amount	11.400,00
Currency	BRL
Debit/Credit Ind.	S
Reference Transact.	AMBU
Fiscal Year	2011
Posting Period	7
G/L Transaction Type	ABGA
Account Type	S
Asset	2031
Subnumber	0



ASSET ACQUISITION-SAP

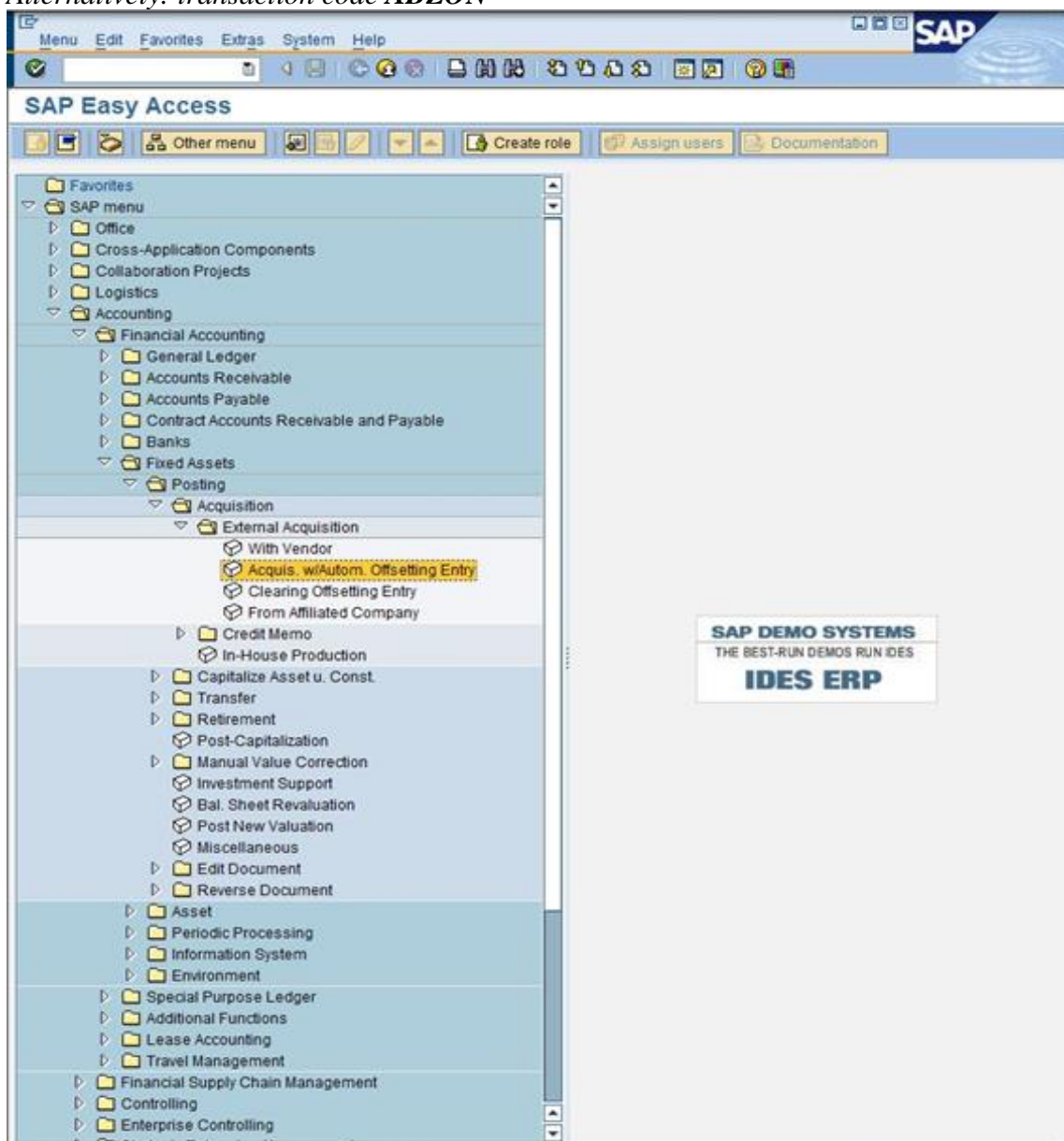
Overview

The following paragraphs and pictures will describe an EXAMPLE in steps of an asset acquisition and the functionality of the main fields and buttons.

Asset Acquisition with transaction code ABZON

To acquire an asset go to navigation: **SAP Easy Access -> SAP Menu -> Accounting -> Financial accounting -> Fixed Asset -> Posting -> Acquisition -> External Acquisition -> Acquis. w/Autom. Offsetting Entry.**

Alternatively: transaction code **ABZON**



- 1) Fill out Field *Existing asset* with an asset number already created. (*Press enter*)
- 2) Fill out Fields *Document Date*, *Posting date* and *Asset Values Date*.
- 3) Fill out Field *Amount Posted* with any amount.

Transaction Edit Goto Extras Environment System Help

Enter Asset Transaction: Acquis. w/Autom. Offsetting Entry

Line items Change company code Multiple assets

Company Code: ZSA0 IDES AG

Existing asset: 2031 0 description asset

New asset: []

Description: []

Asset Class: []

Cost Center: []

Transaction data Additional details Note

Document Date: 01.01.2011

Posting Date: 01.01.2011

Asset value date: 01.01.2011

Amount posted: 12.000,00 BRL

Quantity: []

Text: []

- 4) If you press *Line items* button, you will see the values generated for each depreciation area

Enter Asset Transaction: Acquis. w/Autom. Offsetting Entry

Assets posted(1)

Co...	Asset	SNo.	BusA	Acct.detrn	Asset description
Z...	2031	0	0001	20000	description asset

Asset line items:000000002031-0000

Area	AsstVal date	TT...	Amount posted	Currency	Crcy type
1	01.01.2011	100	12.000,00	BRL	10
20	01.01.2011	100	12.000,00	BRL	10
40	01.01.2011	100	5.400,00	USD	40
50	01.01.2011	100	5.400,00	USD	40
71	01.01.2011	100	4.126,69	EUR	60
81	01.01.20...	100	4.126,69	EUR	60

5) If you press *Simulate* button you will see the accounts that will be credited and debited. In this case 11000 and 199990.

The screenshot shows the SAP interface for 'Enter Asset Transaction: Acquis. w/Autom. Offsetting Entry'. The document header information is as follows:

Document Date: 01.01.2011 Document Type: AA Company Code: ZSAO
 Posting Date: 01.01.2011 Period: 01 Fiscal Year: 2011

The line items table is shown below:

It...	P	BusA	G/L Account	Short Text	Amount	Crcy
1	70	0001	11000	000000002031 0000	12.000,00	BRL
2	50	0001	199990	Clear asset acquis.	12.000,00-	BRL
					0,00	BRL

6) Double clicking on each line item you can see all details of these transactions.

The screenshot shows the 'Details' window for the first line item. The details are as follows:

Group description	Cell Con...
Position	1
Posting Key	70
Company Code	ZSAO
Business Area	0001
G/L Account	11000
Short Text	000000002031 0000
Amount	12.000,00
Currency	BRL
Debit/Credit Ind.	S
Reference Transact.	AMBU
Fiscal Year	2011
Posting Period	1
G/L Transaction Type	ZUGA
Account Type	A
Cost Center	ZSAO
Asset	2031
Subnumber	0
Asset value date	01.01.2011
Transact type	100



Group description	Cell Content
Position	2
Posting Key	50
Company Code	ZSAO
Business Area	0001
G/L Account	199990
Short Text	Clear asset acquis.
Amount	12.000,00-
Currency	BRL
Debit/Credit Ind.	H
Reference Transact.	AMBU
Fiscal Year	2011
Posting Period	1
G/L Transaction Type	ZUGA
Account Type	S



ASSET HISTORY SHEET

Report Scenario

In order to view all of the different types of asset activity for an asset, or a large number of assets (by company code or class), the asset history sheet allows you to uniquely map any particular transaction type to a specific field in the report. The main benefit of this is that it provides great visibility into the types of transactions that are being performed on the asset. Without this, different types of transactions might be posted to the asset but aggregated into a single figure.

As an example, consider an asset that has many asset transfers occurring where the asset is both the sender and a receiver. The asset received \$500 in transfers from another asset and also transfers \$300 to a series of other assets. In the delivered history sheet versions, the values for the transfers field would be a summation of these values to show a net \$200 positive transfer. But with a properly configured asset history sheet, you can great structures that highlight the Transfers-In and Transfers-Out values. The same is true if you want to provide more visibility to unique asset transactions such as Write-Ups and Unplanned Depreciation versus regular depreciation.

Report Execution

Menu Path: **Accounting > Financial Accounting > Fixed Assets > Information System > Reports on Asset Accounting > Notes to Financial Statements > International > Asset History Sheet**

Transaction: **AR02**

Program: RAGITT_ALV01

Selection Values:

- Usual report criteria such as...
 - Company Code
 - Asset Number
 - Asset Class
 - Depreciation Area
 - Sort version
 - Report List Level – This will determine whether the report output will be in a detailed fashion (i.e., list individual asset records) or summarized based on the sort version.
- History Sheet Version – see below for more information

Configuration

The configuration for this report requires three items:

1. Appropriate asset history sheet groups
2. Proper mapping of all transaction types to the asset history sheet group
3. A properly configured and “complete” asset history sheet version

The Asset History Version is the core of the Asset History Sheet report and determines how the asset accounting transaction data is displayed. Most importantly, it defines the column-and-row structure of the report output and how each type of asset activity (acquisitions, transfers in, transfers out, AUC settlement, etc.) is mapped to the appropriate field in the report. The History Sheet Version is completely customizable for each customer’s purposes.

IMG menu path: Financial Accounting > Asset Accounting > Information System > Asset History Sheet > Define Asset History Versions

1. SAP has supplied standard asset history versions. For the custom asset history version creation, we can copy the existing version & make required changes or create it from scratch.
2. Define 4 character asset history version identification code.
3. Asset History version can be defined in rows and columns. We can define maximum 8 rows and 10 columns. Row and Column ID is made up of two digit integers. There is a minimum of 1 row and 2 columns (00 and 99) required.
4. Typical Column Definition:
 1. 00 – Values at the start of FY
 2. 01 to 80 – Transactions during FY
 3. 99 – Values at the end of FY
5. Within each cell of the report you can map the asset history sheet groups to appear. Drilldown in order to maintain this.

AA – ASSET EXPLORER

Overview

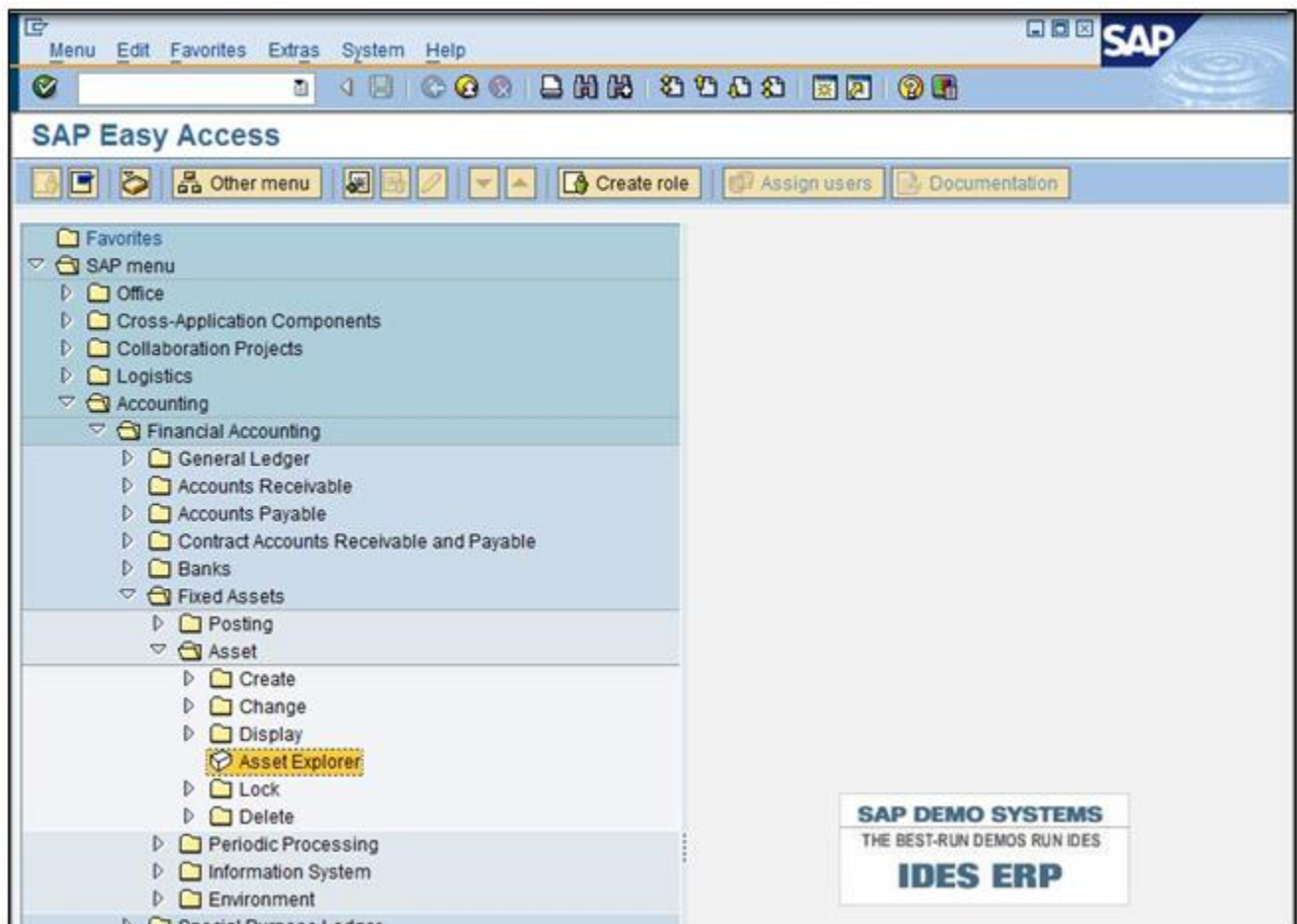
The following paragraphs and figures will describe with EXAMPLE the steps of how to explore an asset and the functionality of the main buttons.

In Asset Explorer by transaction code **AW01N**, we are able to display depreciation calculation. However, if system uses New depreciation calculation, to be able to simulate Old depreciation calculation, you need to use transaction code **AW01_AFAR**.

Exploring an asset with Transaction Code AW01n

Navigation: SAP Easy Access -> SAP Menu -> Accounting -> Financial accounting -> Fixed Asset -> Asset -> Asset Explorer

Alternatively: AW01N



- 1) Fill out fields with asset number/Company Code.
- 2) In Planned values tab, you can check all values related to this asset. APC, Acquisition value, Ordinary depreciation, net book value.
- 3) If you select transaction line and click on "hat" button, you can check all details related to each transaction.

Asset Explorer

Asset ZSAO-2037/0000

Company Code: ZSAO IDES AG
 Asset: 2037 0 asset receiver
 Fiscal year: 2011

Planned values LOCAL

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions	12.000,00	12.000,00	12.000,00	BRL
Acquisition value	12.000,00	12.000,00	12.000,00	BRL
Ordinary deprec.		570,00-	570,00-	BRL
Special depreciation				BRL
Unplanned dep.				BRL
Write-up				BRL
Value adjustment		600,00-	600,00-	BRL
Net book value		10.830,00	10.830,00	BRL
Down payments				BRL

Transactions

Asset val. da.	Amount	TType	Transaction type name	Σ Ord. dep.	Crcy
01.07.2011	12.000,00	330	Acquisition transfer: Current-year acquisitions	600,00-	BRL
				600,00-	BRL

Details

Document Header Asset Accounting


Fid name	Conts....
Client	750
Company Code	ZSAO
Asset	2037
Subnumber	0000
Fiscal Year	2011
Sequence number	1
Document Date	01.07.2011
Posting Date	01.07.2011
Asset value date	01.07.2011
Entry Date	22.08.2011
Time of Entry	23:45:12
User Name	1823380
Posting Period	7
Asset number acquiring/retir...	000000002036
Subnumber of receiving/sendi...	0000
Business Transaction	RFBU
Trading part.BA	1
Reference Document	64

4) And if you double click in the acquisition / retirement / transfer transaction, you will be able to display the document generated in FI after the acquisition / retirement / transfer.

Display Document: Data Entry View

Document Number: 100000046 | Company Code: ZSAO | Fiscal Year: 2011
Document Date: 01.07.2011 | Posting Date: 01.07.2011 | Period: 7
Reference: | Cross-Comp.No.: |
Currency: BRL | Texts exist: | Ledger Group:

C...	Item	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	Profit Center	Segment	Billing Doc.	SL...
ZS...	1	75		11000	000000002036 0000	12.000,00-	BRL		ZSAO					
	2	70		11010	000000002036 0000	600,00	BRL		ZSAO					
	3	70		11000	000000002037 0000	12.000,00	BRL		ZSAO					
	4	75		11010	000000002037 0000	600,00-	BRL		ZSAO					

5) If you click on  (display depreciation calculation) button or double click over Ordinary deprec. Value in the 'Planned values' tab, you will be able to see the parameter used by the system to calculate the asset depreciation in that depreciation area.

- New depreciation calculation displays:

Asset ZSAO-2037/0000

Depreciation Areas

- 01 BRL LOCAL
- 20 BRL IAS
- 40 USD PARALLEL OF 01 (USD)
- 50 USD PARALLEL OF 20 (USD)
- 71 EUR PARALLEL OF 01 (EUR)
- 81 EUR PARALLEL OF 20 (EUR)

Dependent Areas Messages

Year	Curr.APC	ODep. CY	Total ODep
2011	12.000,00	600,00-	570,00-

Calculation Parameters Depreciation Terms Period Information

Type	To Period	Base Value	Prd Fact.	Percentage	Calc.Amt	Curr.APC	ODep.
N	6	0,00	0,50000	0,000000	0,00	0,00	0,00
N	12	11.400,00	0,50000	0,100000	570,00-	12.000,00	600,00-
							570,00-

If you press these buttons, you can verify parameters used in the depreciation calculation.

Calculation Parameters

Year	Type	To Period	BaseVal.	BaseValRd.	Method	Perc.Fact.	MSF/Shtdn
2011	N	6		1,00000		1,00000	0,00000
2011	N	12	24	1,00000	R	1,00000	1,00000

Depreciation Terms

Year	Type	To	Frm	Periods	Periods	DepKy	Phase	Start Date	Start Prd	Start Year	Usef.Life	Class	Activated On	First acq. on	AcqY	AP	Step Index	Valid to	Usage	Calculate	First Day	Last Day
2011	N	6	1	12	12	LRB	0	01.07.2011	7	2011	120	ZSAO	01.07.2011	01.07.2011	2011	7	0	31.12.9999	X	X	01.01.2011	31.12.2011
2011	N	12	7	12	12	LRB	1	01.07.2011	7	2011	120	ZSAO	01.07.2011	01.07.2011	2011	7	1	31.12.9999	X	X	01.01.2011	31.12.2011

Period Information

Year	Type	To Period	Usef.Life	Exp.Life/Segment	Wt.Prds	FY Prds	W.Prd Seg.
2011	N	6	120	0,0000000000000000E+00	12	12	6
2011	N	12	120	6,0000000000000000E+00	12	12	6

- Old depreciation calculation displays:

Display Depreciation Calculation

Asset ZSAO-2037/0000

- Asset values
 - 01 LOCAL
 - 20 IAS
 - 40 PARALLEL OF 01 (U)
 - 50 PARALLEL OF 20 (U)
 - 71 PARALLEL OF 01 (E)
 - 81 PARALLEL OF 20 (E)

asset receiver

Transaction type name	Asset val. date	Ref.Doc.No	Amount	Ord. dep.	Spec. dep.	Interest	Crcy
Book value FY start		Carryforwa					
Acquisition transfer: Current-year acquisitions	01.07.2011	64					

Depreciation Routines

Parameters	Value
Ordinary deprec.	600,00-
Automatic dep.calculation	X
Calculation key	N1
Base value	12.000,00
Percentage rate	10.0000000000
Dep. periods	6/12
Amount	600,00

If you press button 'Routines', you can verify all parameter used in the depreciation calculation.

Display Depreciation Calculation

Asset ZSAO-2037/0000

- Asset values
 - 01 LOCAL
 - 20 IAS
 - 40 PARALLEL OF 01 (U)
 - 50 PARALLEL OF 20 (U)
 - 71 PARALLEL OF 01 (E)
 - 81 PARALLEL OF 20 (E)

asset receiver

Transaction type name	Asset val. date	Ref.Doc.No	Amount	Ord. dep.	Spec. dep.	Interest	Crcy
Book value FY start		Carryforwa	0,00	0,00	0,00	0,00	BRL
Acquisition transfer: Current-year acquisitions	01.07.2011	64	12.000,00	600,00-	0,00	0,00	BRL
			12.000,00	600,00-	0,00	0,00	BRL

Depreciation Calculation key

Parameters	Value
Determine posting period	
Initialize depreciation terms	
Calculate at main asset number level	
Sequence for depreciation calculation	
Determine special depreciation	
Calculate ordinary depreciation	
Calculate depreciation	
Net book value at the start of fiscal year	120
Determine depreciation from calculation key	
Set period fields	
Determine base period	
Set period fields	
Depreciation duration in periods	120
Depreciation start date	20110701
Asset value date	20110701
Relative depreciation start period for the asset	24139
Relative depreciation end period for the asset	24258
Relative base period	24139
Relative depreciation period start date	24139
Relative depreciation period end date	24144
No. of depreciation periods	6
Posting periods in ordinary fiscal year	12
Posting periods in this fiscal yr./Shortened year	12
Remaining life in periods	120
Rem.life in sum-of-the-years-digit depreciation	120
Total life in sum-of-the-years-digit deprec.	0
Calculate depreciation after planned end	
Effective life period	
Catch up dep.	
Shorten life at the end of the fiscal year	
Determine the period of validity	
Create field selString for determining AstValDate	
Create field selString for determining AstValDate	
Determine changes to net book value	
Check end of planned life reached	

6) In the *Posted Values* tab you will be able to see how the depreciation will be posted during the year for each period.

PS. In the example below period 1 is missing because it was already posted in time of creation and acquisition posting in this asset.

Asset Explorer

Company Code: ZSAO IDES AG
 Asset: 2037 0 asset receiver
 Fiscal year: 2011

Depreciation Areas

- 01 LOCAL
- 20 IAS
- 30 IAS - LOCAL (20 - 01)
- 40 PARALLEL OF 01 (USD)
- 50 PARALLEL OF 20 (USD)
- 60 IAS - LOCAL (50 - 40) (USD)
- 71 PARALLEL OF 01 (EUR)
- 81 PARALLEL OF 20 (EUR)
- 91 IAS - LOCAL (81 - 71) (EUR)

Objects related to asset

- Equipment
 - asset receiver 000000000010006656
- Cost Center
 - ZSAO ZSAO ZSAO
- G/L Account
 - Machinery and ZSAO 11000

Posted dep. values LOCAL

Value	Fiscal year start	Change	Posted values	Crcy
APC transactions		12.000,00	12.000,00	BRL
Acquisition value		12.000,00	12.000,00	BRL
Ordinary deprec.				BRL
Special depreciation				BRL
Unplanned dep.				BRL
Write-up				BRL
Value adjustment		600,00-	600,00-	BRL
Net book value		11.400,00	11.400,00	BRL
Down payments				BRL

Depreciation posted/planned

Status	Status	Per	Σ Ord. dep.	Σ Spec. dep.	Σ Upld dep.	Σ Reserves	Σ Revaluat.	Crcy
▲	Planned	Planned	2	0,00	0,00	0,00	0,00	BRL
▲	Planned	Planned	3	0,00	0,00	0,00	0,00	BRL
▲	Planned	Planned	4	0,00	0,00	0,00	0,00	BRL
▲	Planned	Planned	5	0,00	0,00	0,00	0,00	BRL
▲	Planned	Planned	6	0,00	0,00	0,00	0,00	BRL
▲	Planned	Planned	7	95,00-	0,00	0,00	0,00	BRL
▲	Planned	Planned	8	95,00-	0,00	0,00	0,00	BRL
▲	Planned	Planned	9	95,00-	0,00	0,00	0,00	BRL
▲	Planned	Planned	10	95,00-	0,00	0,00	0,00	BRL
▲	Planned	Planned	11	95,00-	0,00	0,00	0,00	BRL
▲	Planned	Planned	12	95,00-	0,00	0,00	0,00	BRL
			Σ	570,00-	0,00	0,00	0,00	BRL

AA – LEGACY MIGRATION GUIDE

Asset Migration should be handled carefully, as real time integration does not exist with FI module. Generally, assets are classified into 2 -

- **Assets acquired/capitalized in the previous year**
- **Assets acquired/capitalized in the current year**
The latter is generally uploaded at item / transaction level, while the former at balance level.
- AUC / CIP should be uploaded at transaction level. Else, settlement will not be possible

Pre-requisites:

- Asset master data configurations should have been completed like asset classes, depreciation area, depreciation key etc
- Take over date (Transfer date) should be configured.
 - The date is of importance from depreciation perspective.
 - It is NOT the actual data entry date. It represents the value date.
 - There are 2 types of take over date – End of last closed FY or during FY (Mid year take over)

Implementation:

Asset migration t-codes like AS91/92/93/94 and AS81/82/83/84 will be used extensively
There are two programs that can be utilized to automatically process legacy assets. They are RAALTD01 and RAALTD11.

RAALTD01: Uses dialog programming and hence will be slow, but predictable

RAALTD11: Users direct input and hence will be faster. Most of the implementation uses this option

BDC recording of AS91 t-code: This is done for current year acquisition and AuC Assets. The transaction level data are entered by clicking the ‘Transactions’ button in the application tool bar

Mandatory Fields:

All mandatory fields as defined in the screen layout rule – Asset class, cost center, description, Plant, quantity, depreciation key, useful life etc

Acquisition amount, Accumulated depreciation value till PY, Accumulated depreciation value in the CY till take over date for all depreciation areas.

From FI View

The migration programs will create Asset data only and no FI documents are generated.

FI postings are to be manually created using t-code OASV or ABFI

Former will be used normally, while latter will be used for uploading asset values in multiple currencies

The asset GL account properties should be changed to ‘Non-reconciliation’ account (‘Set/Reset reconciliation account’ option in IMG screen). The same should be changed after migration
GL accounts for Acquisition Production Cost(APC), accumulated depreciation GL accounts will be posted manually. The difference (Net Book Value) gets posted to the conversion account created for assets. This is later reverse posted during TB upload

After migration, asset values at Current book value should match with the FI values

STEPS IN ASSET ACCOUNTING:

Step 1 – COPY CHART OF DEPECIATION

EC08 – IMG>Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Copy reference chart of depreciation/depreciation area

Step 2 – ASSIGN COMPANY CODE TO CHART OF DEPRECIATION

OA0B – IMG > Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Assign chart of depreciation to company code

Step 3 – ASSIGN FINANCIAL STATEMENT VERSION TO EVERY DEPRECIATION AREA

OAYN – IMG >Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Specify statement version for asset reports

Step 4 – IDENTIFY YOUR ASSET CLASSES

Step 5 – IDENTIFY YOUR ACCOUNT DETERMINATION & SCREEN LAYOUT FOR YOUR ASSET CLASSES

SPRO – IMG > Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Asset Classes > Specify required entries for asset master data

Step 6 – IDENTIFY YOUR GL ACCOUNTS FOR YOUR ASSET CLASSES

Step 7 - DEFINE YOUR NUMBER RANGE

AS08 – IMG > Financial Accounting > Asset Accounting > Organizational Structures > Asset Classes > Define number range interval

Step 8 - DETERMINE DEPRECIATION AREAS IN ASSET CLASSES AND SCREEN LAYOUT

A021 – IMG > Financial Accounting > Asset Accounting > Master Data > Screen Layout > Define screen layout for asset depreciation areas

OAYZ – IMG > Financial Accounting > Asset Accounting > Valuation > Determine depreciation areas in the asset class

Step 9 – GENERATE ASSET CLASSES FROM GL ACCOUNTS

ANKL – IMG – Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Asset Classes > Generate Asset Classes from G/L Accounts

Step 10 – COMPLETE DATA FOR ASSET CLASSES SETTING REQUIRED ENTRY FIELDS

SPRO – IMG > Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organization Structures and Master Data > Asset Classes > Specify requires entries for asset master data

OAYZ – IMG > Financial Accounting > asset Accounting > FI-AA Implementation Guide (Simplified Version) Organizational Structures and Master Data > Asset Classes > Enter default values in asset classes

AO90 – IMG > Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Assign additional G/L accounts for transactions/depreciation

Step 11 – SETTING UP SPECIAL ASSET CLASSES

OAYK – IMG > Financial Accounting > Asset Accounting > Valuation > Specify max amount for LVA + asset classes > Specify amount for low value assets

OAY2 – IMG > Financial Accounting > Asset Accounting > Valuation > Specify max amount for LVA + asset classes > Specify LVA asset classes

Step 12 – SPECIFY INTERVALS AND POSTING RULE

OAYR – IMG > Financial Accounting > Asset Accounting > FI-AA Implementation Guide (Simplified Version) > Organizational Structures and Master Data > Specify intervals and posting rules

AA- ACCOUNTING ENTRIES

Asset Acquisition: F-90 – With Vendor

Dr. Fixed Asset – Acquisition Cost
Cr. Vendor (Accounts payable)

- Posting date of the document will be copied into the asset master as the capitalization date.
- The depreciation start date of each depreciation area will also be determined and updated in the depreciation area data tab page.
- Asset acquisition posting could also be done without PO from the MM module.
- Posting could be done in FI posting only.

Asset Disposal – Sales to a Customer: F-92 – With Customer

Supposed an asset with historical cost \$1,000 and accumulated depreciation of \$100 is being sold to a customer at a price of \$1,100, the posting entries will be as follows:

Dr. Customer account (A/R) 1,100
Cr. Revenue for asset disposal 1,100-
Cr. Fixed asset – acquisition cost 1,000-
Dr. Accumulated depreciation 100
Dr. Clearing account for asset disposal 1,100
Cr. Gain/loss of fixed asset disposal 200-

The posting date of the retirement posting will also be updated into the field “deactivation date” in the asset master as the retirement date.

Asset Disposal – Scrap without Revenue ABAVN - Asset Retirement by Scrapping

Instead of selling, an asset could be disposed as a scrap. In this case, no revenue is expected and a loss will be realized in the P&L if the fixed asset being scrapped still carries a net book value.

For the same asset with historical cost \$1,000 and accumulated depreciation of \$100, the posting of the scrapping will be as follows:

Cr. Fixed asset – acquisition cost 1,000-
Dr. Accumulated depreciation 100
Cr. Gain/loss of fixed asset disposal 900

Asset Transfer within a Company – Reclassification

The NBV of an existing asset master record could be transferred to another asset within the same company. The transaction could be used in the following scenarios:

- Reclassify an existing asset to a new class or to correct an error
- Transfer an asset to a new one with the same class. This may be necessary to execute the change of the remaining useful life of an asset but still spread the net book value evenly throughout the remaining life without allowing the system to catch up the postings of the missing or extra depreciation of the past periods

For an asset with historical cost \$1,000 and accumulated depreciation of \$100, the posting of the intra-company transfer posting will be follows:

Cr. Fix asset – acquisition cost (old asset) 1,000-
Dr. Accumulated depreciation (old asset) 100

Dr. Fix asset – acquisition cost (new asset) 1,000
Cr. Accumulated depreciation (new asset) 100-

The old asset being transferred will become a retired asset and the transfer posting date will be updated as the retirement date in the asset master record.

For the new receiving asset, the transfer will be the same as if it is being acquired.

The transfer posting date will be used as the capitalization date.

Month End Processing – Depreciation Run AFAB-Depreciation Run

Dr. Depreciation expense

Cr. Accumulated depreciation

Note that the above posting to G/L will be done in a summary level by G/L accounts and cost center levels because the depreciation expense has to be charged to cost center in CO. However, the detailed depreciation amount of each asset will also be stored in Asset Accounting such that each unique asset master record will also have its unique posted depreciation amount. Besides, after each depreciation run, the system will issue a report which list out the depreciation posting amount of each individual assets as a record. This is advised that this report should be kept as an additional audit trail.

Asset Under Construction (AUC) Config & Process Steps:

Internal Order as Investment Measure:

1. Define the AuC Asset Class (with investment measure) – **OAOA**
2. Define the Asset Class – for Main Asset - **OAOA**
3. Define Investment Profile – **OITA**
 - a. Assign the AuC Asset Class (Step-1) in the investment profile
4. Assign Investment Profile to Model Order – **OITA**
5. Define Order Type (Investment) – **KOT2**
 - a. Settlement Profile – **OKO7**
 - b. Maintain Allocation Structures - **OKO6**
 - c. Planning Profile - **OKOS**
 - d. Budget Profile - **OKOB**
6. Create an Internal Order – **KO01**
 - a. With the Investment Profile (Step-2)
 - b. AuC automatically created by the system using Asset Class given in the Investment Profile
7. Post the amounts to IO – **FB01**

Dr. Material supplied to Asset (Expenditure)

Cr. Cash account

8. Settle the amounts to AuC from IO (Prcg type: Automatic) - **KO88**

Dr. Asset Under Construction account

Cr. Contra Capitalized

9. Create the Main Asset – **AS01**

10. Settle the amounts to Main Asset from AuC (Prcg type: Full) - **KO88**

Dr. Final Asset account

Cr. Asset Under Construction account
