



# Project: Mission SURE

(SAP Upgrade, Rejuvenation & Expansion)

## Financial Supply Chain Management (FSCM)

Document No: TRF-SURE-EU TRG Manual (TRF/FSCM/1.3) – 001 Rev. 00

**End User Training Manual**

For

**SAP FSCM – Asset Accounting**

Process Name: Asset Accounting

**Process No: TRF/FSCM/1.3**

Control Copy No: TRF/FSCM/1.3

### Document Change Control

Doc Version	Description	Prepared by	Date	Reviewed by	Approved by
00	Original	Shivkumar R K	25.12.2009	Sanjay Thakur Santosh Singh	



## Project: Mission SURE

# Introduction

Financial Supply Chain Management process in TRF has the following business processes.

Sl. No.	TRF Enterprise Process No.	Process Name
1	TRF/FSCM/1.1	Accounts Receivable
2	TRF/FSCM/1.2	Accounts Payable
<b>3</b>	<b>TRF/FSCM/1.3</b>	<b>Asset Accounting</b>

For each of the above processes, there are separate End User Training Manuals available

This document covers sl. No. 3. Of the above list, that is **Asset accounting process**.

This End User Training manual on Asset Accounts Process consists of the following sequence of sub-processes

1. Creation of Asset Number – Transaction Code: [AS01](#)
2. Create Sub Asset – Transaction Code: [AS11](#)
3. Asset Acquisition - Transaction Code: [F-90](#)
4. View Asset Values – Transaction Code: [AW01N](#)
5. Depreciation Run - Transaction Code: [AFAB](#)
6. Asset Retirement from Sale with Customer – Transaction Code: [F-92](#)
7. Asset Retirement - Without Revenue/Scraping - Transaction Code: [ABAVN](#)
8. Transfer within Company Code - Transaction Code: [ABUMN](#)
9. Distribution of Asset - Transaction Code: [AIA](#)
10. Settlement of Asset - Transaction Code: [AIBU](#)
11. Asset Balances (Fixed Asset Register) – Transaction Code: [S\\_ALR\\_87011963](#)



## Table of Contents

1.	Purpose of AA End user Training document .....	4
2.	Asset Accounting Process - Prerequisites .....	5
¶	Chart of Depreciation.....	5
¶	Account Determination.....	6
¶	Asset Class.....	6
¶	Depreciation Key .....	7
¶	Input – Procurement of Asset.....	8
¶	Output.....	9
¶	Depreciation on Assets .....	9
¶	Retirement of Asset .....	9
3.	Creation of Asset Number - AS01 .....	10
4.	Create Sub Asset – AS11 .....	17
5.	Asset Acquisition - F-90.....	20
6.	View Asset Values – AW01N .....	25
7.	Depreciation Run - AFAB.....	28
8.	Asset Retirement .....	36
9.	Asset Retirement from Sale with Customer – F-92 .....	37
10.	Asset Retirement - Without Revenue/Scraping - ABAVN .....	42
¶	Partial Retirement.....	45
11.	Transfer within Company Code - ABUMN .....	46
¶	Partial Transfer.....	48
12.	Asset under Construction: AIAB.....	49
13.	Asset under Construction: AIBU .....	52
14.	Fixed Asset Register - S_ALR_87011963 .....	56
15.	General Icons across SAP .....	61



## Project: Mission SURE

### 1. Purpose of AA End user Training document

This training program will focus on how SAP Accounting for Fixed Asset module manages general assets, transactions, retirements, changes and other activities. This will also include Fiscal year management, depreciation of assets.

The training program will also touch on the structures of Fixed Asset Accounting as a financial record and their significance to processes that are critical to the business accounting in the recording of accounting transactions such as revenues, adjustments, changes, depreciation and retirements/scrapping of assets and also assist in areas of internal and external reporting.

During training program participants will be taken through the steps in the creation of the fixed asset Master records execute transactional processes in areas of: parking, posting, document changing, accounts, depreciation and document reversals, fiscal year closing and reporting.



## Project: Mission SURE

### 2. Asset Accounting Process - Prerequisites



#### Chart of Depreciation

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 or economic region. A chart of depreciation is assigned 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 our own chart of depreciation, and are therefore not directly accessible in the SAP system. When creating a chart of depreciation, we have to copy the reference chart of depreciation from "OIN" defined for India.

Chart of depreciation: 1000

Description: Chart of Depreciation for TRF

Depreciation Area's for TRF:

Depreciation Areas	Name of the Depreciation
1	Book Depreciation
15	Depreciation as per Income Tax Act 1961
20	Cost-Accounting depreciation



## Project: Mission SURE



### Account Determination

Account Determinations for Asset Accounting (key & depreciation). The key of an account determination must be stored in the asset class. Account Determination links an asset master record to the general ledger accounts to be posted for an accounting transaction using the asset class.

Account Determination for TRF

Account Determination	Description
TRF100	Buildings-Factory
TRF110	Buildings-Office
TRF120	Buildings-Others
TRF130	Buildings-Housing Colony
TRF200	Plant & Machinery – Works
TRF210	Plant & Machinery – Sites
TRF300	Furniture & Fittings
TRF400	Office Equipments
TRF500	Motor Vehicles
TRF510	Bicycles
TRF600	Electrical Installations
TRF700	Laboratory Equipment
TRF800	Technical Know-how
TRF900	CWIP-Buildings Factory
TRF910	CWIP-Housing Colony
TRF920	CWIP-Plant & Machinery
TRF930	CWIP-SAP
TRF940	CWIP-Capital items in Transit



### Asset Class

The asset class is the most important criteria for structuring fixed assets from an account 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:

- The assignment of default values when creating assets (particularly depreciation terms)
- The grouping of assets for reporting purposes



## Project: Mission SURE

The following are the Asset Classes in TRF

Account Determination	Description
TRF100	Buildings-Factory
TRF110	Buildings-Office
TRF120	Buildings-Others
TRF130	Buildings-Housing Colony
TRF200	Plant & Machinery – Works
TRF210	Plant & Machinery – Sites
TRF300	Furniture & Fittings
TRF400	Office Equipments
TRF500	Motor Vehicles
TRF510	Bicycles
TRF600	Electrical Installations
TRF700	Laboratory Equipment
TRF800	Technical Know-how
TRF950	CWIP-Buildings Factory
TRF960	CWIP-Plant & Machinery
TRF970	CWIP-Electrical Installations



### Depreciation Key

Depreciation keys contain the calculation methods for depreciation calculation and parameters that control:

- Ordinary depreciation
- Special depreciation
- Scrap Value (Cut-off Value)

You can enter a separate depreciation key for each depreciation area in the asset master record. The following are the Book Depreciation Keys for TRF as per Company's act 1956 and Straight Line Method (SLM) to be used:



## Project: Mission SURE

Depreciation Key	Description
TR00	0% Depreciation
TR01	1.63% Buildings Residence (Office, Housing colony and Others)
TR02	3.34% Buildings-Factories
TR03	4.75% Plant & Machinery – Single Shift
TR04	7.42% Plant & Machinery – Double Shift
TR05	10.34% Plant & Machinery – Triple Shift
TR06	13.91% Plant & Machinery – General Rate of Depreciation
TR07	7.07% Plant & Machinery – Special Rate
TR08	11.31% Plant & Machinery – (Moulds iron, Shoes and leather good fabric)
TR09	100% on Plant & Machinery – Works
TR10	7.07% Bicycle
TR11	9.50% Motor Car (Vehicle)
TR12	16.21% Computer – Hardware
TR13	6.33% Furniture & Fittings – General
TR14	100% on Furniture & Fittings (on need basis)
TR15	16.67% on Technical Know-How
TR16	20% on Computer Software
TR17	100% on Office Equipment

The following are the **TAX DEPRECIATION** keys along with Rates for TRF as per Income Tax Act 1961 and WRITTEN DOWN VALUES (WDV) to be used:

Depreciation Key	Description
TR50	5% Used for Residential Purpose
TR51	10% Used – Not for residential purpose
TR52	10% Furniture & Fixtures
TR53	30% Plant & Machinery
TR54	15% Office Equipment
TR55	15% Electric Installation
TR56	15% Motor Vehicle
TR57	60% Computer (Hardware)
TR58	25% Technical Know How
TR59	60% Computer (Software)

Where any assets acquired by the assesses during the previous year and put to use for the purpose of business for a period of less than 180 days in that previous year, then value will be half for calculating depreciation



### Input – Procurement of Asset

The Central Procurement Cell (CPC) will get the budge approval from the board under three categories:

- Major Capital Scheme
- MD's Sanction Limit

Miscellaneous capital scheme-ceiling of each scheme

Minor Capital scheme-ceiling of scheme

CPC will send a request for an asset number to accounts



## Project: Mission SURE



### Output

- Accounts will give asset number as per the nature of asset. If the asset is not “ready to use asset” then the asset number should be assigned to Asset under Construction (AuC) Asset class. If it is ready to use asset it will go to respective asset class.
- After getting the asset number the procuring (user) department will prepare a Purchase Requisition
- The CPC will release purchase order (PO) on the basis of PR received



### Depreciation on Assets

- Asset will be depreciated at SLM for Financial Statements, at the rates prescribed in the Company's Act 1956
- Assets will be depreciated at DWV method to be followed at the rates prescribed in the Income Tax Act 1956
- Depreciation to be calculated on monthly basis
- Depreciation charged on the asset shall be credited to depreciation reserve account. Depreciation reserve account will be common for the entire asset except Technical Know How, for which separate depreciation reserve account to be created
- For assets valuing less than Rs5000/- and mobile phones (Low Value Assets) should be 100% depreciated in the same year



### Retirement of Asset

The Asset Retirement will be of two types:

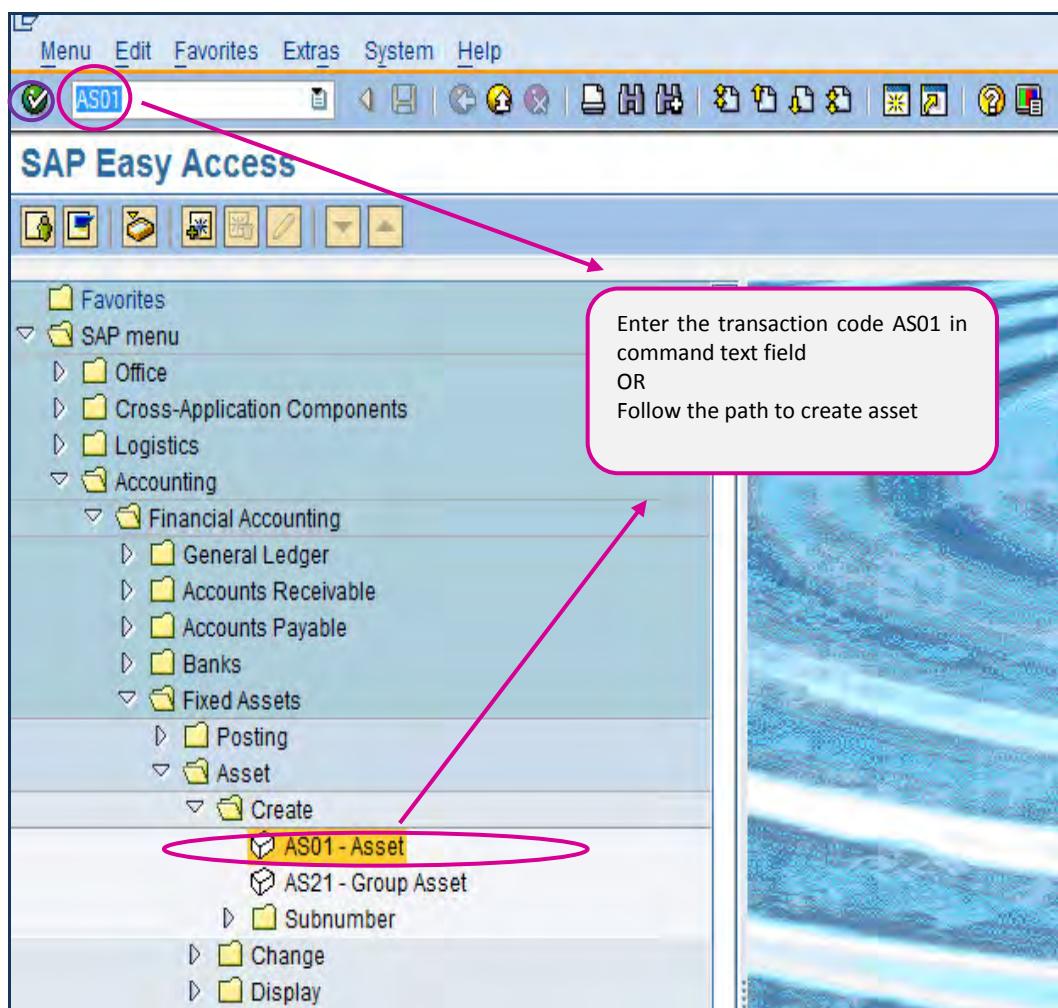
- I. Retirement with sale value is normally sale of asset to a customer. The profit or loss on the retirement should go to the respective GL
- II. Retirement without sale value, at a certain interval each class of assets shall be physically verified and shortages if any to be scrapped and written-off. The loss, if any should go to the respective GL

### 3. Creation of Asset Number - AS01

If you acquire a new fixed asset for the business which has no master data existing in the system, you need to create the master data for the asset in the system before you can create any transactions against this asset. Action by an Authorized trained staff only.

1. Access the transaction choosing one of the following navigation options:

<b>SAP ECC menu</b>	<i>Accounting → Financial Accounting → Fixed Assets → Asset → Create → AS01 - Asset</i>
<b>Transaction code</b>	AS01



Note: The screen cursor will default into the Asset class:



## Project: Mission SURE

- Specify at least an Asset class or select a name for the asset from the icon button as shown in the screen shot below

Field Name	Description	R/O/C	Values
Asset class	Classification of the asset	R	Use drill-down to locate the asset class
Company code	Enter your Company Code	R	1000
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	Check the data before you copy

Asset Edit Goto Extras Environment Settings System Help

Create Asset: Initial screen

Master data Depreciation areas

Asset Class: 2000

Company Code: 0001

Number of similar assets: 1

Reference

Asset: [ ]

Sub-number: [ ]

Company code: [ ]

Post-capitalization

- <Enter> or if click on the icon you will be asked to save, click on the next tab
- Create Asset: Master Data- General Tab highlighted in dark blue on screen ().
- Process of creation and field names and prompts are as follows, on screen "Create Asset: Master Data", enter information in the fields as specified in the table below:



## Project: Mission SURE

Field Name	Description	R/O/C	Values
Description	The description of the asset	R	Example: Pulley
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.
Manage Historically	Set this indicator if you want this asset to be manage Historically	O	This indicator ensures that this asset is manage Historically <input checked="" type="checkbox"/> Manage historically
Inventory no	You can enter an inventory number for the asset. The inventory is placed into the standard inventory list for Asset Accounting (Information System).	O	Accounting trace for reporting within the Financial Accounting Information System
Quantity	Quantity of the assets to be acquired and the unit of measurement	O	Example: 10 and "3
<b>Inventory and Posting Information</b>			
Inventory note	Supplementary information for the analysis of physical inventory	O	General Information for Users
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 indicator are not output by the report.
Posting Information	When the document was posted		Used for information when and why and who posted the document
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



## Project: Mission SURE

6. Once you have entered the required data in the fields, if you click on then, you will be asked to save the data- Click on the time Dependent tab on screen.

Field Name	Description	R/O/C	Values
Business area	This field must be left blank as the business area will be default through cost centre	R	Example: 0001
Cost centre	This is the cost centre where the depreciation expenses of the asset will be charged	R	Use drill-down to locate the cost centre
Plant	Used in selection criteria in reporting	O	Not displayed
Location	Used in selection criteria in reporting	O	Use drill-down to find out the predefined location.
Serial no.		O	This is an optional (but not for this update)



## Project: Mission SURE

Asset Edit Goto Extras Environment Settings System Help

Checkmark icon | Back | Forward | Save | Cancel | Print | Home | Help | Exit |

### Create Asset: Master data

Asset values

Asset	INTERN-00001	0	Pulley	
Class	2000	Machinery	Company Code	1000

General Time-dependent Allocations Origin Leasing Deprec. Areas

Interval from 01.01.1900 to 31.12.9999

Business Area	1306	SAP - ECC 6
Cost Center	1306	SAP - ECC 6
Location		
Room		

7. Click on the Origin tab and update the fields as required

Field Name	Description	R/O/C	Values
Vendor	You can enter vendor number (Customer)	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

8. Enter the date in the other fields



## Project: Mission SURE

Screenshot of the SAP Asset Master Data creation screen:

Asset: INTERN-00001 | 0 | Pulley | Machinery | Company Code: 1000

General | Time-dependent | Allocations | **Origin** | Leasing | Deprec. Areas

**Origin**

Vendor	100005
Manufacturer	
<input checked="" type="checkbox"/> Asset purch. new	
<input checked="" type="checkbox"/> Purchased used	
Trading Partner	
Country of origin	
Type name	
Original asset	
Orig. Acquis. Year	
Original value	INR
In-house prod.perc.	

Account assignment for investment

Investment Order

9. Click on the Depreciation Area **Deprec. Areas** tab

You will be prompted with the following screen: (Valuation information displayed for asset).

Screenshot of the SAP Asset Master Data creation screen (Deprec. Areas tab selected):

Asset: INTERN-00001 | 0 | Pulley | Machinery | Company Code: 1000

General | Time-dependent | Allocations | Origin | Leasing | **Deprec. Areas**

**Valuation**

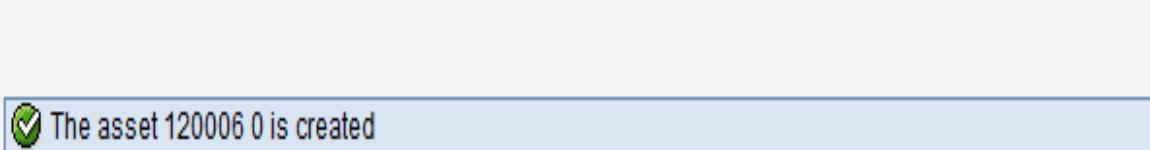
Deact	A...	Depreciation area	DKey	UseLife	Prd	ODep Start	Index	Group
<input type="checkbox"/>	01	Book deprec.	DG30	10	5			
<input type="checkbox"/>	15	Tax bal.sht.	SFE4	10	5	5		

The time period over which the asset is to be used and depreciated



## Project: Mission SURE

10. Click on the icon to save the asset. The system will assign Asset number. Then the following screen will be displayed
11. The system will display the number of the document generated by this Invoice, record this below.



12. Click on the **Exit** button or press **Shift+F3** to return to the **SAP Easy Access screen**.

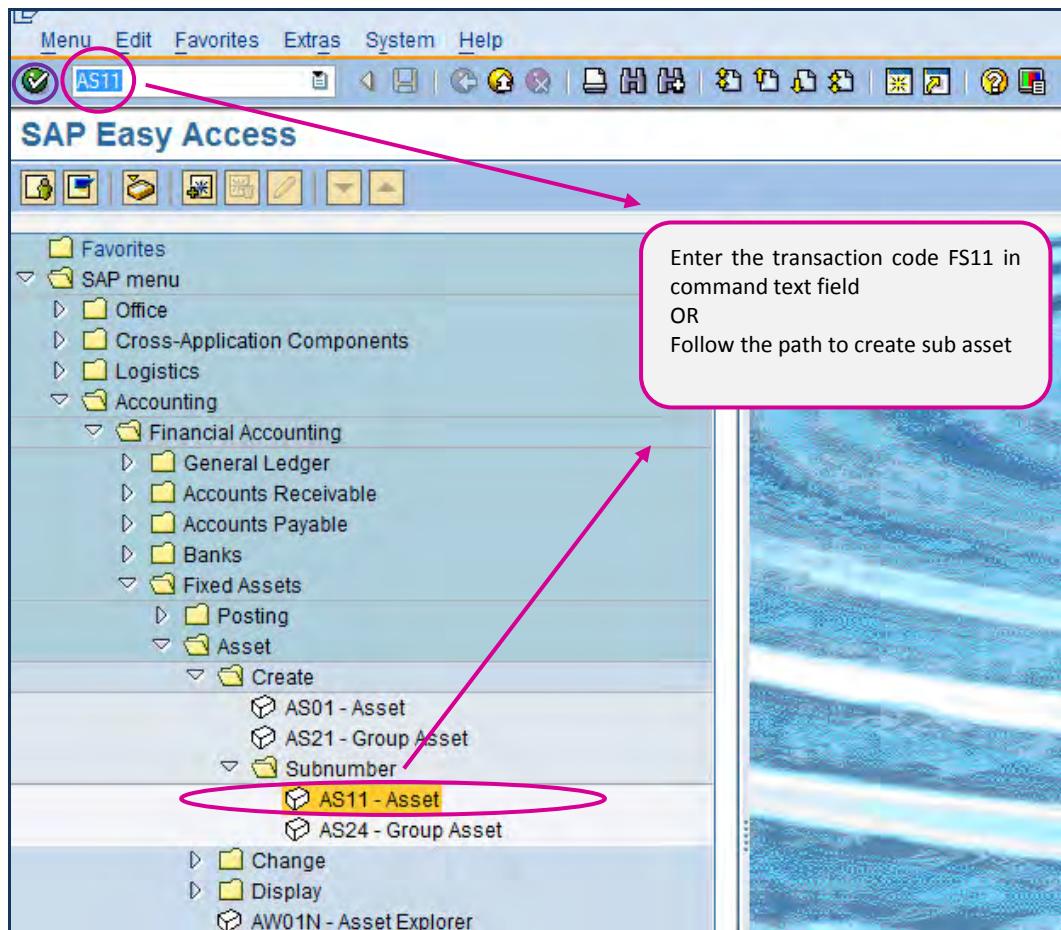
End of document - of T-code AS01

## 4. Create Sub Asset – AS11

A sub-asset class is a collection of assets that have common characteristics within both the asset class and the sub-asset class. The sub-asset class also has attributes that make it different than the parent group of assets

- Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting→Financial accounting→Fixed assets → Create→Sub number→AS11 - Asset</b>
Transaction code	<b>AS11</b>





## Project: Mission SURE

2. Enter the following details

**Create Subnumber: Initial screen**

Master data   Depreciation areas

Asset	120007	<input style="width: 20px; height: 20px; vertical-align: middle;" type="button" value="..."/>
Company Code	1000	
Number of similar subnumbers	1	

Post-capitalizatn

Enter 6 digit asset numbers

3. Name of the asset and other details for asset master will come automatically from the main asset master. If you want to change the name of asset master, It can be done here

**Create Asset: Master data**

Assetvalues

Asset	120007	1	Pulley	Machinery	Company Code	1000
Class	2000					

General   Time-dependent   Allocations   Origin   Leasing   Deprec. Areas

**General data**

Description	Pulley	
Asset main no. text	Pulley	
Acct determination	20000	Machinery and Equipment
Serial number		
Inventory number		
Quantity		

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		

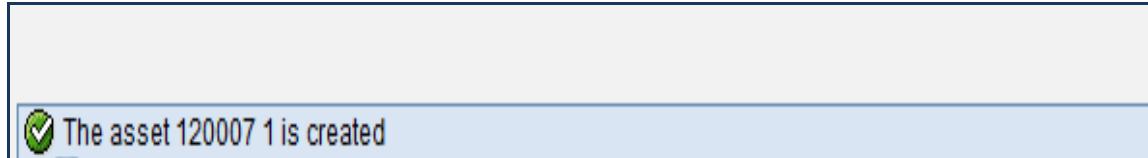


## Project: Mission SURE

4. Go to Depreciation area tab and fill the Depreciation start date following screen will appear.

The screenshot shows the SAP Asset Master Data creation screen. At the top, there's a toolbar with various icons. Below it, the title bar says "Create Asset: Master data". Underneath, there's a section for "Asset values" with fields for Asset (120007), Class (2000), Description (Pulley Machinery), and Company Code (1000). A navigation bar below these fields includes tabs for General, Time-dependent, Allocations, Origin, Leasing, and Deprec. Areas. The Deprec. Areas tab is selected, showing a table titled "Valuation". The table has columns for Deact, A..., Depreciation area, DKey, UseLife, Prd, ODep Start, Index, and Group. Two rows are present: one for Book deprec. (DG30) and another for Tax bal.sht. (SFE4). A save icon (floppy disk) is located at the top left of the valuation table.

5. Click on the icon to save the asset. The system will assign Asset number. Then the following screen will be displayed
6. The system will display the number of the document generated by this Invoice, record this below.



Note: A Sub asset has been created with the above shown number

7. Click on the Exit button or press Shift+F3 to return to the SAP Easy Access screen.

End of document - of T-code AS11

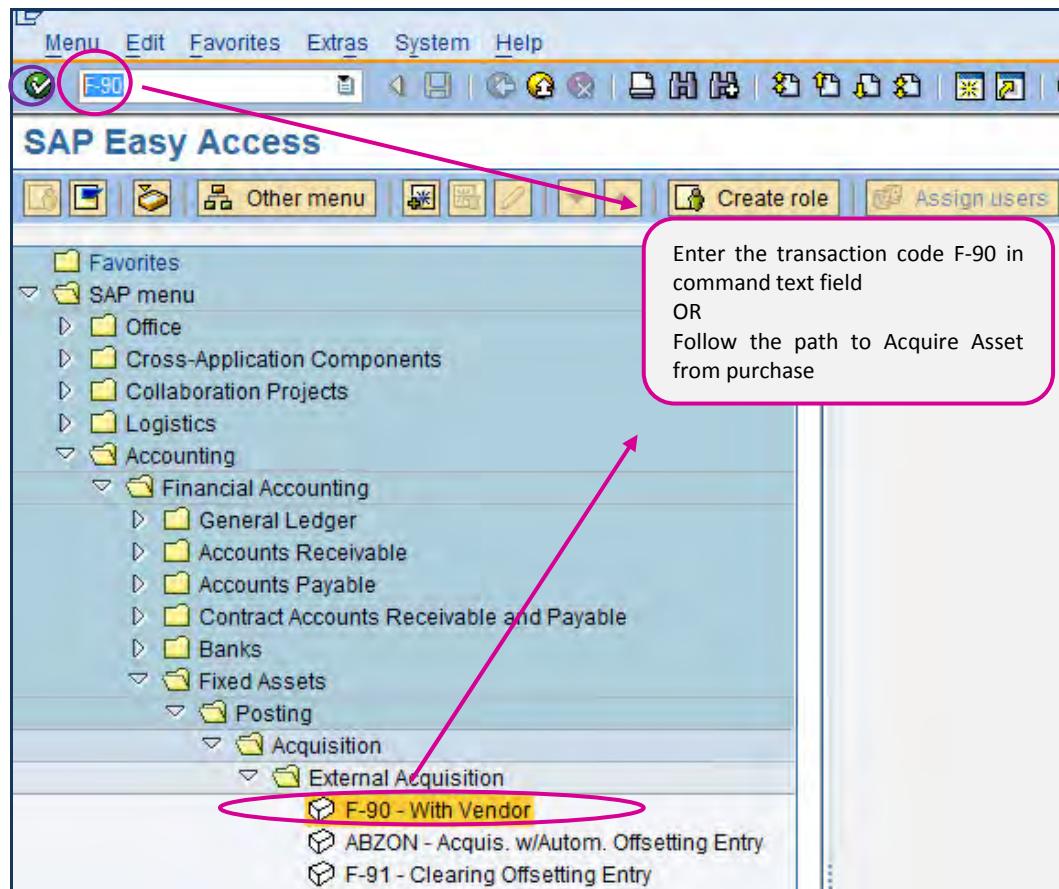
## 5. Asset Acquisition - F-90

Acquisition of fixed assets, there are four different types of asset acquisition:

- Purchase acquisition
- Acquisition from in-house production
- Subsequent acquisition to an already capitalized asset
- Post-capitalization (in a period after that of the actual acquisition)

1. Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting → Financial Accounting → Fixed assets → Posting → Acquisition → External Acquisition → F-90 with Vendor</b>
Transaction code	<b>F-90</b>





## Project: Mission SURE

2. On screen “**Acquisition from purchase with Vendor Screen**”, enter information in the fields as specified in the table below: Page 43 displayed the table information

Field Name	Description	R/O/C	Values
<b>Header Information</b>			
Doc. date	Source document date.	R	Example: 21.12.2009
Document Type	The default document type for this screen is KR. Do not Change it	R	Example: KR
Company Code	Enter your Company Code	R	Example: 1000
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	Example: 21.12.2009
Reference	One of the key fields that can be used to search for documents at a later retrieval date. Any user-defined text.	R	Example: Asset Purchase
<b>Line Item Information</b>			
Posting Key	Posting keys represent Debit or Credit entry of any account type	R	Example: 31
Account	Enter the Vendor account Number	R	Example: 100085

The screenshot shows the SAP interface for the "Acquisition from purchase w. vendor: Header Data" screen. The window title is "Acquisition from purchase w. vendor: Header Data". The toolbar includes standard SAP icons for Document, Edit, Goto, Extras, Settings, Environment, System, and Help. Below the toolbar, there are several tabs: "Held document", "Acct model", "Fast Data Entry" (which is selected), "Post with reference", and "Editing Options". The main area contains input fields for header data:

Document Date	21.12.2009	Type	KR
Posting Date	21.12.2009	Period	9
Document Number		Company Code	1000
Reference	Asset Purchase	Currency/Rate	INR
Doc.Header Text		Translatn Date	
Trading Part.BA		Cross-CC no.	

At the bottom of the screen, there is a status bar with the text "First line item" and a toolbar with buttons for PstKy (31), Account (100085), GL Ind, TType, and other financial indicators.

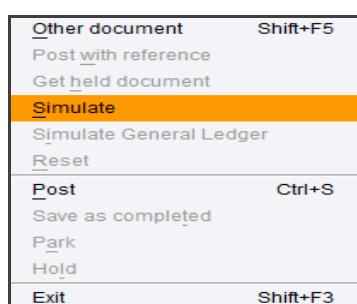


## Project: Mission SURE

3. Press <Enter> or click on the icon , you will be prompted with the following screen

Field Name	Description	R/O/C	Values
Amount		R	Example: 25252525
Text		O	Example: Asset Purchase
Posting Key	Enter the posting Key to debit Asset	R	Example: 70
Account	Enter Asset Number	R	Example: 200001-0 (Laptop)
Transaction Type	The transaction Type in Asset Accounting classifies the business transaction. The transaction type controls various system activities when business transactions are posted.	R	Example: 100

4. You can check your document before postings. Select **Document** → **Simulate** or click on button or press Enter





## Project: Mission SURE

5. The following WTH tax screen will be displayed, select the appropriate W/Tax code and press enter

6. Click the **Enter** button

G/L Account 2000003 PLANT & MACHINERY  
Company Code 1000 TRF LIMITED  
Asset 200001 0 lathe machine

Trans.Type 120

Item 2 Debit asset / 70 External asset acqui / 100

Amount \* INR  
Tax Code v0 Calculate tax Bus.place/sectn  
Cost Center Order  
WBS Element  
Asset 200001 0  
Assignment  
Text More Long Texts

Next line item PstKy Account SGL Ind TType New co.code

Asset 200001 0 Reference Date 01.05.2009  
Cost Center  
Order  
Profit Center BMHE  
WBS Element  
Commitment Item 2000003  
Transactn Type 120



## Project: Mission SURE

7. In the following document overview screen, verify the details

Screenshot of SAP ERP system showing the "Enter Vendor Invoice: Display Overview" screen.

The screen displays the following information:

Document Date	21.12.2009	Type	KR	Company Code	1000
Posting Date	21.12.2009	Period	9	Currency	INR
Document Number	INTERNAL	Fiscal Year	2009	Translatn Date	21.12.2009
Reference	ASSET PURCHASE	Cross-CC no.			
Doc.Header Text	Trading Part.BA				

Items in document currency:

PK	BusA	Acct	INR	Amount	Tax amnt
001	31	00001100085 ABHIKALAK CONSULTAN	25.252.525,00-		
002	78	0002000003 000000200001 0000	25.252.525,00		V0

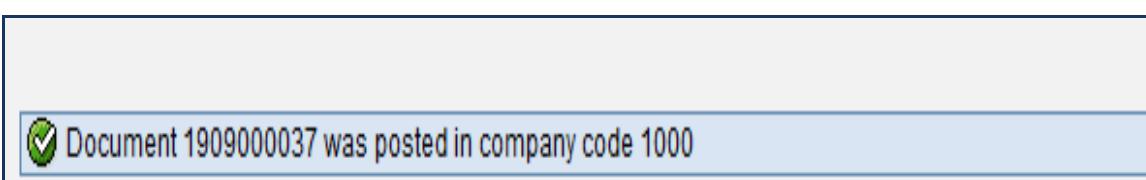
Total amounts at the bottom:

D 25.252.525,00      C 25.252.525,00      0,00      2 Line items

Other line item buttons: PstKy, count, SGL Ind, TType, New co.code

8. To post your entries, click the **Save** button.

9. The message bar displays: "Document 1909000037 was posted in company code 1000" – record this number below.



10. Click on the **Exit** button or press **Shift+F3** to return to the SAP Easy Access screen.

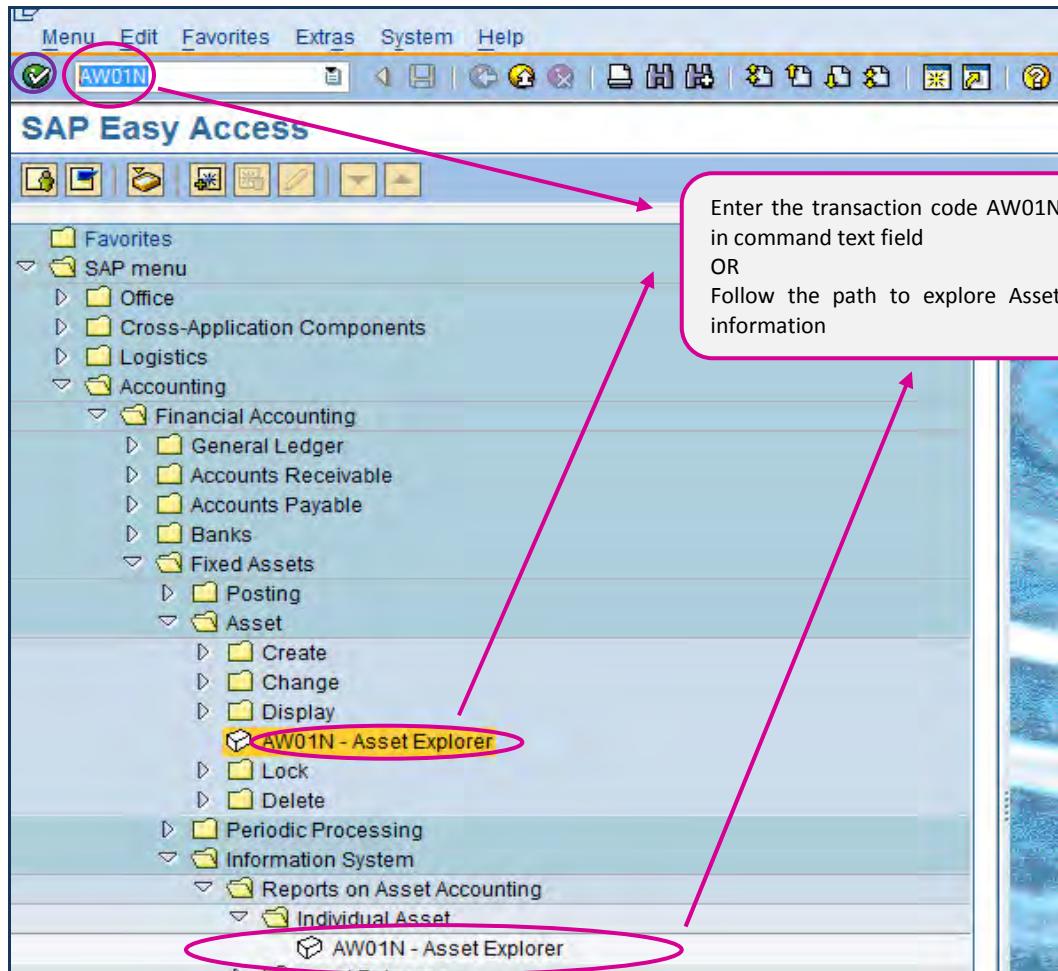
End of document – of T-code F-90

## 6. View Asset Values – AW01N

This screen provides Information, data and images solely for reference purposes

- Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting → Financial Accounting → Fixed Assets → Asset → AW01N – Asset Explorer</b>
Transaction code	<b>AW01N</b>





## Project: Mission SURE

2. Update the required and optional fields and Click the **Enter** button

Field Name	Description	Values
Company code	Number of the company code that the Customer belongs to	Example: 1000
Asset	Asset number for which you would like to see the information	Example: 200006

The screenshot shows the SAP Asset Explorer interface. On the left, there's a tree view under 'Depreciation Areas' with nodes like '01 Book depreciation' and '15 Depreciation as per Income Tax Act 1961'. On the right, detailed information for an asset is displayed: Company Code 1000 (labeled TRF LIMITED), Asset 200006 (labeled Computer), and Fiscal year 2009. Below this, a table titled 'Planned values Depreciation as per Income Tax Act 1961' lists various depreciation components with their values and currency (INR). At the bottom, a transaction table shows a single entry for an asset acquisition.

Value	Fiscal year start	Change	Year-end	Crcy
APC transactions	20.000,00	20.000,00		INR
Investment support				INR
Acquisition value	20.000,00	20.000,00		INR
Ordinary deprec.	1.313,82-	1.313,82-		INR
Special depreciation				INR
Unplanned dep.				INR
Write-ups				INR
Value adjustment				INR
Net book value	18.686,18	18.686,18		INR

AssetValDate	Amount	TType	Transaction type name	Crcy
01.09.2009	20.000,00	100	External asset acquisition	INR

3. If the areas are defined, then the above screen is displayed or the below screen (refer Figure 1) is displayed, Verify the required information and exit the screen



## Project: Mission SURE

4. The following screen will be displayed if there are no areas defined for the asset

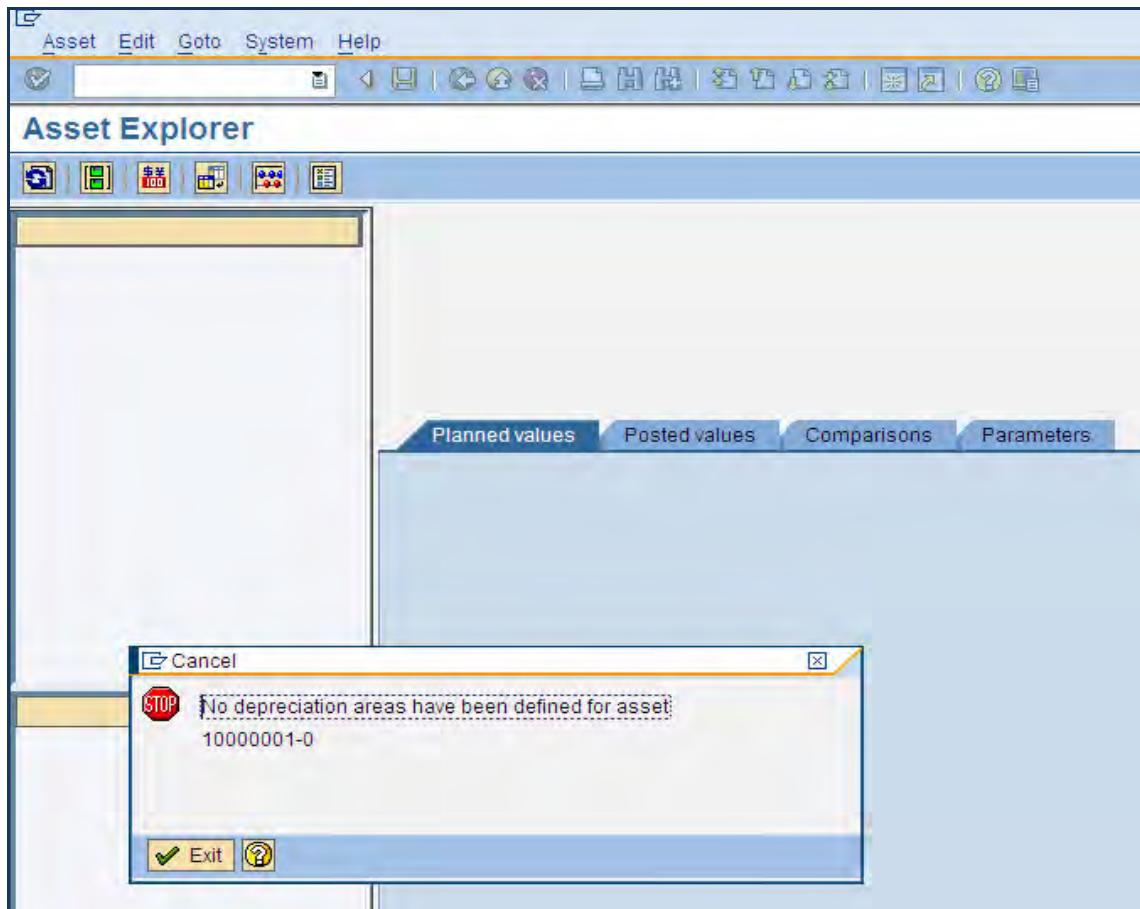


Figure 1

5. Click on the **Exit** button or press **Shift+F3** to return to the SAP Easy Access screen.

End of document – of T-code AW01N

## 7. Depreciation Run - AFAB

A posting to a fixed asset initially causes the planned depreciation to change in Asset Accounting. The accumulated depreciation accounts and depreciation accounts of the balance sheet and profit and loss statement are not updated immediately, however. The total planned depreciation is not posted to Financial Accounting (only collective documents are created) until the periodic depreciation posting run is executed.

The depreciation posting should be run periodically (annually, semi-annually, quarterly, or monthly). When executed as an update run, the program has to be started in the background.

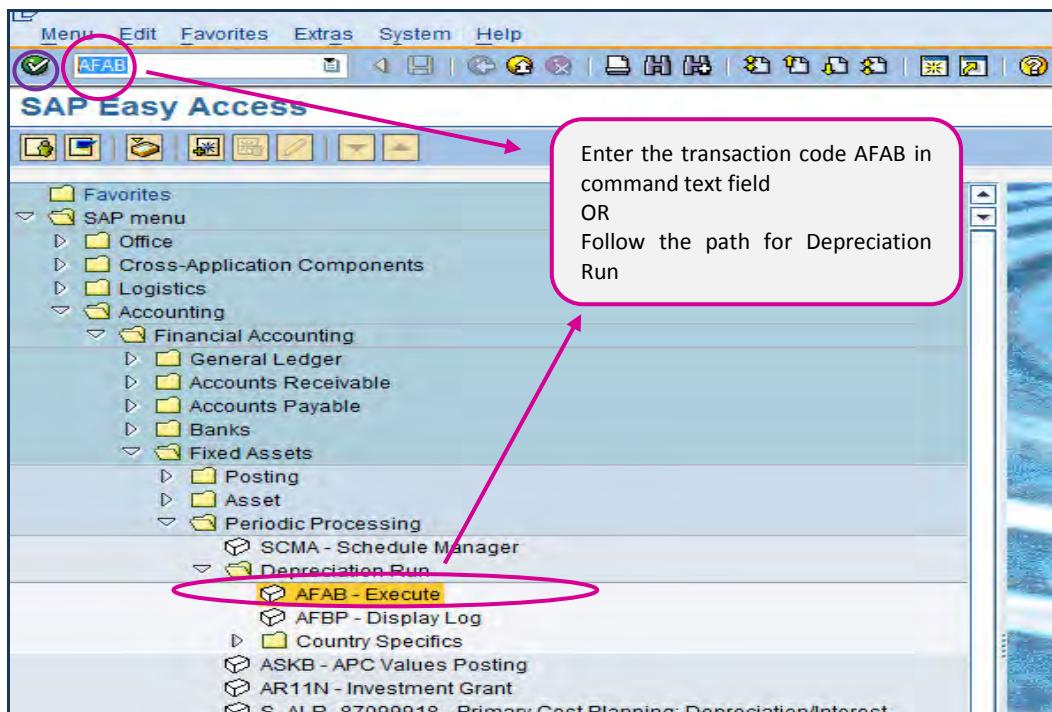
The system creates posting documents for each depreciation area and account group in accordance with the posting cycles specified in Customizing. As the posting date, the system uses

- The last day of the period for normal periods (no special periods)
- The last day of the fiscal year for special periods

When depreciation is configured in SAP the user will do a depreciation run every month to calculate the depreciation and the depreciation value is deducted from asset. The asset depreciation run will generate an accounting transaction to lower the value of assets as maintained in the asset account and charge that to an asset depreciation account - an expense. Even though no cash flow is involved, this transaction lowers the profit (incur loss) of the business. To action depreciation run use transaction code

1. Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting → Financial Accounting → Periodic Processing → Depreciation run</b>
Transaction code	<b>AFAB</b>





## Project: Mission SURE

2. On screen “Depreciation Posting Run Screen”, enter information in the fields as specified in the table below

Field Name	Description	R/O/C	Values
Company Code	Enter your Company Code	R	Example: 1000
Fiscal Year	Enter the fiscal year of the depreciation	R	Example: 2009
Period	Enter the period for the depreciation run	R	Example: 9
Reason for posting run	1. Planned Posting run: Mark this indicator on if the depreciation run is executed first time for the period 2. Repeat Run: Mark the indicator on if repeat run to be executed	R	Example: <input checked="" type="radio"/> Planned posting run <input type="radio"/> Repeat
Test Run	If this check box is selected the program will run in TEST MODE. <b>Make sure to mark the indicator on before actual run</b>	R	Example: <input checked="" type="checkbox"/> Test Run

The system determines the next posting period to be posted in, according to the defined depreciation posting frequency (i.e. monthly, quarterly, yearly)

**Planned posting run**: The system determines the next posting period to be posted in, according to the defined depreciation posting frequency (i.e. monthly, quarterly, yearly)

**Repeat**: Depreciation posting is performed in several steps and at each step the system logs the current status. If a program is terminated during a posting run, then the program has to be started again in restart mode to clear the data base of possible inconsistencies. This should be selected only in SELECTED CASES

**Test Run**: It is possible to repeat the posting run within the period last posted. The repeat run can be restricted to specific assets, the system posts changes to depreciation as compared to depreciation amounts from the previous run.



Note: It is recommended that you activate “Test Run” and “Error Analysis” first before executing final run. This is a very helpful to initially identify and diagnose possible errors during depreciation posting run. As stated above, this transaction is only executed through background processing and logs for errors won’t be displayed.



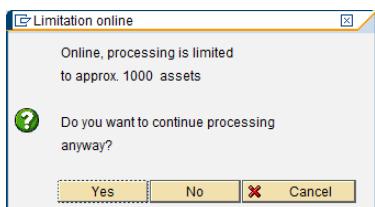
## Project: Mission SURE



Note: To display the possible error messages, Select *Go to → Error Log*. If depreciation posting run contain errors, a pop-up screen with message "Document lines: Display messages" appears. Otherwise, a message "No errors" will be displayed. Below is a screen shot of an error message:

Click on the message to display the analysis of the error. Once error resolved, you may retry executing Test Run until message "No errors" appears. Then execute a Final Run of your depreciation posting run through background processing

3. Press F8 or click on **Execute** button
4. If the following message is displayed, Press yes to continue



5. You will be prompted with the following screen

The screenshot shows the SAP interface for a depreciation posting run. The title bar reads "Depreciation Posting Run for company code 1100". The main area is titled "TEST RUN". It displays two tables of depreciation data. The first table is for "Ordinary deprec." and the second for "Revaluation APC". The data includes columns for Acct.det, BusA, Cost Ctr, DocumentNo, Description, Planned Amount, Amount Posted, Amount TBP, Cumul.Amt, and Crcy. The tables show various asset numbers and their corresponding depreciation amounts. At the bottom of the screen, there are two green callout boxes: one on the left stating "TEST RUN completed successfully" and "A document was created", and one on the right stating "Test run completed successes fully. Press F3 or Back button (green arrow)".



## Project: Mission SURE



Note: As there was no data available, the above screen has been copied from outside TRF for reference purpose

6. On screen “Depreciation Posting Run Screen”, enter information in the fields as specified in the table below

Field Name	Description	R/O/C	Values
Company Code	Enter your Company Code	R	Example: 1000
Fiscal Year	Enter the fiscal year of the depreciation	R	Example: 2009
Period	Enter the period for the depreciation run	R	Example: 9
Reason for posting run	Repeat Run: Mark the indicator on if repeat run to be executed	R	Example: <input type="radio"/> Repeat
Test Run	If this check box is selected the program will run in TEST MODE. <b>Make sure to mark the indicator on before actual run</b>	R	Example: <input checked="" type="checkbox"/> Test Run



Note: Remove parameters on Test Run - Remember before running the actual remove the indicator in the Test Run box.

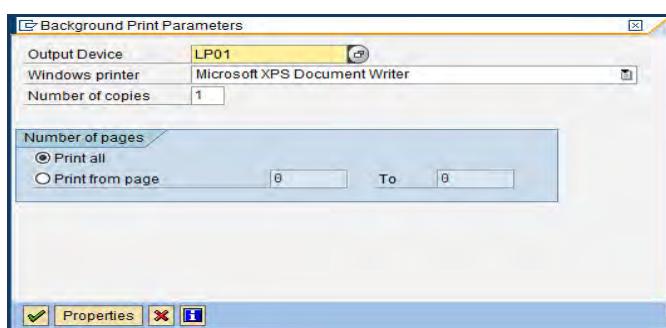


## Project: Mission SURE

7. To execute, Go to program -> Execute in Background or press F9

The screenshot shows the SAP Fiori interface for the 'Mission SURE' project. The top navigation bar includes 'Program', 'Edit', 'Goto', 'System', and 'Help'. A context menu is open under 'Program' with the following options: 'Execute' (F8), 'Execute and Print' (Ctrl+P), 'Execute in Background' (F9, highlighted in orange), and 'Exit' (Shift+F3). Below the menu, there are sections for 'Parameter' (Company Code: 1000, Fiscal year: 2009, Posting Period: 9), 'Reason for posting run' (radio buttons for 'Planned posting run', 'Repeat' (selected), 'Restart', and 'Unplanned posting run'), 'Further options' (checkboxes for 'List assets' and 'List of manual depreciation'), 'Layout' (button), 'Server Group' (button), and 'Parameters for Test Run' (checkboxes for 'Test Run', 'Error Analysis', and 'Output List Only, No Documents', with input fields for 'Main asset number' (200006) and 'Asset subnumber' (0)).

8. You will be prompted with the **Print Parameters** pop up window, enter the printer name and select other options according and press Enter

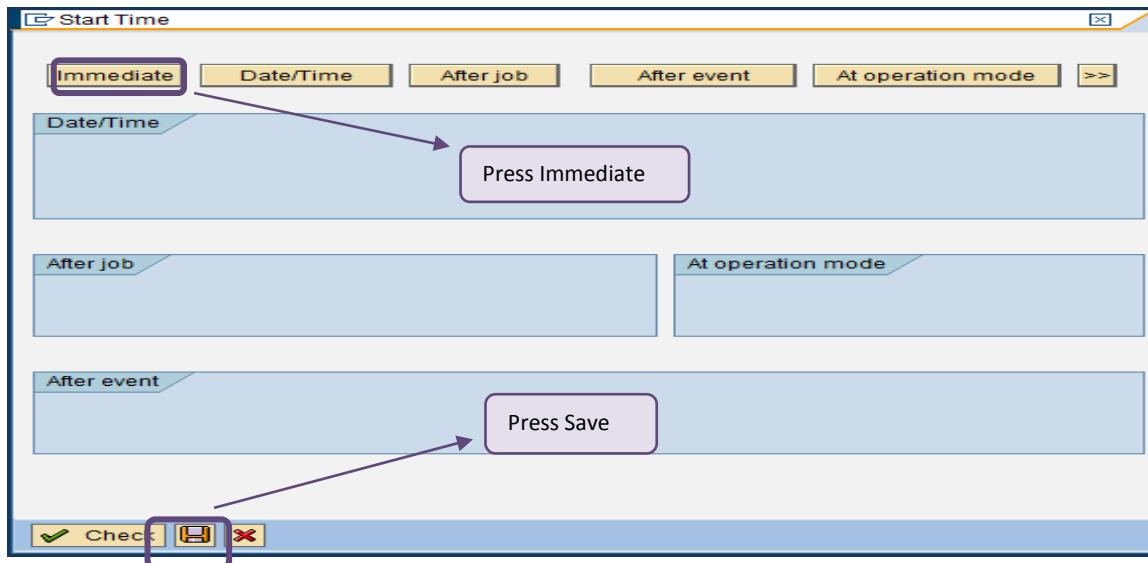


Note: Please select the required printer based on per permissions or location of local printer



## Project: Mission SURE

9. You will be prompted with the **Start Time** pop up window



Note: Below options can be selected and details updated per need basis, these fields can be skipped

**Date/Time**

Scheduled start      Date  Time   
No Start After      Date  Time

**After job**

Name   Start status-dependent

**After event**

Event   Parameter

**At operation mode**

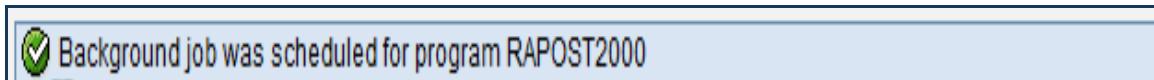
At operation mode      Name



## Project: Mission SURE

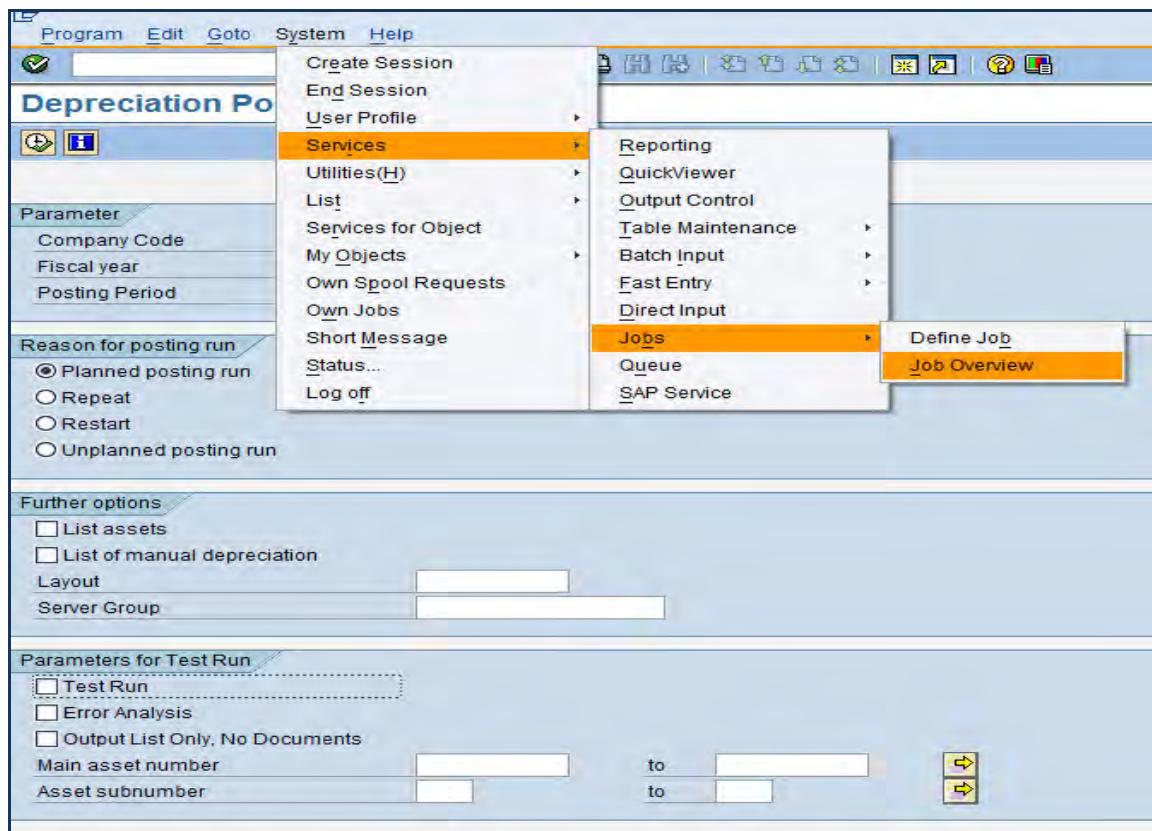
10. Depreciation run steps are clear- Press immediate, and then save

11. Following message will be displayed in the status bar



12. As soon as the job is finished an account will be generated in the system

13. Next go to System->Services->Jobs->Job overview, to check if the job is ready





## Project: Mission SURE

14. Choose **Execute**

The screenshot shows the SAP Simple Job Selection interface. It includes fields for 'Job name' (containing an asterisk), 'User name' (set to 'TCL\_02'), and various status filters like 'Released', 'Ready', 'Active', 'Finished', and 'Canceled'. Below these are sections for 'Job start condition' (with 'From' and 'To' dates both set to '10.12.2009') and 'Job step' (with 'ABAP program name' empty). The 'Execute' button is highlighted.

The screenshot shows the SAP Job Overview interface. It displays a table of scheduled jobs. One row is highlighted with an orange border, showing two entries for 'RAPOST2000' with user 'TCL\_02'. The first entry is 'Finished' and the second is also 'Finished'. A callout bubble points to this row with the text: 'You see an overview of the jobs to be run today under your name. Only when your job has the status Finished you can execute the postings'.

Job	Ln	Job Created	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
<input type="checkbox"/> RAPOST2000		TCL_02	Finished	10.12.2009	09:53:46	2	0
<input checked="" type="checkbox"/> RAPOST2000		TCL_02	Finished	10.12.2009	10:14:08	1	0
*Summary							

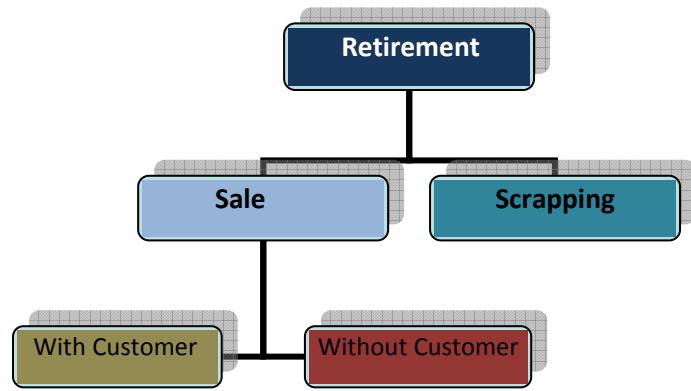
15. You see an overview of the jobs to be run under your name. Only when your job has the status *Finished* you can execute the postings

16. To change the status at any time, choose **Refresh**

17. Click on the **Exit** button or press **Shift+F3** to return to the SAP Easy Access screen.

End of document – of T-code AFAB

## 8. Asset Retirement



### Asset Sale with Customer

The system enables you to post the entry to Accounts Receivable, the revenue posting and the asset retirement in one step. In this posting transaction, you must first post the revenue (debit A/R, credit revenue from asset sale), and then post the asset retirement. An indicator in the posting transaction specifies that the system posts the asset retirement after the revenue posting.

The prerequisite for this is that the sales revenue account in Financial Accounting, to which the revenue should be posted, has a field status variant in its master data in which the "Asset retirement" field (category Asset Accounting) is defined as a required or optional entry field.

### Retirement without Revenue

A retirement without revenue is the removal of an asset from the asset portfolio without any revenue, for example, by scrapping. When you use this posting option, the system does not create revenue and profit and loss postings. Instead it creates the posting "loss from an asset retirement without revenue" in the amount of the net book value being retired.

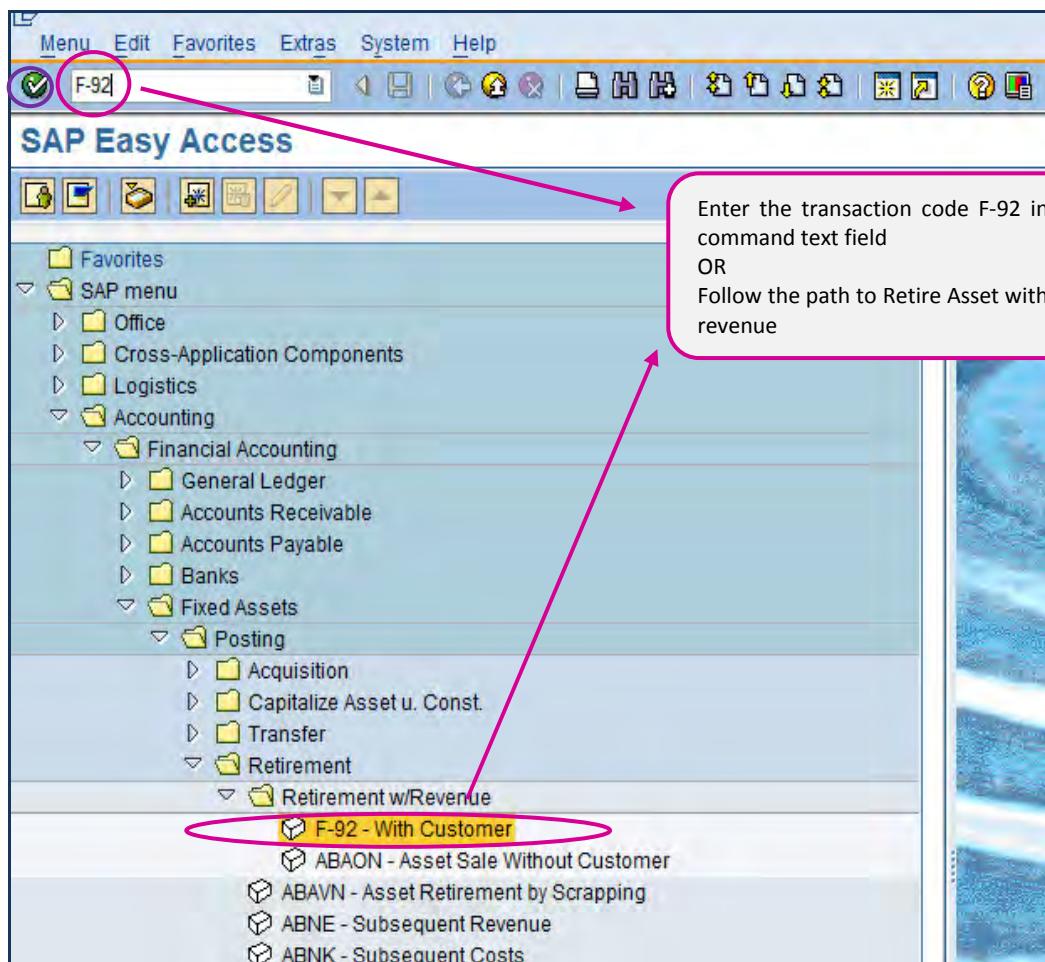
## 9. Asset Retirement from Sale with Customer – F-92

Asset retirement is the removal of an asset or part of an asset from the asset portfolio. This removal of an asset (or part of an asset) is posted from a bookkeeping perspective as an asset retirement. Depending on the organizational considerations, or the business transaction which leads to the retirement, you can distinguish the following types of retirement:

- An asset is sold, resulting in revenue being earned. The sale is posted with a customer.
- An asset is sold, resulting in revenue being earned. The sale is posted against a clearing account.
- An asset has to be scrapped, with no revenue earned.
- An asset is sold to an affiliated company

1. Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting → Financial Accounting → Fixed Assets → Posting → Retirement → Retirement w/Revenue → F-92 – With Customer</b>
Transaction code	<b>F-92</b>





## Project: Mission SURE

2. Update the information in the fields as specified in the table below

Field Name	Description	R/O/C	Values
<b>Header Information</b>			
Document date	Source document date	R	Example: Any date
Document Type	The default document type for this screen is DR. Do not Change it	R	Example: DR
Company Code	Company Code	R	Example: 1000
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	Example: Any Date
Reference	One of the key fields that can be used to search for documents at a later retrieval date. Any user-defined text	R	Example: Asst Rtrmnt
<b>Line Item information</b>			
Posting Key	Posting keys represent Debit or Credit entry of any account type (debit customer invoice)	R	Example: 01
Account	Enter the Customer account Number	R	Example: 100030

The screenshot shows the 'Asset Retire. frm Sale w/ Customer: Header Data' screen. The top menu bar includes Document, Edit, Goto, Extras, Settings, Environment, System, and Help. Below the menu is a toolbar with various icons. The main area displays header data fields:

Document Date	10.12.2009	Type	DR	Company Code	1000
Posting Date	10.12.2009	Period	9	Currency/Rate	INR
Document Number				Translatn Date	
Reference	Asst Rtrmnt			Cross-CC no.	
Doc.Header Text					
Trading Part.BA					

At the bottom, a summary line item is shown with the following details:

PstKy	01	Account	100030	GL Ind	TType
-------	----	---------	--------	--------	-------

3. Click the Enter button, the system will take you to the below screen



## Project: Mission SURE

4. Update the **required** and optional fields by capturing the necessary data

Field Name	Description	R/O/C	Values
Amount	Enter the asset value amount	R	Example: 4555000
Posting Key	Enter Posting Key 50 to credit G/L Account	R	Example: 50
Account	Enter G/L Account Number (clearing account or Revenue Account)	R	Example: 1001002

5. Click the Enter button, the system will take the user to the below screen, Update the **required** and optional fields by capturing the necessary data

Field Name	Description	R/O/C	Values
Amount	Enter the asset value amount or “*”	R	Example: 4555000 or “*”
Profit Center	Enter the profit Center	R	Example: BMHE



## Project: Mission SURE

Document Edit Goto Extras Settings Environment System Help

Enter Customer Invoice: Add G/L account item

G/L Account 1001002 CENTRAL BANK - CASH CREDIT-Main  
Company Code 1000 TRF LIMITED

Item 2 / Credit entry / 50

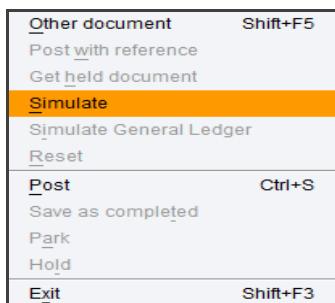
Amount + INR  Calculate tax  
Business Place

Cost Center   
Profit Center BMHE   
WBS Element   
Value Date 10.12.2009  
Assignment   
Text

Next Line Item

PstKy  Account  SGL Ind  TType  New co.code

6. You can check your document before postings. Select **Document → Simulate**.



7. Verify the details and to post your entries, click the **Save**  button



## Project: Mission SURE

SAP ERP System - SAP GUI

Enter Customer Invoice: Display Overview

Document Date: 10.12.2009 Type: DR Company Code: 1000  
Posting Date: 10.12.2009 Period: 9 Currency: INR  
Document Number: INTERNAL Fiscal Year: 2009 Translatn Date: 10.12.2009  
Reference: Cross-CC no.:  
Doc.Header Text: Trading Part.BA:

Items in document currency

PK	BusA	Acct	INR	Amount	Tax amnt
001	01	0000100001	AARTI STEELS LIMITE	4.555.500,00	
002	50	0001001002	CENTRAL BANK - CASH	4.555.500,00-	

D: 4.555.500,00 C: 4.555.500,00 0,00 2 Line items

8. The message bar displays: "Document 1409000015 was posted in company code 1000" – record this number below.

Document 1809000010 was posted in company code 1000

9. Click on the **Exit** button or press **Shift+F3** to return to the SAP Easy Access screen.

End of document – of T-code F-92

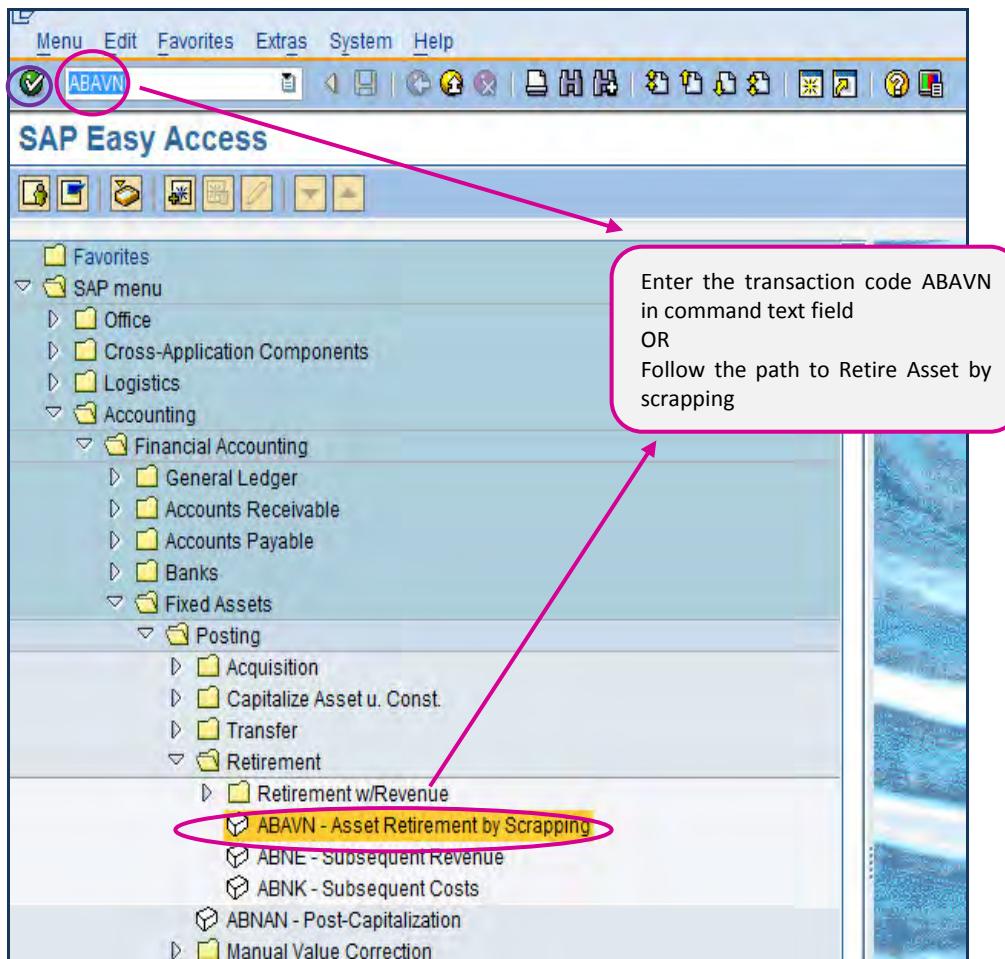
## 10. Asset Retirement - Without Revenue/Scraping - ABAVN

Retirement without revenue is a removal of an asset from the asset portfolio without any revenue, for example, by scrapping. When you use this posting option, the system does not create revenue and gain/loss postings. Instead it creates a loss from an asset retirement without revenue posting in the amount of the net book value being retired.

When an asset is retired without revenue, the system generates a *loss for asset retirement without revenue* equal to the retired net book value instead of the revenue and gain/loss posting.

- Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting → Financial Accounting → Fixed assets → Posting→ Retirement → Asset Retirement by Scrapping Asset</b>
Transaction code	<b>ABAVN</b>





## Project: Mission SURE

2. On the *Enter Asset transaction: Asset Retirement by Scrapping* screen, make the following entries:

Field name	Description	R/O/C	Values
Asset	Asset Number of the Retiring Asset	R	Example: 200006 - 0
Document Date	Date of the Source document	R	Example: Today's 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	Example: Today's Date
Asset Val. Date	The date from which system stop depreciation.	R	Example: Today's Date
Text	Contains an explanatory text line	O	Example: Asst Scrapping

Enter Asset Transaction: Asset Retirement by Scrapping

Company Code 1000 Asset 200006

Document Date 10.12.2009  
Posting Date 10.12.2009  
Asset Value Date 10.12.2009  
Text Asst Scrapping

Key in the asset number or  
press on this **input** help  
icon, which will list out  
the assets available



## Project: Mission SURE



**Note:** If no depreciation area defined then the asset will not simulate. Message will be displayed at the bottom of the screen.

3. Click on the **Save** button or press **Ctrl + S** to post the document.
4. The entry will get posted
5. Click on the **Exit** button or press **Shift+F3** to return to the **SAP Easy Access** screen.

End of document – of T-code ABAVN



- Warning



- Error



- Information



## Project: Mission SURE



### Partial Retirement

1. Follow the above procedure from point 1 to 3 and additionally
2. Click the **Partial Retirement** tab and enter the Posting period, Document Type and the Transaction type

Field name	Description	R/O/C	Values
Amount Posted	Amount posted per depreciation area and business transaction	R	Example: 1500000
Percentage Rate	IF YOU WANT TO POST PARTIAL RETIREMENT, ENTER THE AMOUNT OF THE ASSET BEING RETIRED AS A PERCENTAGE HERE	R	Example: 50%
Quantity	Portion of the total purchase order quantity that you wish to allocate to this accounting assignment. The quantity entered determines which portion of the costs you wish to distribute to this account assignment team	R	Example: 5
Related to	The asset acquisition type	R	Example: <input checked="" type="radio"/> From curr.-yr aquis.

Transaction Edit Goto Extras Environment System Help

Enter Asset Transaction: Asset Retirement by Scrapping

Line items Change company code Multiple assets

Company Code 1000 TRF LIMITED  
Asset 200006 Computer

Transaction data Additional details Partial retirement Note

Amount posted 1500000  
Percentage rate 50  
Quantity 5

Related to  
 Prior-year aquis.  
 From curr.-yr aquis.

6. Click on the **Save** button or press **Ctrl + S** to post the document.
7. The entry will get posted
8. Click on the **Exit** button or press **Shift+F3** to return to the **SAP Easy Access** screen.



The system task is complete

## 11. Transfer within Company Code - ABUMN

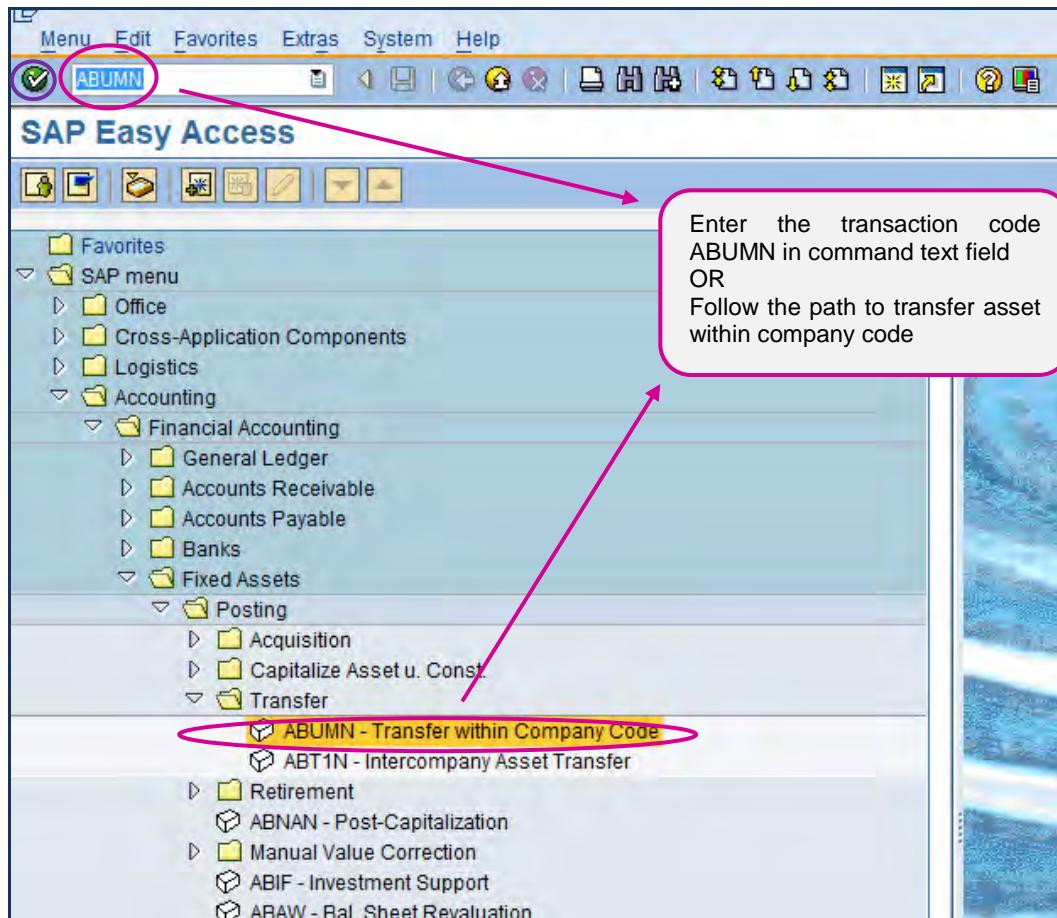
There are basically three reasons why you might need to carry out an intra-company transfer within a company code. One reason is if changes are made to organizational structures (reclassification of asset classes, changes to profit centers, and so on). Second, an intra-company transfer might be necessary if account assignments are incorrect (for example, incorrect asset class). The third reason is if a managed asset under construction is completed for summary settlement.

Intra-company transfers from one fixed asset to another within the same company code can be carried out in one step. Automatic intra-company transfers are only possible, however, if no values from the sending asset are lost and every area of the target asset is supplied with values

Use this process when the class of Asset is needed to be changed.

1. Access the transaction choosing one of the following navigation options:

SAP R/3 menu	<b>Accounting → Financial Accounting → Posting → Transfer → ABUMN - Transfer within Company Code</b>
Transaction code	<b>ABUMN</b>





## Project: Mission SURE

2. On the *Enter Asset transaction: Asset Retirement by Scrapping* screen, make the following entries:

Field name	Description	R/O/C	Values
Asset	Asset Number of the Retiring Asset	R	Example: 200006-0
Document Date	Date of the Source document	R	Example: Today's 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	Example: Today's Date
Asset Val. Date	The date from which system stop depreciation.	R	Example: Today's Date
Text	Contains an explanatory text line	O	Example: Asset Transfer

The screenshot shows the SAP Enter Asset Transaction: Transfer within Company Code screen. The transaction details are as follows:

- Company Code: 1000 (TRF LIMITED)
- Asset: 200006 (Computer)
- Transfer to:
  - Existing asset: 200001 (Laptop)
  - New asset: (empty)
- Text: Asset Transfer
- Transaction Data:
  - Document Date: 10.12.2009
  - Posting Date: 10.12.2009
  - Asset Value Date: 10.12.2009
  - Text: Asset Transfer

3. Click on the **Save** button or press **Ctrl + S** to post the document.
4. The entry will get posted
5. Click on the **Exit** button or press **Shift+F3** to return to the **SAP Easy Access** screen.

End of document – of t-code ABUMN



## Project: Mission SURE



### Partial Transfer

1. Follow the above procedure from point 1 to 3 and additionally
2. Click the **Partial Transfer** tab and enter the Posting period, Document Type and the Transaction type

Field name	Description	R/O/C	Values
Amount Posted	Amount posted per depreciation area and business transaction	R	Example: 1500000
Percentage Rate	IF YOU WANT TO POST PARTIAL RETIREMENT, ENTER THE AMOUNT OF THE ASSET BEING RETIRED AS A PERCENTAGE HERE	R	Example: 50%
Quantity	Portion of the total purchase order quantity that you wish to allocate to this accounting assignment. The quantity entered determines which portion of the costs you wish to distribute to this account assignment team	R	Example: 5
Related to	The asset acquisition type	R	Example: <input checked="" type="radio"/> From curr.-yr aquis.

3. Click on the **Save** button or press **Ctrl + S** to post the document.
4. The entry will get posted
5. Click on the **Exit** button or press **Shift+F3** to return to the **SAP Easy Access** screen.



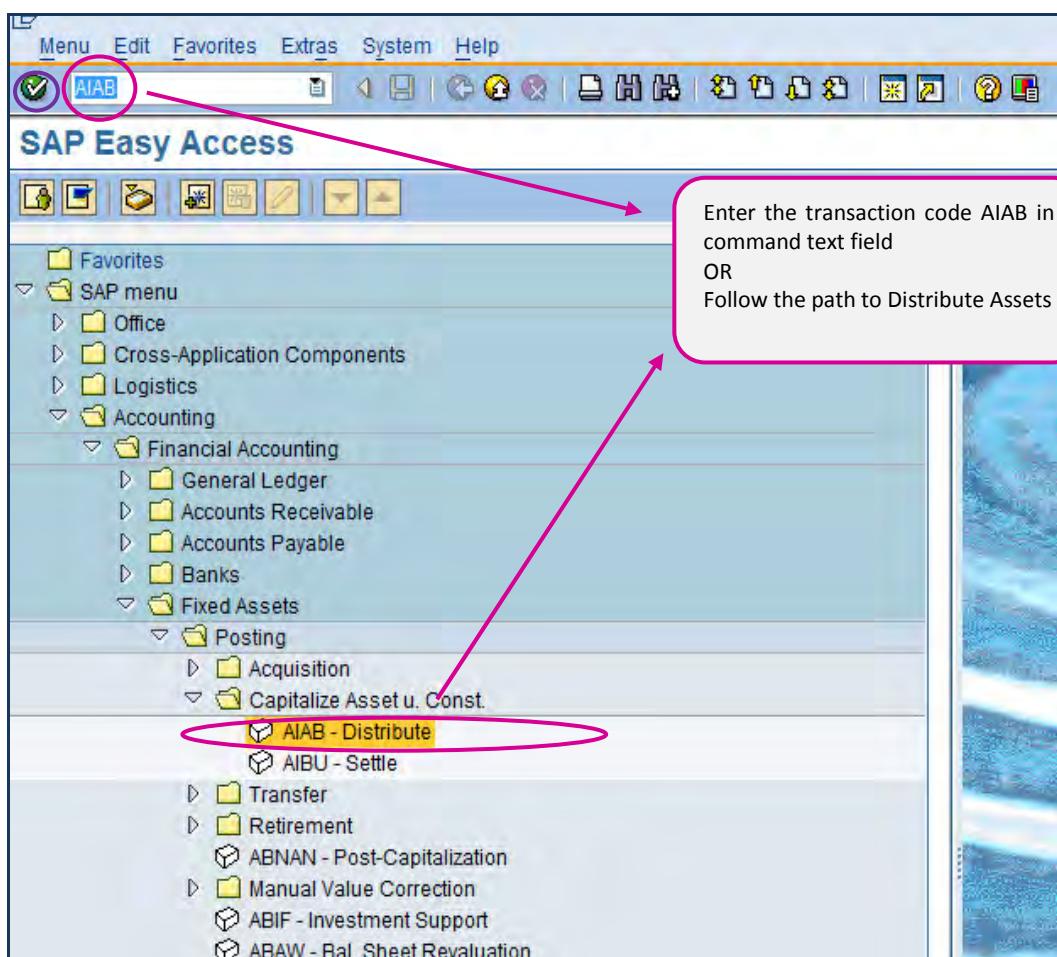
The system task is complete

## 12. Asset under Construction: AIAB

Assets under construction (AuC) are a special form of tangible asset. They are usually displayed as a separate balance sheet item and, therefore, require separate account determination and asset classes. During the phase in which an asset is under construction, all actual postings are assigned to the AuC. Once the asset is completed, a transfer is made to a master record that has to be created in the completed fixed assets. Assets under construction can be managed for summary settlement or by line item. In the case of summary management, the entire expenses incurred are transferred once or several times to the asset(s) in the completed tangible fixed assets at the time of completion. When assets under construction are managed by line item, you can enter settlement rules for every line item assigned to the AuC.

- Access the transaction choosing one of the following navigation options:

SAP menu	<b>Accounting → Financial Accounting → Fixed Assets → Posting → Capitalize Asset u. Const. → Distribute</b>
Transaction code	<b>AIAB</b>





## Project: Mission SURE

2. Enter the Company code, Asset number to be distributed

Settlement AuC: Initial screen

Company Code: 1000

Asset: 960000

Subnumber: 0

Settings

Layout: 1SAP

3. Click on Execute button

Settlement AuC: Line item list

Company code: 1000  
Asset: 960000  
Sub-number: 0

CWIP Machinery

Status	DRC	Assign.	DocumentNo	Doc. Date	TType	AsstValDat	Amount
100			1909000057	01.11.2009	100	01.11.2009	250.000,00
							- 250.000,00

4. Click on Enter button



## Project: Mission SURE

5. In the following screen, enter the Category, Settlement receiver and % and press enter (please refer the below screen shot)

Distribution rule group 1								
Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	No.	Str...	From...	From...
FXA	0000 - 0	CWIP Machinery	100,00		1			

6. Click on Back button, the status would have changed to GREEN

Status	DR...	Assign.	DocumentNo	Doc. Date	TType	AsstValDat	Amount
COO	1	1909000057	1909000057	01.11.2009	100	01.11.2009	250.000,00
							= 250.000,00

Distribution rules saved

7. The system will display that the "Distribution rules saved" in the status bar

8. Click on the Exit button or press Shift+F3 to return to the SAP Easy Access screen.



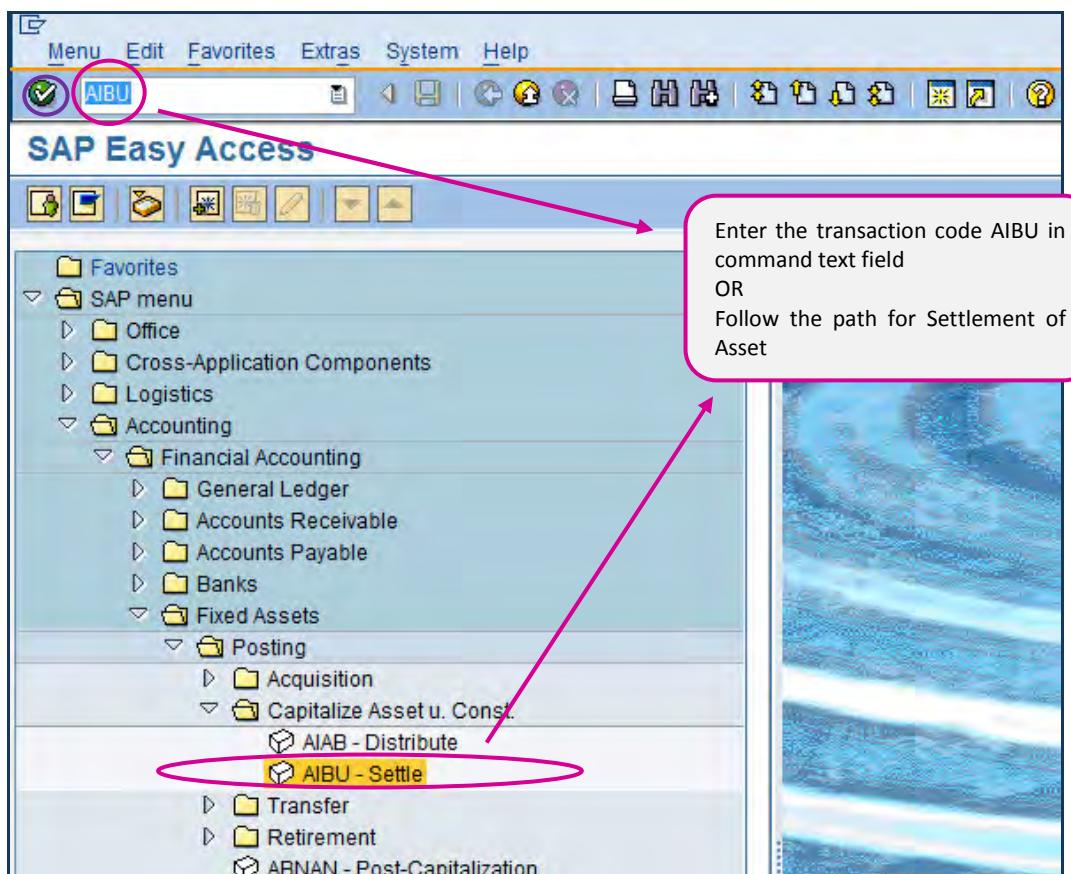
The system task is complete.

End of document – on T-code AIAB

### 13. Asset under Construction: AIBU

- Access the transaction choosing one of the following navigation options:

SAP menu	<b>Accounting → Financial Accounting → Fixed Assets → Posting → Capitalize Asset u. Const. → AIBU – Settle</b>
Transaction code	<b>AIBU</b>





## Project: Mission SURE

2. On screen “AuC Settlement: Initial Screen” enter information in the fields as specified in the table below

Field Name	Description	R/O/C	Values
Company Code	Enter your Company Code	R	Example: 1000
Asset	Enter the asset to be settled	R	Example: 960001
Sub-number	Enter the sub asset number	O	Example: 0
Document date	Date on which the original document was issued	R	Example: 29.12.2009
Asset Val. Date	Value date of asset, <b>it can be other than</b> the posting and document date.	R	Example: 29.12.2009
Posting Date	Date of entry	R	Example: 29.12.2009
Period	This is automatically populated, the user can update it as per TRF requirement	R	Example: 9
Test Run	If this check box is selected the program will run in TEST MODE. <b>Make sure to mark the indicator on before actual run</b>	R	Example: <input checked="" type="checkbox"/> Test Run

### Note:

When the flag is active: the program is executed normally, all checks in the program are performed, their results are output in various forms (as single message, as a collection of messages, or as a log), but existing data are not changed.

When the flag is inactive: the program is executed normally. All data changes (change, delete, insert new data records) are made in the database (real run).

The screenshot shows the SAP-like interface for the AuC Settlement: Initial Screen. The top menu bar includes Settlement, Edit, Goto, Extras, Environment, System, and Help. Below the menu is a toolbar with standard SAP icons. The main content area is titled "AuC Settlement: Initial Screen". It features several sections for input:

- Company code:** 1000
- Asset:** 960001
- Sub-number:** 0
- Date specifications:** Document Date: 29.12.2009, Asset Val. Date: 29.12.2009 (highlighted in yellow), Posting Date: 29.12.2009, Period: 9
- Additional specifications:** Text, Document Type, Assignment, Reference
- Processing options:**  Test Run,  Detail List



## Project: Mission SURE

3. Click on Execute button

The screenshot shows the SAP interface for 'AuC Settlement: Initial Screen'. At the top, there's a toolbar with various icons. Below it, a message area displays company code 1000, asset 960001, period 09, fiscal year 2009, document date 29.12.2009, doc.type AA, and val. date 29.12.2009. The main area contains a table titled 'Settlement Receiver' showing four entries for asset 900002, each with a value of 250.000,00 INR.

Acct Assignment Cat.	Settlement Receiver	T	Amount posted	Crcy
Asset	900002 0 cwip	346	250.000,00	INR
	900002 0 cwip	..	250.000,00	INR
Asset	..	..	250.000,00	INR
	...	...	250.000,00	INR

4. Verify the details and click on Back button

The screenshot shows the 'AuC Settlement: Initial Screen' configuration screen. It includes fields for Company code (1000), Asset (960001), Sub-number (0), and Date specifications (Document Date, Asset Val. Date, Posting Date, Period). There are also sections for Additional specifications (Text, Document Type AA, Assignment, Reference) and Processing options (Test Run, Detail List).



## Project: Mission SURE

12. Now, uncheck Test run  **Test Run**  check box and click on Execute

The screenshot shows the SAP AUC Settlement: Initial Screen. At the top, it displays company code 1000, asset 960001, period 09, fiscal year 2009, doc.type AA, and posting date 29.12.2009. Below this is a table titled 'Settlement Receiver' showing four entries for asset 900002, each with a value of 250.000,00 INR. In the status bar at the bottom, there is a message indicating an asset transaction was posted with document number 1009000138.

Acct Assignment Cat.	Settlement Receiver	T	Amount posted	Crcy
Asset	900002 0 cwip	346	250.000,00	INR
	900002 0 cwip	▪	250.000,00	INR
Asset	▪	▪	250.000,00	INR
	▪	▪▪	250.000,00	INR

13. The system will display that the “Asset transaction posted with document no. 1009000138” in the status bar

14. Click on the Exit button or press Shift+F3 to return to the SAP Easy Access screen.



The system task is complete.

**End of document – on T-code AIBU**

## 14. Fixed Asset Register - S\_ALR\_87011963

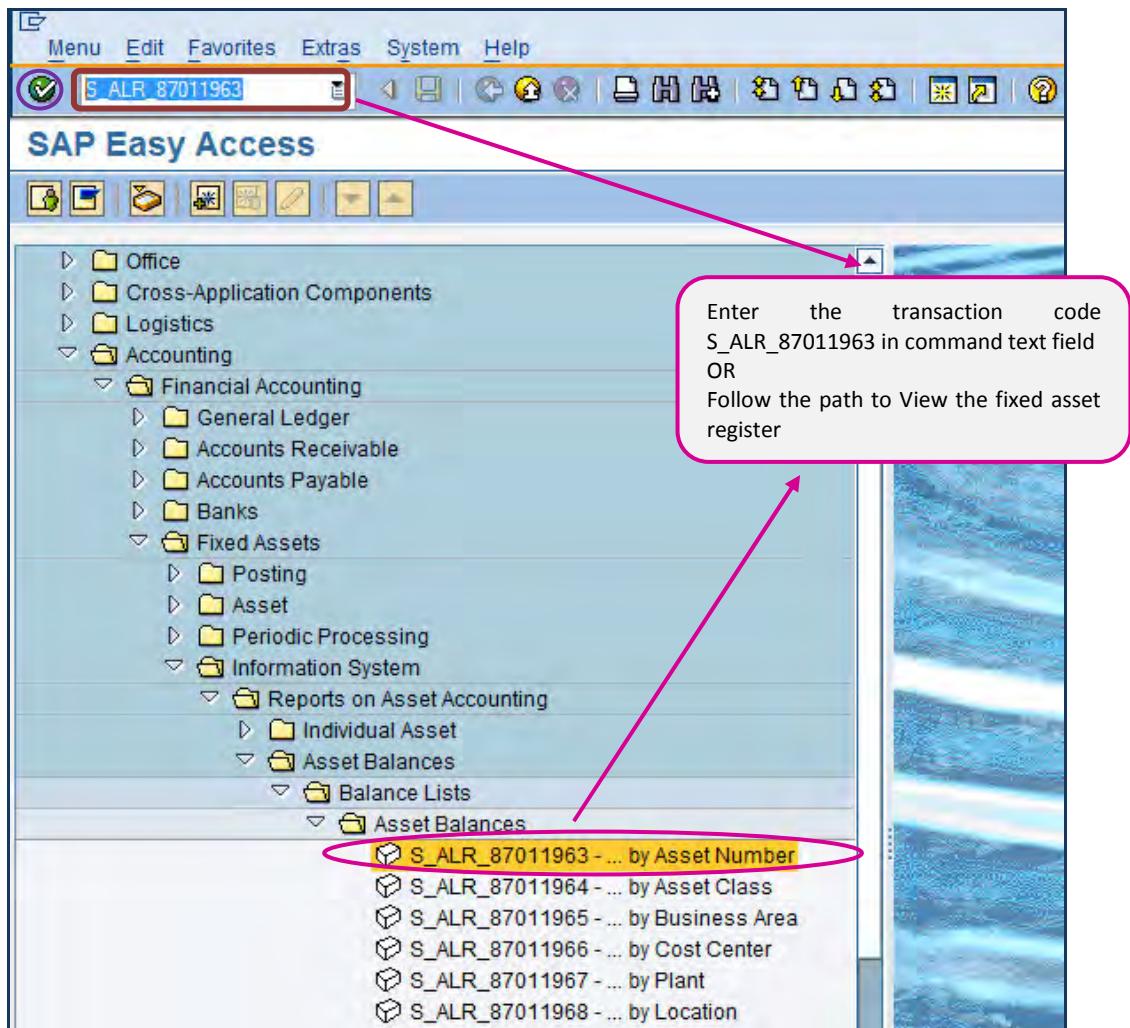
The report displays the values of all assets in a depreciation area. The following values are displayed in detail per asset:

- The cumulative acquisition value at the beginning of the fiscal year
- Accumulated depreciation, including the planned depreciation for the current fiscal year (the sum of all depreciation types)
- The planned book value at the end of the reporting year

Additional standard versions of the report allow for primary selection and creation of totals according to various criteria (asset class, business area, cost center, and so on).

1. Access the transaction choosing one of the following navigation options:

SAP R/3 menu	Accounting → Financial Accounting → Fixed assets → Information System → Reports on asset Accounting → Asset Balances → Balance List → Asset Balances → S_ALR_87011963
Transaction code	S_ALR_87011963





## Project: Mission SURE

2. Update the following required and optional fields

Asset Balances

Company code: 1000

Asset number:

Subnumber:

Settings

Report date: 31.12.2009

Depreciation area: 01

Sort Variant: 0001

Book deprec.

Co. code/bus. area/bal. item/

Display options

Display variant:

Use ALV grid

Here the user can update the asset number or provide number range if available

3. Click on **Execute** button, the following Asset Balances screen will be displayed. The user can verify the details from this screen

Asset Balances - 01 Book deprec.

Report date: 31.12.2009 - Created on: 26.12.2009

C...	B...	Bal.sh.itm	Acctn APC	Class	Description	Acquis.val.	Accum.dep.	Book val.	Crcy
1000	FA	200003	TRF200	Plant & Machinery- W		25.652.525,00	1.939.059,00-	23.713.465,00	INR
		200003				25.652.525,00	1.939.059,00-	23.713.465,00	INR
		200004	TRF300	Furniture & Fittings		215.000,00	10.254,00-	204.745,00	INR
		200004				215.000,00	10.254,00-	204.745,00	INR
		200005	TRF400	Office Equipments		15.000,00	613,00-	14.387,00	INR
		200005				15.000,00	613,00-	14.387,00	INR
		200006	TRF500	Motor Vehicles		160.140,00	750,00-	159.390,00	INR
		200006				160.140,00	750,00-	159.390,00	INR
		200010	TRF800	Technical Know-how		15.000,00	144,00-	14.855,00	INR
		200010				15.000,00	144,00-	14.855,00	INR
		200011	TRF950	CIVIP-Buildings Facto		25.000,00	0,00	25.000,00	INR
		200011				25.000,00	0,00	25.000,00	INR
	FA					26.082.665,00	1.950.820,00-	24.131.845,00	INR
						26.082.665,00	1.950.820,00-	24.131.845,00	INR
						26.082.665,00	1.950.820,00-	24.131.845,00	INR
10						26.082.665,00	1.950.820,00-	24.131.845,00	INR

Acquisition value of the asset

Accumulated Depreciation

Book value of the asset



## Project: Mission SURE

4. Select a line item and double click to view details of the asset

C..	B..	Bal.sh.itm	Acctn: APC	Class	Description	Acquis.val.	Accum.dep.	Book val.	Crcy
1000	FA	2000003	TRF200	Plant & Machinery- W	25.652.525,00	1.939.059,00-	23.713.466,00	INR	
		2000003	TRF200	Furniture & Fittings	25.652.525,00	1.939.059,00-	23.713.466,00	INR	
		2000004	TRF300	Furniture & Fittings	215.000,00	10.254,00-	204.746,00	INR	
		2000004	TRF400	Office Equipments	215.000,00	10.254,00-	204.746,00	INR	
		2000005	TRF400	Office Equipments	15.000,00	613,00-	14.387,00	INR	
		2000005	TRF500	Motor Vehicles	15.000,00	613,00-	14.387,00	INR	
		2000006	TRF500	Motor Vehicles	160.140,00	750,00-	159.390,00	INR	
		2000006	TRF800	Technical Know-how	160.140,00	750,00-	159.390,00	INR	
		2000010	TRF800	Technical Know-how	15.000,00	144,00-	14.856,00	INR	
		2000010	TRF950	CWIP-Buildings Facto	15.000,00	144,00-	14.856,00	INR	
		2000011	TRF950	CWIP-Buildings Facto	25.000,00	0,00-	25.000,00	INR	
		2000011	TRF950	CWIP-Buildings Facto	25.000,00	0,00-	25.000,00	INR	
	FA	2000003	TRF200	Plant & Machinery- W	26.082.665,00	1.950.820,00-	24.131.845,00	INR	
		2000003	TRF200	Plant & Machinery- W	26.082.665,00	1.950.820,00-	24.131.845,00	INR	
		10	FA	Plant & Machinery- W	26.082.665,00	1.950.820,00-	24.131.845,00	INR	

5. The below screen will be displayed with the details of the particular asset selected

Asset	SNo.	Cap.date	Asset description	Acquis.val.	Accum.dep.	Book val.	Crcy
200000	0	17.11.2009	laptop lak	150.000,00	2.998,00-	147.002,00	INR
200001	0	01.05.2009	lathe machine	25.502.525,00	1.936.061,00-	23.566.464,00	INR
			Asset Class TRF200 Plant & Machinery- W	25.652.525,00	1.939.059,00-	23.713.466,00	INR
			Acquisition:Acquis. and production costs 2000003 PLANT & MACHINERY	25.652.525,00	1.939.059,00-	23.713.466,00	INR
			Balance sheet item FA Fixed Assets	25.652.525,00	1.939.059,00-	23.713.466,00	INR
			Business Area	25.652.525,00	1.939.059,00-	23.713.466,00	INR
			Company Code 1000 TRF LIMITED	25.652.525,00	1.939.059,00-	23.713.466,00	INR



## Project: Mission SURE

6. Select a line item and double click to view further details of the asset (drill down)

The screenshot shows the SAP Asset Explorer interface. On the left, there's a tree view under 'Asset 1000-200001/0000' with nodes like 'Depreciation Areas', 'Book depreciation', and 'Depreciation areas'. The main panel displays asset details: Company Code 1000 (TRF LIMITED), Asset 200001 (lathe machine), and Fiscal year 2009. Below this are tabs for 'Planned values', 'Posted values', 'Comparisons', and 'Parameters'. The 'Planned values Book depreciation' section shows a table with rows for APC transactions, Investment support, Revaluation APC, Acquisition value, Ordinary deprec., Unplanned dep., Write-ups, Value adjustment, and Revaluation ord.dep. The 'Transactions' section shows a table with rows for 01.05.2009 and 01.05.2009, both categorized as External asset acquisition.

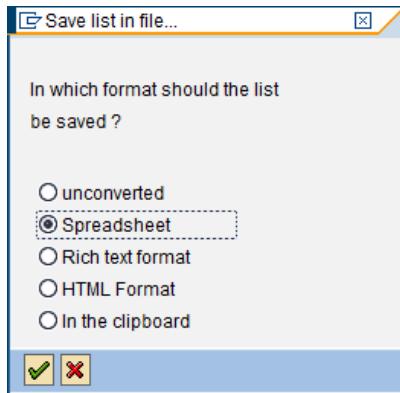
The user can download the details in form of report, follow the below instructions

The screenshot shows the SAP Asset Balances report titled 'Asset Balances - 01 Book depre.'. The report header indicates a report date of 31.12.2009 and was created on 26.12.2009. A context menu is open over the report area, with the 'Export' option selected, showing options like 'Word processing...', 'Spreadsheet...', 'Local file...', 'Extended Storage of SAP Query', and 'Crystal Reports File'. The main table lists various assets with columns for Account, Class, Description, Acquis. val., Accum. dep., Book val., and Crcy. The table includes entries for Plant & Machinery-W, Furniture & Fittings, Office Equipments, Motor Vehicles, Technical Know-how, CWIP-Buildings Facto, and FA.

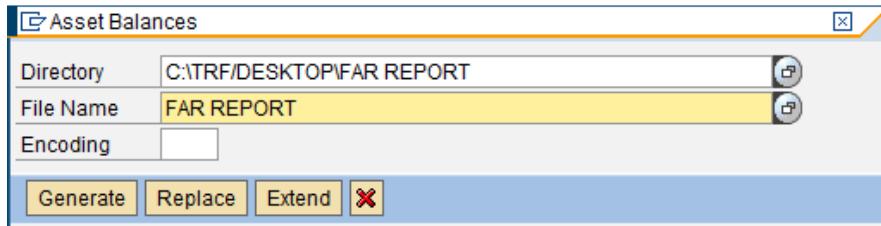


## Project: Mission SURE

7. In the following pop up window



8. Select the Spreadsheet radio button



9. Click on generate button, the file will be downloaded at the directory path given by the user

10. Click on the **Exit** button or press **Shift+F3** to return to the **SAP Easy Access screen**.



The system task is complete.

**End of document – of T-code S\_ALR\_87011963**

## 15. General Icons across SAP

Icons	Description
	Enter
	Back (F3)
	Continue (Enter)
	Cancel (F12)
	Post (Ctrl + S)
	Select All
	Log off or Exit
	Cancel
	Drop down list
	All Selections (Shift + F7)
	Creates a new session
	Generates a shortcut
	Help (F1)
	Customizing of Local Layout (Alt + F12)
	Display Previous Item (Shift + F6)
	Display Next Item (Shift + F7)
	Print (Ctrl + P)
	Find (Ctrl + F)
	Find Next (Ctrl + G)
	First Page (Ctrl + Page up)
	Previous Page
	Next Page
	Last Page (Ctrl + Page down)
	Drop down list (F4)
	Simulate
	Execute (F8)
	Technical Information (Ctrl + Shift + F7)



## Project: Mission SURE

	Message Long Text (Ctrl + Shift + F6)
	Terminations (Shift + F4)
	Filter
	Set in Ascending Order
	Set in Descending Order
	Caution
	Example
	Note
	Recommendation
	Syntax
	External process
	Business Process Alternative/Decision Choice



## Project: Mission SURE

### Cleared/Open Items Symbol

- 🔴 Open items: The item was posted by the key date. It was either cleared after the key date, or has not yet been cleared.
- 🟢 Cleared items: The item had been posted and cleared by the key date.
- 🟡 Parked items.

The key date decides the classification of items as open or cleared: The item status at a key date in the past is reflected. Items posted after the key date are not displayed.

### Net Due Date Symbol

The symbol indicates the due date for net payment for the items open on the key date.

- ⚡ Item is overdue: The due date for net payment has been exceeded on the key date. The payment is in arrears.
- ⚠ Item is due: The item is due for payment without deductions on the key date.
- 🕒 Item is not due: The due date for net payment is after the key date.



## Project: Mission SURE

### Remarks/Notes



## Project: Mission SURE

### Remarks/Notes



## Project: Mission SURE

### Remarks/Notes



## Project: Mission SURE

### Remarks/Notes



## Project: Mission SURE

### Remarks/Notes



## Project: Mission SURE

### Remarks/Notes