

FI - Notes :

SM01 : LIST OF ALL TRANSACTION CODES
SM04 : TO DISPLAY OTHER USERS-
SM12 : TO CLEAR LOCKS
SM35 : TO PROCESS SESSIONS
SE09 : TO RELEASE TRANSPORT REQUESTS [sap/tools/abap
.....workbench/overview/transpost organizer]
SE11 : FOR DATABASE TABLES
SE17 : TO ANALYSE TABLE ERRORS
SE38 : ABAP EDITOR & ALL OPTIONS TO GENERATE , EXECUTE ETC.
SHDB : Batch Data Communication
SEARCH_SAP_MENU : TO SEARCH FOR MENU PATH THRU TRAN CODES

ENTERPRISE STRUCTURE

1. IMG/ES/DEFI/FA : DEFINE COMPANY : Define company, enter address etc. **Done**
2. DEFINE / DELETE / CHECK COMPANY CODE : Define company code / copy from another company code etc. [OX02] **Done**
3. IMG/ES/ASSIG/FA : ASSIGN COMPANY CODE TO COMPANY : Assign the company created under 1 to the company code created under 2. **Done**
TO CHECK GLOBAL SETTINGS - [OBY6]
4. IMG/FA/GLOBAL SETTINGS/FISCAL YEAR - [OB29] **Done**

- Maintain Fiscal Year Variant : fiscal year can be
 1. Year dependent
 2. Year independent
 3. Calender
 4. Shortened
- Period : Fiscal year is made up of periods 1 – 12. There can be a maximum of 12 normal posting periods and 4 special 13-16 posting periods. Thus for a General Ledger there can be a maximum of 16 posting periods, and for a Special Ledger (where cross flow exists like PCA, PCC etc) there can be a maximum of 65 posting periods. Once the FYV is defined, periods can be accessed and defined. Every business transaction is allocated to a posting period. Weekly will have 52 posting periods.
- Day : Last valid calender date to be specified for each period. FYV 24 PP

Month	Day	Period	Year Shift	
1.	1	15	1	+1 for next yr
2.	1	31	2	-1 for last yr
3.	2	14	3	0 for cur yr
4.	2	28	4	periods cannot be maintained for calender dependent FYV.

FYV does not contain info whether a period is open or closed. This is accessed thru open / close posting periods.
- Year dependent fiscal year means the start and end date of the PP of some FY will be different from the dates of other FY, and / or if some FY use a different no of PP. **If one year of a FYV has less posting periods than others, it is called a shortened FY.** This could be required if closing has to be made before the end of the normal FY. The shortened FY and its no of PP has to be specified before the definition of period dates and for this year only, a lesser no of PP can be assigned. FY can be defined separately in different modules, which will take precedence over global settings for that module. Year Independent FY
- | Month | Day | Period | Year Shift |
|-------|-----|--------|------------|
|-------|-----|--------|------------|

1.	Jan	31	10	-1
2.	Feb	28	11	-1
3.	Mar	31	12	-1
4.	Apr	30	1	0
5.	May	31	2	0
6.	Jun	30	3	0
7.	Jul	31	4	0
8.	Aug	31	5	0
9.	Sep	30	6	0
10.	Oct	31	7	0
11.	Nov	30	8	0
12.	Dec	31	9	0

- Assign company code to Fiscal Year Variant. [OB37]

5. IMG/FA/GLOBAL SETTINGS/DOCUMENT

- Posting Periods : The variant principle is widely used in the R/3 system to assign special properties to one or more R/3 objects. The advantage of using variants is that it is easier to maintain properties which are common among several business objects (FSV, FYV, PPV)
 1. Steps : Define the variant - K4
 2. Populate the variant - calendar year
 3. Assign the variant to the appropriate company code.
- Define Variants for Open Posting Periods : define as necessary. [OBBO]
- Open & Close Posting Periods : In case of a FY which spills over 2 years, define 2002-03 as 2002,2003 with periods 1-12, & 13-16. OB52
- Assign Posting Period Variants to Company Code : assign. [OBBP]
- Document Number Ranges : Copy from. Once copied, internal no range is given. External No range if checked, is to be given by the user. [OBA7]
- Define Document Number Ranges : not necessary if copied earlier.
- Copy to Company Code : not necessary if copied earlier.
- Copy to Fiscal Year : not necessary if copied earlier.

6. IMG/FA/GLOBAL SETTINGS/DOCUMENT HEADER

- Define Document Type : [OBA7] Predefined document types are already in place. SA – G/L a/c type. A/c type allowed :
 1. Assets
 2. Customers
 3. Vendors
 4. Material
 5. G/L Account.
- Control Data :
 1. Net Doc Type – whether NETT
 2. Customer vendor check
 3. Negative postings allowed.
 4. Inter Company Posting.
- Required during Document Entry :
 1. Reference No.
 2. Document Header Text.
- Special Usage :
 1. Batch Input only.
 2. Rollup – minimum details saved.
 3. Planning
 4. Account Allocation
- Default Value : Exchange rate type for foreign currency document [M avg translation rate]

- Assignment of Document Class to Document Type : Document class for Cr Memo would be C.
 1. A - Invoice
 2. B - Payment
 3. C - Credit Memo
 4. D - Debit Memo
 5. E - Customs Document
 6. F - RG ----
 7. G - RG ----
- Maximum Exchange Rate Difference : in %age terms for each co code.

DEFINE RETAINED EARNINGS A/C [OB53]

7. IMG/FA/GLOBAL SETTINGS/LINE ITEM/CONTROLS

- Posting Key [OB41] : 40/50 Dr / Cr GL A/c [global]
- Field Status Variant [OBC4] : [local] - normally copy as. **You group several field status groups into one field status variant.** Assign a company code to a FSV. This allows you to work with the same FSG in any no of co codes. **A FSG determines the screen layout for doc entry. Fields can have the following statuses. Optional / Required / Suppressed entry.** Enter the FSG in the master record of the GL a/c. When a doc is entered, the definitions stored for the group are effective. The FSG determines which fields are ready for input, required and hidden. Bear in mind that additional assignments [i.e. cost centers or orders] are only possible if data can be entered in the corresponding fields.
- Assign FSV to Company Code : assign. [OBC5]
- Screen Variants for Doc Entry :
 1. Standard - to be used.
 2. Austria & Switzerland
 3. France & Withholding Tax – for TDS.
- Define Tolerance Groups for Employees : **Not defining tolerance groups will restrict data entry. [OBA0 / OBA4]**
 1. Valewise [upto 1,000,000 etc]
 2. Cash Discounts
 3. Payment Difference [not recd full amount]
- Assign User / Tolerance Groups : assign.

SIMPLE CHART OF ACCOUNTS

- IMG / FA / GL / Master Records :
 - Preparation : Edit COA List : Desc, Lang, Length [10], Manual Creation of Cost Element.
 - o Assign Co Code to COA : assign.
 - o Define A/c Group : COA, A/c group – name, from a/c to a/c. Field status for a/c control – Suppress / Req'd / Optional.
 - o Define Retained Earnings A/c : Like a P&L a/c to collect & carry forward. [Enter X & 900000] If it gives error message, repeat, & it will save.
 - o Individual Processing : GL A/c Creation & Processing/ Edit GL A/c [INDIVIDUAL PROCESSING]/ Edit GL Ac Centrally
 - FS00 : Edit GL a/c centrally
 - Screens : Type desc : A/c group, P&L/BS, Text [enter some text]
 - Control Data : INR, Tax Category, Posting w/o tax allowed.
 - Create Bank Int : Field status group, House Bank, A/c Id
 - Fin Stat Version for Reporting : for statutory reporting.
 - o List of A/c created : Info/GL Reports/Master Data S_ALR_87012326 for COA, S_ALR_87012347 for Doc Extract.
 - o Post with Reference : SAP/A/C/FA/GL/DocEntry/Others under F-02 general posting, it is possible to Post with reference. This allows you to call back the document. Post with reference will auto return the latest DOC no, so it is

important to remember the latest Doc no pr obtain it from the list. CAN BE USED FOR REVERSAL POSTINGS ALSO.

- o Account Assignment Model : FKMT - like a template. The entire entry can be prepared & stored under a variant name [xxyyzz etc]. Equivalence is like a %age, where the various a/c's are denoted in %age terms & when the entry is called, the amounts get distributed. The entry is stored but not saved, hence dr/cr need not tally. First create and then go to line items by icon Q [can also be created from FB50 & header edit option]. Use F-02 for entry & recall the AAM from top button. In case of equivalence enter dr & cr items etc. FB50 can also be used to recall AAM thru Header/Environment/Complex posting etc.
- o Sample Document : F-01 this is a document which can be prepared and stored for future use. Dr/Cr need not tally. The entry is not saved. Recall with reference & complete.
- o Recurring Document : FBD1
 - Scheduled to run on a particular date. The amounts have to be known & predefined. [repetitive sales entry etc]
 - The document is scheduled to run on a particular date within the 1st & last run & an interval. Transfer amounts in local currency KEEP ON. A run schedule can also be setup. Here the run date is very important & must be remembered. To find run date use Lists – F.15 GL/Periodic processing/Recurring entries Execute F.14 / Lists F.15.
 - When you execute, after entering only the necessary parameters[1st run etc] at • [process], you will get a message that a session has been created. If the params are incorrect, the session will not be created.
 - To run the session, from header System/services/batch input/sessions select & process [in background] [sm35]
 - Instead of processing above, you can also save as variant, which can be recalled when a job is created. [The variant saves the parameters defined. Hence a new parameter is required everytime. Execute thru sessions]
- o Document Parking : SAP/A/c/FA/GL/Doc Entry
 - FV50 - edit or park G/L Doc
 - F-65 - gen doc parking [posting] clear with FBV0

The document is parked with a sys generated doc no, but not posted. Hence it will not appear in the reports like Doc Extract etc. When FV50 is used with select parked doc [header], you can change the figures, but you can save only if Dr=Cr. For parking the Dr need not = Cr. [Useful to leave an entry halfway.] When saved, the entry is still not posted. Use post to close the issue. To clear F-65 parking goto Parked Documents under Documents & clear with FBV0.

PERIOD END CLOSING

- IMG/FA/GLA/Business Transactions/Closing
 - o Valuating - define valuation areas, valuation methods & prepare automatic postings for foreign currency valuations.
 - o Regrouping - define valuation areas, define adjustment accounts for GR/IR clearing [for goods recd, invoice not recd etc],
 - o Documenting - define financial statement versions **[BAIN for India]**
 - o Reporting - sales/purchases tax returns etc
 - o CarryForwarding - define retained earnings account
- SAP/AC/FA/GL/Periodic Processing/Closing/
 - o Check/Count - F.03 Comparison gives a list of differences due to documents not posted etc if any.
 - o Valuate - F.05 foreign currency valuation
 - o Regroup - F.19 GR/IR clearing
 - o Document - audit trails
 - o Report - Balance sheet, Profit & Loss etc
 - o Carrying Forward - F.16 balance carry forward

CHART OF ACCOUNTS

[OB13]

1. IMG / FA / GL / Master Records : Chart of accounts can be copied for simplicity, though in realtime, it is created from the opening trial balance, schedules to the annual accounts etc.
2. Alternative Methods :
 - o Copy COA [OBY7] – normally copied from INT. Target COA must be NEW. The COA is copied, but not the co code data like variants etc. It is possible to delete a COA, if no data is entered, and it is not assigned.
3. Assign Co Code to COA - [OB62] [Check COA by editing where necessary – Manual Creation of Cost Elements]
4. Deletion : As the co code data is not copied, the existing co code data must be deleted, so that the co code data for the COA can be copied. Therefore DELETE GL A/C WITH GENERAL MASTER DATA IN CO CODE -----.
5. Copy Co Code G/L A/c's from 0001 : [OBY2] copy. [Message of Diff COA is ok][In case you want to create a company from scratch, : IMG/ES/DEF/FA :
 - o Define Company
 - o Define,copy,delete,check co code : copy org object, change currency
 - o Assign Co Code to Company.
6. Batch Data Communication : /NSHDB
 - o New recording - ZFS00
 - o Trancode FS00 - start recording.
 - o FS00 scr comes up. Pass a sample entry & save.
 - o On save, the recorded code comes up.
 - o Save recording.
 - o /NSHDB
 - o You can either run the process by Process Button [top], or create a program thru the program button [top].
 - o Enter program name & transfer from recording.
 - o Title "Z---" & save.
 - o You can change the source code.
 - o Select local object [message is program was created.]

- o On selection you can view the source code.
- o You can then generate & activate & test the prg thru the program option [top].
- o On process as mentioned earlier, a small window opens, and you can change the a/c no & other fields are entered auto.
- o On test you can process thru batch or call trans as above.

7. Master Records

- o Preparation : Edit COA List : Desc, Lang, Length [10], Manual Creation of Cost Element. [FSP1 / FSP2 / FSP3]
- o Change GL A/c Collectively : Mass maintenance where a lot of a/c's can be changed one shot. Selection thru top left icon & t & u. To get rid of the characteristics, put a " " on the top line, & to check use P. Any other field left blank, will be updated as " " in all such fields. Hence deselect all such fields which need not be changed. Useful for "Posting w/o tax allowed etc etc".
- o Define A/c Group : COA, A/c group – name, from a/c to a/c. Field status for a/c control – Suppress / Req'd / Optional. - [OBD4]
- o Define Retained Earnings A/c : Like a P&L a/c to collect & carry forward. If it gives error message, repeat, & it will save. - [OB53]
- o Individual Processing : SAP / A/C / FA / GL / MASTER RECORDS / INDIVIDUAL PROCESSING
 - FS00 : Edit GL a/c centrally
 - Screens : Type desc : A/c group, P&L/BS, Text [enter some text]
 - Control Data : INR, Tax Category, Posting w/o tax allowed.
 - Create Bank Int : Field status group, House Bank, A/c Id
 - Fin Stat Version for Reporting : for statutory reporting.
- o Cross Co Transactions : IMG/FA/GLA/BT/PREPARE CROSS CO CODE TRANSACTIONS : From to is not important, as the ac is created in both companies. Dr/Cr for the same a/c. BUW – clearing against 2 co codes. When a transaction is entered, even though the expense a/c of another co is given, in the 1st co the default cross co code will be picked up, and in the 2nd co, the other effect will be borne by the default code. Hence for one entry, two sets of entries are passed in 2 companies. Ensure that co code is entered in the appropriate line entry. [New Co Code in F-02]
- o Reconciliation A/c : Control account 140000 for Customers, 160000 for Vendors.
- o List of A/c created : Info/GL Reports/Master Data S_ALR_87012326 for COA, S_ALR_87012347 for Doc Extract.
- o Post with Reference : SAP/A/C/FA/GL/DocEntry/Others under F-02 general posting, it is possible to Post with reference. This allows you to call back the document. Post with reference will auto return the latest DOC no, so it is important to remember the latest Doc no or obtain it from the list.
- o Account Assignment Model : FKMT - like a template. The entire entry can be prepared & stored under a variant name [xxyyzz etc]. Equivalence is like a %age, where the various a/c's are denoted in %age terms & when the entry is called, the amounts get distributed. The entry is stored but not saved, hence dr/cr need not tally. First create and then go to line items by icon Q [can also be created from FB50 & header edit option]. Use F-02 for entry & recall the AAM from top button. In case of equivalence enter dr & cr items etc. FB50 can also be used to recall AAM thru Header/Environment/Complex posting etc.
- o Sample Document : F-01 this is a document which can be prepared and stored for future use. Dr/Cr need not tally. The entry is not saved. Recall with reference & complete.
- o Recurring Document: FBD1
 - Scheduled to run on a particular date. The amounts have to be known & predefined. [repetitive sales entry etc]

- The document is scheduled to run on a particular date within the 1st & last run & an interval. A run schedule can also be setup. Here the run date is very important & must be remembered. To find run date use Lists – F.15 GL/Periodic processing/Recurring entries Execute F.14 / Lists F.15.
- When you execute, after [entering only the necessary parameters](#)[1st run etc] at • [process], you will get a message that a session has been created. If the params are incorrect, the session will not be created.
- To run the session, from header System/services/batch input/sessions select & process [in background] [sm35]
- Instead of processing above, you can also save as variant, which can be recalled when a job is created. [The variant saves the parameters defined. Hence a new parameter is required everytime. Execute thru sessions]
- A job can be created in 2 ways :
 - o Defining a task : GL/Periodic Processing/Schedule Manager SCMA When you click on schedule manager, the header will have an option TASK LIST. Clicking TASK LIST will allow you to create a task.
 - o JOB WIZARD : At the SCMA stage, at the header ENVIRONMENT will allow activation of the Job Wizard to create a JOB.
 - § TaskList XYZTKL [create]
 - § Transaction F.14
 - o [an external prg can also be used which SAP will recognize thru BAPI [Bus Appli Prog Interface]
 - § Variant[new] XYZREC1 [created earlier]
 - § JOB XYZJOB [now created]
 - o Recurring entries therefore have to be run on a particular date.
- o Recurring Entries [different dates] : IMG/FA/FAGLOBAL/DOCUMENT/REC_ENTRIES/Define_Run_Schedule Enter Run Dates, Give run schedule name & save. When executing a recurring entry giving the Run Schedule will enable pickup of Run Dates specified. Without Run Date, the session will not be created.
- o Document Parking : SAP/A/c/FA/GL/Doc Entry
 - FV50 - edit or park G/L Doc
 - F-65 - gen doc parking [posting] clear with FBV0

The document is parked with a sys generated doc no, but not posted. Hence it will not appear in the reports like Doc Extract etc. When FV50 is used with select parked doc [header], you can change the figures, but you can save only if Dr=Cr. For parking the Dr need not = Cr. [Useful to leave an entry halfway.] When saved, the entry is still not posted. Use post to close the issue. To clear F-65 parking goto Parked Documents under Documents & clear with FBV0.
- o Valuation of Foreign Exchange : In F-02 General Postings, the currency was put as INR earlier. If USD [other currency is used], it is possible to enter docs in USD etc. However before processing any report, all other currencies will be calculated to the base currency as defined at co creation stage & translation gain/loss determined. At the posting stage, the currency rate is determined for a particular transaction only. You can however specify a currency with an effective date. GL/Environment/Current_Settings/Enter_Translation_Rates[new_entries]
S_BCE_68000174

CASH JOURNAL

IMG/FA/BANK A/C / BUS TRANS/ CASH JOURNAL

1. Create GL a/c for Cash Journal – Ensure post automatically is on, so that posting can take place automatically. [100000 Petty Cash A/c]
2. Define doc types for Cash Journal Docs - SK [other doc types SA GL, DZ Customer Receipt, KZ Vendor Payment] [OBA7]
3. Define No range & interval for Cash Journal documents [FBCJC1] - copy from 0001.
4. Setup cash journal : [FBCJC0]
 - a. Give a Cash Journal Code
 - b. Various code for GL A/c's, Customers, Vendors.
5. Create, Change, Delete Business Transactions [FBCJC2] : These tran types can be copied, but as they are linked to GL a/c's, change as reqd. These can be accessed at FBCJ.
 - a. C receipts from bank GL a/c -----
 - b. B payment of bank GL a/c -----
 - c. R SalesFor vendors & Customers, GL a/c's need not be given, as they will be different for A/P, A/R.
6. Setup Print params [FBCJC3]– copy from 0001, output device – LP01.
7. Posting - SAP/A/c/FA/GL/Doc Entry - Cash Journal Posting FBCJ

TAXES

SAP 4.6C does not have tax capability for Indian Taxation, for which CIN [country India] version is available. Tax procedure of Great Britain TAXGB is used.

In FI all taxes are inclusive. For exclusive tax, [settings](#) are to be made in the pricing condition for the tax condition type MWST. Once taxes are defined, mass maintenance “posting w/o tax allowed” to be changed. In case of specific accounts like sales 800000 the tax code will have to be specified like output tax etc. At the invoice stage also, calculate tax will have to be checked P to avoid error messages at saving time.

IMG/FA/FAGlobal/Tax on Sales & Purchases/

- Basic Settings
 - o Define Procedures [FTXP]
 - § TAXIN Tax Proc for India.
 - § Condition Type MWAS Output tax A1
 - § Condition Type MWVS Input tax V1
 - o Access Sequences : only country & tax codes possible. Other tax statewise in CIN version. MWST tax indicator.
 - o Condition Types : Type of calc %age etc. In Master Data screen “delete_fr_DB” choose “DO NOT DELETE”
 - o Specify structure with tax jurisdiction code. TAXUSJ has 4 levels. It is thus possible to have a code with
 - § Country code 2 chars
 - § Region code 3 chars
 - § State code 3 chars
 - § City code 3 chars e.g. ALABAMA = USMIDALAXXX
 - § While specifying the structure DiN i.e. discount is net i.e. taxes are calculated after discount is adjusted.
 - § TxN i.e. taxes are netted [here the department loses revenue]

- o Define Tax Jurisdiction for India TAXIN
- Calculation
 - o Define tax codes for Sales & Purchases
 - § A1 output tax code 10%
 - § A tax type for output tax
 - § Tolerance 1 = 1% [for tax differences]
 - § MWS output tax
 - § ERS sales deal
 - § ERL revenue . These a/c keys will integrate SD with FI.
 - § Fill up only the output tax field o/wise if you enter a value in the input tax, it will result in duplicate taxes being calculated.
 - o Assign company code to document date for tax determination : the posting date is normally considered, but in this case, the doc date will be considered.
- Posting
 - o Define tax accounts [OB40]
 - § 175000 output tax MWS & 154000 input tax VST
 - o Define a/c for Exch Rate fluctuations
 - § Loss from currency valuation 230010
 - § Gain from currency valuation 280010
 - o Assign tax code for Non Taxable transactions
 - § A0 output tax 0%
 - § V0 input tax 0%

WITHHOLDING TAX

[will be used with AP payments]

IMG/FA/Global/Line Items/Controls

- Screen Variants
 - o Standard
 - o Austria & Switzerland
 - o France & Withholding Tax R.
- IMG/FA/Global/WT
 - o Basic settings
 - § Maintain countries IN India [No addl WTCountry]
 - § Maintain types of recipients 01 individual
 - § Define Income types SEW1 self employed cat 1
 - o Calculation/Maintain Tax Codes
 - § Copy from GB & change, rates 2%, currency INR, posting with payment R i.e WT at the payment satge F-58, WT code T1, official WT Code 192C, Net Base for Tax Contrib * OFF. Specifications for WT Rept keep OFF.
 - § Maintain formulas is not necessary if a direct %age is specified above.
 - o Postings
 - § Define A/c's for withholding tax
 - § Tran QST Dr 177000 Cr 177000 PK 40/50 Rules Dr/Cr
 - o Reporting
 - § Define receipient codes
 - 00 / / 01 / IN / Individual
 - § Define forms for WT N/a.
 - § Assign forms for WT reporting N/a
 - § Assign Header / Footer Text – copy from default.
- Define WT details in Vendor - FK02
- When entering an invoice FB60. System will inform that WT is applicable for the Vendor.
- While using F-58 WT is calculated and amount payable is automatically reduced.
- In case of part payment, WT A/c is credited when the payment is finally cleared.

EXTENDED WITHHOLDING TAX

IMG/FA/Global/Extended WT

- Basic Settings
 - o Check WT countries
 - o Define official WT codes
 - o Check recipient types
 - § The type of recipient categorizes the vendor, which is necessary for printing the withholding tax form.
 - o Check income types
- Calculation
 - o Withholding tax type
 - § Define WT type for invoice posting
 - § Define WT type for payment posting
 - In this activity you define the withholding tax type for posting at the time of paying. You also have to enter the withholding tax information when entering the document for this withholding tax type.
 - § Define exch rate type for WT type
 - § Assign condition type to WT type
 - You only need to carry out the following activity if you are implementing FI together with SD.
 - o Withholding tax codes
 - § Define WT codes
 - § Define formula for calculating WT
 - o Withholding Tax Base Amount
 - § Define processing key for modified net amount
 - Modified means that an extra amount is added to the net amount
 - § Define processing key for modified tax amount
 - § Potray dependencies between WT types
 - o Minimum & Maximum amounts
 - § Define min/max amounts for WT types
 - § Define min/max amounts for WT codes
 - o Company Code
 - § Assign WT types to co code
 - § Activate extended WT – you cannot then revert to STD WT.
- Postings
 - o Accounts for WT
 - § Define a/c for WT to be paid over
 - § Define a/c for WT gross up offset entry
 - § Define a/c for self WT
 - § Define a/c for self WT offsetting entry
 - o Certificate numbering for WT
 - § Define numbering class
 - § Define numbering groups
 - § Define numbering ranges
 - § Assign numbering groups to number class
 - § Assign numbering concept to co code country [K001]
- Reporting [Extended WT]
 - o Define recipient code for EWT
 - o Define forms for WT

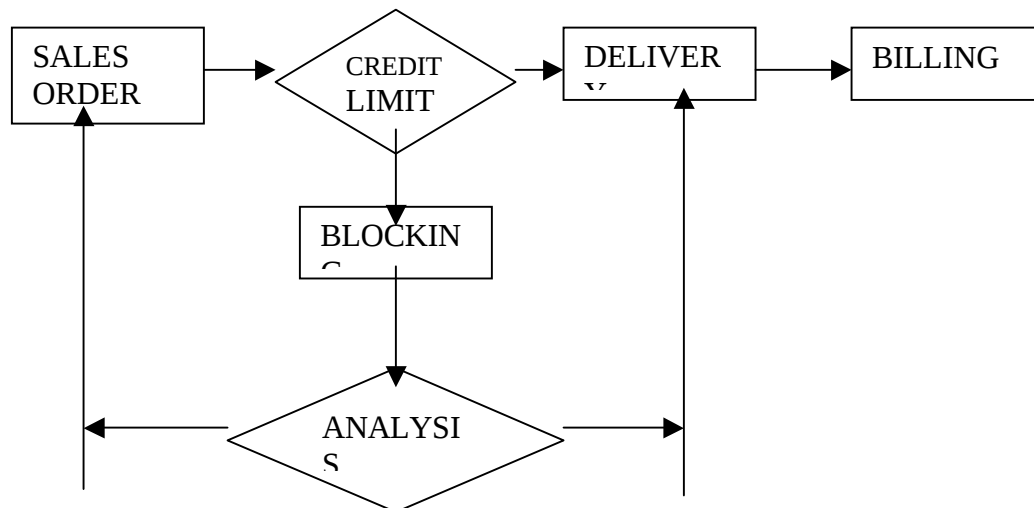
- o Define form names for EWT reporting
- o Assign forms for WT certificates
- o Define minimum amounts for WT type
- o Define minimum amounts for WT code
- Generic WT reporting
 - o Define recipient code for EWT
 - o Define output groups
 - o Define certificate numbering for EWT
 - o Define forms for WT reporting
 - o Define file format for WT reporting
 - o Define header & footer texts for forms
 - o Define minimum amounts for WT Type
 - o Define minimum amounts for WT code

ACCOUNTS RECEIVABLE

[will require INT COA]

- IMG/FA/AR&AP/Custom A/c's/Master Records/Preparation for creation/ Customer Master Record preparation.[Bus partner is a customer who is also a vendor]
 - o Define A/c Groups with Screen Layout : Edit field status (Cust) [OVT0]
 - o Define Screen Layout for Co Code : Dunning – SAP term for sending reminders to customers.
 - o Define Industries
 - o Create No Ranges [XDN1]
 - o Assign No Ranges
 - o Define A/R pledging indicator 1 = open. The AR pledging indicator should be activated to allow PDC to be accounted on the date mentioned. Another field “probable time until check is paid” refers to realization time i.e. 3 days for local clg will give an accurate cash forecast.
 - o SAP/A/c/FA/AR&AP/Master Records :
 - § FD01 Create [with sales areas VD01, all areas XD01]
 - § FD02 Change
 - § FD03 Display
 - § Search item CUST for searching
 - § Authorization group is a user defined field for analysis
 - § Customers bank data is to print customers bank details on the receipts
 - § Reconciliation account is 140000
 - § Sort key 001 by posting date
 - § Head office of the customer
 - § Cash management group for cash flow
 - § Value adjustment key for closing valuation of F/E valuation.
 - § Interest calculation – Last date will enable interest calculation from date mentioned.
 - § Last interest run date on which interest was last run.
 - § “Slowly changing dimension “ to denote the details of a customer are slowly changing and hence the need to maintain a payment history etc.
 - § Payment date [actually meant for Vendors]
 - Only cash discount allowed
 - Bill of exchange terms 0001 immediate.

- Known/negotiated/leave holidays can be used to avoid invoice generation on such dates and avoid disputes in delayed payments.
- § Probable time till check is paid , to indicate realization time & give better cash flow [assume no bill discounting].
- § Lock box – prevalent in US, where bank to bank transfers take place & no necessity to carry cash.
- § Payment advice notes
- § Selection rule
- § Dunning for reminders : can be blocked where not reqd in case of long overdues, where legal action taken etc
- § Collective invoice – no individual invoice, but a weekly invoice etc.
- § Decentralized processing will send correspondence to branch office.
- § Insurance details
- SAP/A/c/AR/Document Entries
 - o FB70 - Invoice entries
 - o F-28 - Incoming payment
 - o F-26 - Payment fast entry



SALES A/C 800000

- Incoming Payment : Bank 113100 Customers a/c xxxx. Optionally you can go for auto search based on amount. It will bring up the amount in blue colour. If however the payment does not tally with the invoice, SAP will not adjust, but display all different receipts till final adjustment.
 - o ARAP/Account
 - o FD10N - Display balances [drill down]
 - o FD11 - Analysis
- For incoming payments F-26/28, after the invoice is created, it is possible that the amount appears in display FD10N, but does not get processed as an open item. This can be due to not defining tolerance groups. An error message will be displayed giving table no, which can be analysed thru SE17, give table no and get lists by • .Another reason could be IMG/FA/ARAP/BT/IP/AutoIP/Payment Method/Setup all co codes/ Select co & details : FP/FPJ Customer/Vendor types.
- o Incoming payment can also be processed by F-06 under GL Doc entry, only A/c type should be changed to D – customers instead of S –GL, which comes by default.

- o Incoming payment can also be handled under FBCJ – cash journal. However it would be necessary to clear these payments received, which cannot be done under F-28, as the payment is already received.
- Clearing
 - o To clear incoming payments received under FBCJ, use F-32/FB15.
 - o SAP/A/c/FA/AR/Account F-32 clear. When clearing payments it is possible to :
 - § Partial payment : Diff posted can be used to make the amount not assigned as 0, and then posting is possible.
 - § Residual items allow a residual amount to be kept and the rest is assigned. By keeping a residual amount as not posted, it is possible to keep the amount not assigned 0.
 - § Charge to expense a/c. : it is possible to charge off not assigned amounts to expenses like cash discount etc, with predefined reason codes.
 - § Distribution of residual items : possible based on reason codes.
 - § SAP/Ac/FA/AR/Ac/Assignment
 - FB15 assign/clear open items. On using FB15, all items appear. Select the one for assignment & "ASSIGN". Next select the assigned items and clear. This will bring you to a partial payment screen. Complete the assignment & save. Next return to FB15 & confirm. The assigned items will go.
 - FB17 edit assigned items.
 - § Correspondence
 - FB12 request for stat of a/c SAP06,08,15 etc.
 - F.64 maintain SAP06 etc which when dbl clicked will produced stat of a/c thru LP01.
- Payment Advices
 - o SAP/Ac/FA/AR/Doc Entry/Payment Advice
 - § FBE1 Create – payment advice no comes by default. Enter amount & save.
 - § FBE2 Change
 - § FBE3 Display
 - § Payment advice F4 & execute to get a list. Payment advices can be created for different payments. Credit memo can be adjusted with any/specific invoices.
 - § S_ALR_87012203 payment advice overview.
- Down Payments : like an advance. They have to be requested, made and cleared after raising an invoice under which it is adjusted. Special groups for GL
 - o A Down Payment
 - o B Bill of exchange receivable
 - o C Rent deposit
 - o E Reserve for Bad Debts
 - o F Down payment request

Down payments require certain params to enable clearing.
 IMG/FA/ARAP/BT/Outgoing Payments/Auto OP/Payment Method/
 Bank selection for payment Programs

 - o Set up all co codes
 - o Set up the vendors, customers, Spl GL Transactions
 - o Vendors FP
 - o Customers FPJ
- SAP/FA/AR/DocEntry/DownPayment

- o F-37 The down payment created thru a request is available under FD10N under special GL list[after creating downpayments with F-29].
- o An AAM can be created for every product type, & the appropriate codes fed into line items. This AAM can be recalled at the invoice stage thru Environment/Complex Posting F6. To speed up data entry, ensure A/c no, date and amount is entered prior to F6, then save.
- o F-39 Clearing of down payments. Enter cust no, keep relevant invoice details etc blank., enter transfer posting amounts & save.
- Terms of Payment [OBB8]
 - o IMG/FA/ARAP/BT/Incoming invoices/Cr Memo
 - o Maintain terms of payment :
 - o Base line date is the date to be considered for the calculation of interest. The interest would actually start after the additional months i.e. CR period has elapsed.

DUNNING

IMG/FA/ARAP/BT/Dunning/Basic Settings for Dunning

While posting repeated invoices, if the credit limit is crossed, you may not be permitted to enter further invoices. In such a case, IMG/ES/Defi/Define Credit Control Area. If a credit limit is not set, you cannot enter invoices.

- Define Dunning area : for each co code, a dunning area is defined.
- Define dunning keys : max 4 levels are possible like 1,2,3 reminders etc.
- Define dunning block : for legal cases, dunning must be blocked.
- Define dunning procedure : [FBMP]
 - o Dunning interval - frequency of dunning e.g. 14 days
 - o Totaled for items – when a dunning level 1 is maintained, totaling takes place level 2 onwards. If level 0 is maintained, all items are totaled. The totaled items are for threat perception etc. In Germany, court orders can only be issued level 3 onwards for total of all items dunned.
 - o Minimum day arrears : atleast one item must have a dunning notice to be created. The minimum days in arrears have no influence on calculation of the days overdue.
 - o Line item grace periods e.g. 3
 - o Interest indicator HI
 - o Public holiday calender 99 international IN for India.
 - o Std transactions set on, o/wise spl GL like downpayments will also be considered.
 - o Reference dunning process @ 0001. You can create your own dunning letters using SAPSCRIPT [similar to ABAP].
 - o Dunning levels [top button] - day in arrears @ 30 i.e. dun after 30 days.
 - o Calculate interest - set on after level 2 as letters after 2 i.e. 3 only have interest mentioned.
 - o Always dun keep on R
 - o Print all items keep on R R R R
 - o Payment deadline @ 7 i.e. after dunning letter, deadline to receive payment.
 - o Legal dunning procedure R for items where legal letters to be sent [after 3 levels etc]
 - o Charge for dunning - the charge for dunning can be fixed or a %age depending on the parameters set. Here a %age may help, as minimum amounts for dunning are set, sometimes if the total o/s is low, an item may not come into the dunning process at all. The %age is based on the total o/s of that customer. You cannot define a fixed dunning charge, and a %age based charge at the same time.

- o Minimum amounts for dunning - the minimum amount to be considered for dunning. %age of amounts means %age to total of open items [for a customer]. If both are set, both conditions must be met.
- o Minimum amount to be included in dunning
- o Dunning text – forms are designed and can be changed using ABAP [a/c type D][Ensure the DUNNING TEXT FORMS EXIST]
- o Spl GL indicator - whether to dun.

For checking dunning open a separate a/c and raise invoices backdated, so that dunning runs can take place with the interval applicable. It may be necessary to open posting period suitably. The posting date will also have to be backdated and credit limit reset. In case of existing customer, ensure dunning procedure is set.

- o SAP/Ac/FA/AR/Periodic Processing
 - F150 Dunning
 - Identifier user defined run 1,2,3
 - Select parameters
 - Dunning date - the dunning date defines when the next dunning run takes place [after the interval]. If you click on current date, you may not be able to take subsequent runs immediately, and you may have to go to IMG and change the interval.
 - Dun posted upto [consider posted upto date]
 - Save parameters
 - Individual dunning notice @ LP01
 - Specify run dates
 - Specify dunning dates
 - Specify posted upto dates
 - Select print preview & printout [o/wise the dunning will not be considered, and subsequent runs will also be level 1]
 - IMG/FA/Global/Correspondence - it is possible to view the various dunning forms & even create them [SAPSCRIPT similar to ABAP]

INTEREST

IMG/FA/ARAP/BT/Interest Calculation

- Global Settings
 - o Define interest calculation types
 - § P item interest calc
 - § S balance int calc
 - § Identifier HI for HPCL
 - o Define no ranges for interest forms - define
 - o Prepare interest on arrears calc - while preparing int on arrears calc, the effective date should be borne in mind [backdated] o/w interest runs will not take place as invoices are backdated. Keep Int Numerator R ON. Payment Terms 0001 & Tax Code * OFF.
 - o Prepare interest on a/c balances
 - o Special GL tran for int calc
- Interest Calculation
 - o Define reference int rates - INR for India as IND_INT
 - o Define time based transactions - HI for both DR & CR & enter Ref Int as defined IND_INT.
 - o Enter interest values
 - o Special function module for interest rate determination - arrears [DEBIT_INT_RATE_DETERMINE] / [CREDIT_INT_RATE_DETERMINE] - for balances [INT_RATE_DETERMINE]
- Interest Posting
 - o A/R calculation of interest on arrears
 - § Int recd 273100

- § Int paid 220000
 - § Customer posting open [for customers]
- o A/R balance interest calculation
 - § 0001 interest recd 273100 1
 - § 0002 interest paid 220000 2
 - § 0015 calc int recd
 - § 0016 calc int paid
 - § 1000 customer posting + [open]
- Assign Form for Int Indicator
 - o Ensure that Form F_DUZI_01 is assigned for HI & HPCL
 - o Ensure that Form F_D_INT_SCALE_00 is assigned for HB & HPCL

The interest indicator [HI] can be entered in the dunning procedure [define interest rates], to enable calculation [not posting to customer a/c] of interest as per defined interest parameters for inclusion in dunning letters.

Ensure customer is configured for interest id & cycle.
- SAP/Ac/FA/AR/PP/Interest calculation
 - o Arrears interest
 - o F.2A without open items
 - o F.2B with open items
 - o F.2C without postings
 - o F.24 free selections
 - § Calculation period from to
 - § Bill of Exch [blank]
 - § Int indicator HI
 - § Form for int calc F_DUZI_01
 - § Create form R & F_DUZI_01
 - § Print form R & LP01
 - § Date of Issue [TO period]
 - § Interest Posting Date [TO period]
 - § Interest Posting Document Date [TO period]
 - § Posting Period as applicable.
 - § You can create a spool request for a neat letter that can be sent to the party etc. Access from OWN SPOOL JOBS.
 - § You can generate a batch for subsequent batch processing by specifying in Output Control "Acct overview printer (batch)", and processing the batch with System/Services/BatchInput/Sessions etc.
 - o F.26 Balance Interest [F_D_INT_SCALE_00]
 - § Calc Period From to
 - § Summ level 2
 - § Ref / Addl Date 3
 - § Std Int Calc R
 - § Generate as above.

ACCOUNTS PAYABLE

IMG/FA/ARAP/Vendor A/c's/Master Records

- o Preparation for creation of vendor master records
 - o Define a/c groups [OMSG]
 - § KRED Vendor [internal no assignment]
 - § Reco no 160000
 - § Down payment 170000
 - o Define screen layout per co [vendors]
 - o Define screen layout per activity [vendors]
 - o Create no ranges for vendor a/c's. [XDN1]
 - o Assign no ranges to vendor a/c groups [OMSJ]
 - § KRED 02
 - o IMG/FA/FA Global/Tax Sales& Purchases/Calculation
 - § Define tax codes for sales/purchases : I1 input tax GL a/c 154000
 - o Create vendor SAP/Ac/FA/AP/Master Records
 - § FK01 create
 - § Use next screen icon _ to navigate.
 - § Wt can be used for TDS
 - § Release group means vendor approval
 - § Check duplicate invoices for invoice & DC
 - § EDI electronic data interchange.
 - o Create invoice SAP/Ac/FA/AP/Doc Entry
 - § FB60 create invoice [RAW MATL 400000, TAX V1]
 - o Outgoing Payment
 - § F-53 Post
 - § F-58 Post & Print. Print job is created. Access thru system/own spool requests [requires house bank creation]
 - o Change co code
 - o Raw mat a/c 400000 change tax params as reqd
 - o FK10N to view balances.

HOUSE BANK CONFIGURATION

IMG/FA/BANK ACCOUNTING/Bank Accounts/

- Define house banks
 - o [Delete the default German Banks](#) if any & create new [del from bottom]
 - o A/c id if reqd 1111
- Outgoing payments configuration
 - o IMG/FA/ARAP/BT/OP/Auto OP/
 - o Payment method / Bank selection for payment Prg
 - o Setup all co codes for payment transactions
 - § Tolerance days 7 vendors FP customers FPJ
 - o Setup paying co codes for payment transactions
 - o Setup payment methods per country for payment transactions
 - § Currencies allowed INR,USD,EUR,GBP.JPY
 - § ZP payment posting
 - § ZV payment clearing
 - § Copy one by one from GB for IN
 - o Setup payment methods per co code for payment transactions : maximum amount 5000000/-.
 - o Setup bank determination for payment transactions

- § Ranking order : delete & create for C cheque [[deletion](#) in reverse order i.e. value date upwards]
- § Bank accounts : 113100
- § Available amounts : approx amount available for making payments. Days indicate interval of getting the bank statement for analysis etc.
- § Value date : days taken for local clearance etc.
- § Expenses / charges : useful for bill of exchange payments. Create here and access in available amounts.
- o Number ranges for cheques : [FCHI]
IMG/FA/ARAP/BT/OP/AutoOP/Payment_Media/Check Management
 - § Define no ranges for cheques : lot 101 chq no from 100000 to 100100
 - § Ensure vendor is created
 - § Raise invoice thru FB60
 - § SAP/Ac/FA/AP/DocEntry/OP
 - F.53 post
 - F.58 post and print cheque [enter details & process open items]
 - § SAP/Ac/FA/AP/Account/F-44 for clearing payment to vendor thru FBCJ. WT will however not appear. [This is a substitute for FB15 on the customer side.]

BANK RECONCILIATION STATEMENT

SAP/FA/Banking/MasterData/BankMasterData

- FI01 create. Instead of the above, you can also create the house bank thru IMG/FA/BankAccounting/BankAccounts
- Define house bank - When the house bank is entered, click create button to create. The other details on left like bank a/c can be copied wherever possible.
- IMG/FA/ARAP/BT/IP/AutoIP/Payment Method/Bank selection for payment prg
 - o Setup all co codes for payment transactions
 - § FPJ customers
 - § FP vendors
 - o Setup paying co codes for payment transactions
 - § Copy from
 - o Setup payment methods per country for payment transactions
 - § Copy IN cheque exists
 - § Possible currencies - include all possible currencies. If not set, payment cannot be made in that currency.
 - o Setup payment method per co code for payment transactions
 - § C cheque
 - § Ranking order 1
 - § Min & max amounts for payment
 - § Optimize using postal code for faster searches.
 - o Setup bank determination for payment transactions
 - § Bank a/c create
 - § Available amounts for C
 - § Value dates
- IMG/FA/ARAP/BT/OP/AutoOp/PaymentMedia/CheckManagement
 - o Define no ranges for cheques
 - o Pass some bank entries thru FBCJ [cash journal]
- SAP/AC/Treasury/CashManagement/Incomings/ManualBankStatement
 - o FF67 enter
 - § Beginning balance = 0
 - § End balance = total or earlier entry

- § In Further Processing keep Bank Posting R ON.
- § The difference enter into the statement with +=dr & -=cr
- § Save statement.
- § Post statement from Bank Statement TOP.
- o FEBA post process. Value date is important, as the matching takes place as per the value dates.

FOREIGN CURRENCY VALUATION AT CLOSING

At specific intervals [monthly,quarterly,annually], open items [customer/vendor] must be valued and loss/gain reported - FASB52.

- SAP/Ac/FA/AR/PP/Closing/Valuate
 - o F.05 open items in foreign currency
- In case the customer is also a vendor
 - o Closing/Regroup - F101 receivables / payables

SAP will automatically pass a reversal entry the next day, thereby nullifying the loss/gain entries passed earlier.

FOREIGN TRANSLATION LOSS/GAIN

- You must create a customer in the foreign country.
- FB70 - invoice in a different currency is to be valued and posted in co currency.
- SAP/Ac/FA/AR/Environment/Current Settings
 - o S_BCE_68000174 enter exch rates [OB08]
 - o Exch type "M" from USD to INR. Rate entered will generate loss/gain.
- SAP/Ac/FA/AR/PP/Closing/Valuate
 - o F.05 open item in foreign currency
 - § Valuation Method KTO - FC Bal per Account 10 Co Code Curr.
 - § Create Postings & Reverse Postings ON.
 - § Selections – Valuate Customer open items
 - § FASB52 Exch Cur Type M
 - § Process sessions and view doc ext.

SALES AND DISTRIBUTION

IMG/ES/Definitions

- Financial Accounting
 - o Define credit control area [sd updation 000012] [OB45/OB01/OB02]
- Controlling - **only if you think necessary**
 - o Copy delete check co area [copy from 0001]
 - § Top button structure, templates
 - § Co code
 - § Plant
 - § Sales orgn, dist channel. Division
 - § Co area co code [not necessary unless you want to enable controlling]
 - § Structure, navigation gives a tree effect
- Logistics – general
 - o Define valuation level
 - § Stock valuation, keep valuation as at plant
 - o Define plant [necessary before copy o/w DEM & German plant]
 - o Copy delete check plant [OX10]
 - o Define locations [OX09]
 - o Define copy delete check divisions [OVXB] [in case of program termination, goto next i.e. SD & copy from templates]
- Sales & distribution
 - o Define copy delete check sales organization [OVX5] [structure/templates]
 - o Define copy delete check dist channel [OVX1]
 - o Maintain sales office [for service] [OVX1]
 - o Maintain sales group [for service] [OVX4]
- Material management
 - o Maintain storage locations [goods stored for delivery] [OX09]
 - o Maintain purchasing organization [N/A] [OX08]
- Logistics execution
 - o Define copy delete warehouse no [N/A]
 - o Define copy delete shipping point [OVXD / EC07]
 - o Maintain loading point
 - o Maintain transportation planning point

IMG/ES/Assignment

- Financial accounting
 - o Assign co code to company
 - o Assign co code to credit control area [OB38]
- Controlling [**only if necessary**]
 - o Assign co code to co area [OX06]
 - o Assign control area to operating concern
- Logistics – general
 - o Assign plant to co code [OX18]
- Sales & distribution
 - o Assign sales org to co code [OVX3]
 - o Assign dist channel to sales org [OVXK]
 - o Assign div to sales org [OVXA]
 - o Setup sales area [combination of SO & div] [OVXG / OVXM]
 - o Assign sales office to sales area [OVXM]
 - o Assign sales group to sales office [OVXJ]
 - o Assign sales org & dist channel to plant [OVX6]
 - o Assign sales area to credit control area [OVFL]
- Logistics execution
 - o Assign [shipping point](#) to plant [OVXC]
- IMG/SD/Master data

- o Define [common](#) dist channel
- o Define common divisions
- IMG/ES/Assignment/Consistency Check
 - o Check Enterprise Structure for S & D. Execute & clear all errors.

SAP/Logistics/Material Management/Material

- Create general [MM01](#) immediately / MM11 schedule
- Select Organisational Levels [top butt] for Sorg, DC, Div
- Select views & data : screens
 - o Basic data 1
 - Base unit G
 - Division
 - Matl group [with & without tax]
 - Gross wt
 - Net wt
 - Wt unit
 - Gen Item Cat Group - NORM
 - o Basic data 2
 - DG dangerous goods
 - o Classification - not required
 - o Sales org 1
 - Base unit G
 - Sales unit EA [on exit define EA=nG]
 - Division
 - o Sales org 2
 - Gen Item Cat Group – NORM
 - o Sales general / plant
 - Shipping data 0001 on pallets
 - Availability check 02 Individual Requirements.
 - o Foreign trade export
 - Country of origin IN
 - Region 10 Karnataka [o/w while saving a message reg foreign goods]
 - o Sales Text - n/a
 - o MRP1 [mat requirement plan]
 - MRP proc PD
 - MRP controller 001
 - Lot size DY [dynamic]
 - Ordering Costs 100
 - Storage Costs Indicator 1
 - o MRP2
 - Proc type X inhouse, external prodn, both etc
 - Schedule Margin Key 000
 - [Message of 0 prodn inhouse is ok.]
 - o MRP3 - forecast requirements
 - Periodic indicator M monthly
 - Availability check 02 Indl requests
 - Pl conv factor 1 PL Plant [only if reqd]
 - o MRP4 n/a
 - o Quality management n/a
 - o Forecasting
 - Historical periods 60
 - Forecasts 12
 - Forecast model D constant
 - Control data initialization X [by system]
 - Tracking limit [4.000], analytical model [2]

- o Work scheduling n/a
- o Plant data/storage1 n/a
- o Plant data/storage2 n/a
- o Warehouse mgmt 1 [do not configure]
- o Warehouse mgmt 2 [do not configure]
- o Accounting1
 - Currency INR
 - Cost price xxxx
 - Cur period 03 1998
 - Current valuation * BLANK
 - Valuation class 7920 [for finished goods FERT]
 - Price control S std price [will not be allowed if valuation category in basic data is filled up]
 - Price unit 1 moving avg price
 - Prev period 02 1998
 - Total stock, total value
 - Valuation class 7920 [if left blank, MB1C error]
 - Prod stk val class 7920
 - VC Stock val 7920
- o Accounting 2 plant stock
- o Costing 1 n/a
- o Costing 2 n/a
- SAP/Logistics/MaterialManagement/InventoryManagement/Environment
 - o Stock MMBE check stock
- SAP/Logistics/SD/MasterData/BusPartners/Customers/Create
 - o VD01 S&D

- On selection SOLD TO PARTY - Screens
- General data
 - Recon a/c 140000
 - Trans payment 0001
- Sales area data, sales office, group etc
 - Address
 - Control data
 - Marketing
 - Unloading points
 - Export data
 - Contact persons

You should have already created a customer under FD01, & entered the co code data, as the above are linked to a sales area, and not co code. [VD01 – sales areas, XD01 all areas]

- Shipping point - only complete delinery, unlimited tolerance
- Billing document
 - o Inv date 99 [intl]
 - o Inco terms EXW WORKS
 - o Payment terms 0001 Immediate
- Acct assignment group 01 domestic revenues

SAP/Logistics/SD/MasterData/Agreement/CustomerMaterialInformation

- VD51 create [to substitute technical material with brand name. VD51 will work after VD01]

INTEGRATION SALES & DISTRIBUTION WITH FI

- IMG/SD/BasicFunctions/AcAssignment-Costing/Revenue A/c Determination
 - o Check master data for Ac Assignment
 - § Material AA group 01 trading groups [mfg], 02 performances [ser]
 - § Customers AA group domestic,foreign, affiliated [CC]
 - o Define dependencies for revenue a/c determination
 - § Display, create, change - field catalogue xxxxx
 - o Define access sequence & a/c determination types
 - § Maintain access sequences
 - KOFI A/c determination
 - KOFR
 - o Define A/c determination types
 - § KOFI
 - § KOFR
 - o Define and assign A/c determination procedures
 - § KOFI00
 - § Control Data KOFI 3 / KOFK 2
 - § Cash Allocation A/c Key EW cash clearing
 - o Define & assign a/c keys
 - § ERL, ERS, EWS, MWS
 - o Assign A/cing key
 - § ZWMP01 ERL Revenue, MWS Discount/Taxes
 - o Assign GL A/c's [create for 005] [VKOA]
 - § 001 cust grp/mat grp/A/c key
 - § Application V
 - § Condition KOFI
 - § COA HPCL
 - § S ORG HPCL
 - § A/c Key
- ON THE FA SIDE
- IMG/FA/GLA/BT/Integrate/S&D [VKOA]
 - o Prepare revenue a/c determination [same as SD 001,2,3,4]
 - o Carryout document summarization for sales & distribution

PRICING PROCEEDURE

- VOK0 - maintain pricing
 - o Header - pricing porceedure copy from WMP001 to ZWMP01
 - o Customer pricing procedure 1 std, 2 [std+tax](#)
 - o A/c keys ERL Revenue, MWS TAX, ERS Discount
 - o Header - condition type / definition
 - § Copy from PR00 to ZPR0
 - § Set entries from Manual priority to Auto priority
 - o Header - condition type / Access sequence
 - § Accesses
 - § Fields
 - o Header - pricing procedure/proc determination
 - § Ensure co has the relevant pricing procedure ZWMP01
 - o Header - environment / maintain condition / create [TC-VK11]
 - § Enter condition type
 - § Select material with release status
 - § Material
 - § Rate i.e. sale price
 - § Unit i.e. INR

- § Per i.e. 1
- § UOM ie EA
- § Calc Type i.e. C Qty
- § Valid - from / to

Condition must exist for a particular material to process sales order.

Condition must exist for a particular [tax code](#) for correct taxes.

INITIAL STOCK ENTRY

SAP/Logistics/IM/InvMgmt/GoodsMovement/GoodsReceipt/Other

- [MB1C](#) - create initial stock of material
 - o Movement type 561
 - o Entry into unrestricted use
 - o Doc date posting date
- Stock MMBE check stock
- IMG/FA/Global/Document/PostingPeriods/Open&ClosePP
 - o OMSY material management on co codes
 - o MMPI to initialise posting periods [for materials]

SALES ORDER & BILLING

- SAP/LOG/SD/SALES
 - o [VA01](#) - Order [2 change, 3 display] sales order first created with open status [ZMIL F2]
 - § Complete details of sold to party, inco terms, material & qty
 - § Check Taxes [Dbl Ckck Qty, Conditions]
 - § Save
- Shipping & Transportation/Outbound Delivery
 - o [VL01N](#) - outbound delivery order [2 change, 3 display]
 - o Enter storage location and pick the goods
 - o In picking the goods are blocked for a customer.
 - o Post goods issue [MM & FI are affected]
- In case of PR00 missing error, create thru a separate session, dbl click qty in the order, goto conditions, update and carryout new pricing.
- After delivery but before billing, the price can be changed thru VA02 & carryout new pricing.
- BILLING
 - o [VF01](#) create billing document. The delivery order comes up auto.
 - o Save
 - o VF02 the billing doc comes up auto. View the accounting entries.

INTEGRATION MATERIALS MANAGEMENT

- IMG/MM/Valuation & A/c Assignment
 - o A/c determination wizard [DO NOT COMPLETE]. You make configurations relevant to transactions in Inventory Management & invoice verification [for automatic postings to GL a/c in Financial Accounting & Cost Accounting]
 - o You do the above, with/without the wizard or a combination of both
 - o The wizard always reads the existing customization settings first. These are displayed as defaults & form the basis for further adjustments.
 - o Pre-requisites co code, plant, material types
 - o Select material type used FERT - finished goods. Check R only material types in use & be careful when you uncheck a material type. If a material type is unchecked, you cannot post to that material type.
 - o Activate purchase a/c mgmt Y/N
 - o Activate purchase a/c mgmt for co codes
 - o Assign chart of accounts
 - o Assign plants to groups - all plant or co codes in the same group will post identically
 - o Examine different material types - SAP assumes that inventory related a/c's will differ by material type. However some a/c postings like freight may not differ by material. Hence if you select "Yes", it would mean that even non - material types like freight are material type dependent.
 - o Select a/c postings
 - o Maintain valuation classes - ideally you should have one valuation class per material type.
 - o Maintain inventory accounts - stock a/c nos to be filled up. Internal processing key BSX. BSX rule for valuation is always set "ON". BSX rules for dr/cr & a/c modifier is always set "OFF".
 - o Maintain dr/cr rule : in MM there are transactions & events that may be posted to the Expenses/Revenue a/c or to Price Differences. This a/c is either dr or cr depending on whether then transactions or event requires a correction to your disadvantage [DR] or in your favour [CR]. You can setup two a/c's, so that a DR is posted to one & a CR to another. Checking a checkbox R will set the DR/CR rule "ON" for the corresponding internal process key. The process keys are :

§ Cost [price] differences	PRD
§ Exp/rev from stock transfer	AUM
§ Exp/inc from revaluation	UMB
§ Offsetting entry for inventory postings	GBB
§ Exp/rev from consignment mat consumption	AKO
 - o Maintain MM Transactions - start with the 1st incomplete transaction [no green mark] & work your way down. If you are unsure of an a/c, leave it blank, & change later. By entering corresponding nos to each transaction for a material movement, you are assigning a/c nos to the internal process keys. Depending on its rules, some process keys may have more than one a/c no. in this case the wizard takes you to a detail screen.
 - o Final Screen - DO NOT COMPLETE [o/wise the wizard will auto a/c assign, and a lot of other users will be affected]
- Account determination without wizard
 - o Define valuation control [OMWM]
 - § Group code active
 - o Group together valuation areas
 - § Val group code 0001
 - § Val area plant
 - o Define valuation classes
 - § A/c category reference
 - § Valuation class [OMSK]
 - § Material type/A/c category reference [OMS2]

- o Define A/c group for movement type
 - § One complete table contains cols
 - § Movement type
 - § Special stock
 - § Val update
 - § Consumption
 - § Val string
 - § Counter
 - § Tran event key
 - § A/c modifier
 - § Check up assignment
- Purchase a/c management
 - o Activate purchase a/c in co code
 - o Calculation of value for purchase a/c - whether receipted value of purchase with/without delivery costs
 - o Separate a/cing documents for purchase a/c postings - define whether the system should create 2 separate FI docs for stock & purchase a/c postings or for invoice & purchase a/c postings
 - § Goods receipt doc 1
 - Purchase a/c DR
 - To GI/IR clearing a/c [goods inward, invoice receipt etc]
 - § OR
 - Purchase a/c DR
 - Freight a/c DR
 - To GR/IR clearing a/c
 - To Freight clearing a/c
 - § Document 2
 - Purchase offsetting a/c &
 - Stock/price diff a/c
 - § Invoice receipt
 - Purchase a/c
 - To GR/IR clearing a/c / vendor a/c
 - § For delivery costs
 - Freight a/c
 - To Freight clearing a/c
 - o You can use only 2 documents if the purchase a/c is posted at the receipt value, o/wise the difference between GR/IR clearing a/c and the purchase a/c would result in a balance not being equal to zero. In std SAP config, only one a/c doc is created.
 - o Activate separate a/c doc in val area.
 - o Create new doc type for separate doc - define a new doc type for the 2nd a/c doc. The doc type must be different from the doc type for goods receipt [GR,WN] and invoice receipts [IR].
 - o Assign a no range to the document
 - o Configure no range for new doc type
- Inventory management
 - o Assign a new doc type to inventory management trans. This includes all transactions that generate goods movements with reference to purchase orders i.e. MB01, MB04, MB0A & purchasing trans [beginning with ME* & ML*] You must also assign the new doc type for automatic movements.
- Invoice Verification
 - o Configure Doc type for separate Purchasing a/c doc
 - o Assign the new doc type to logistics invoice verification transactions.

ASSET ACCOUNTING

- Organisational Structure [OA08]
 - o Check country specific settings
 - § LVA low value assets
 - § AUC assets under construction
 - Post net book value, capitalize Auc, w/o downpayment
- Copy reference chart of dep / dep areas [EC08]
 - o Specify description - change desc
 - o Copy delete depreciation areas
 - § Book dep, IT dep etc
 - § Real dep area is posted to GL, unlike IT dep which is not posted
 - § Negative values in assets are allowed
 - § Proportion of depreciation – if the divisor is 2, ½ the value is considered for dep etc.
 - o Assign COD to co code [OAOB]
 - o Specify number assignment across co codes [AO11]
 - § Use co code for assignment of no ranges
- Asset Classes [DO NOT COMPLETE]
 - o Generate asset classes from GL a/c's
 - § Select APC [acquisition & prodn costs]
 - § Checking the APC indicator will generate an asset class
 - § Enter default a/c's for all a/c determinations [825000]
 - o Specify A/c determination - suffix for VA [value adjustment] is 010. Hence if Bldg = 2000, accum dep is 2010 [199990 clg asset acqui]
 - o Create screen layout rules - as proposed by system
 - o Define no ranges interval - as proposed by system [AS08]
 - o Define asset classes - [OAOA]
 - o Specify COD dependent screen layout / account assignment
 - § Normally not reqd, unless you want these control specs to be country specific i.e. COD dependent.

ASSET A/C INTEGRATION WITH GENERAL LEDGER

- Define how dep areas are posted to GL
 - o 0 no values posted
 - o 1 post assets in GL realtime
 - o 2 post assets periodically to GL
 - o 3 only depreciation posted
- Assign GL a/c's
 - o Choose an allocation – select COA, choose a/c allocation, select any one Acct Det
 - o Define acquisition/retirement a/c's for COA [dbl click desc]

§ Acquisition	11000	M/c & Equip
§ Contra A/c for acq	191400	clg acqui
§ Retirement Clg a/c	825000	Clg Asset Disp
§ Gain	820000	Rev Asset Ret
§ Loss	200000	Loss Asset Disp
§ Loss w/o Rev	200000	“ “ “
 - o Define depreciation accounts for COA [dbl click desc]

§ Ord Dep	11010	ADP M/c & Equip
§ Exp A/c	211130	Dep M/c & Equip
- Specify posting key for asset posting
 - o 70 DR 75 CR for asset posting
 - o 40 DR 50 CR for GL a/c posting
- Change FSV of the Asset GL a/c's

- o Change FSV for posting keys
 - § DR 40,70 must have reversal CR 50,75 for GL & Assets
- Assign input tax indicators for Non-Taxable Acquisitions : Input tax & Output Tax [OBCL]
- Specify Fin Stat Version for Asset Reporting - specifies the key which identifies the B/S & P&L version.
- Posting depreciation to general ledger
 - o Specify document types for posting of dep [AF]
 - o Specify intervals and posting rule [dbl click desc]
 - § Smoothen - remaining dep spread evenly
 - § Catchup - arrears of dep updated
 - § Monthly - period interval 001 i.e. no of periods between 2 dep runs
 - o Co account assignment
 - § Assign cost centers – for dep posting
 - § Post to internal order - as per asser master record
 - o Other posting settings
 - § Post interest - imputed interest in addition to depreciation
 - § Post revaluation - revaluation of APC [acquisition & prodn costs] & dep [when planned life ends] i.e. dep after useful life

VALUATION

- Specify COD [OAPL]
- Depreciation areas
 - o Define depreciation areas - 01 Book Dep
 - o Specify area types
 - § 01 Valuation for trade balance sheet
- Specify transfer of APC values / valuation adoption from another dep area. A dep area can only adopt values from an area which has a smaller key than itself. Therefore no transfer is possible to area 01. hierarchy is maintained i.e. 03 can adopt values from 01 and not vice versa.
- Specify transfer of depreciation terms [similar to transfer of APC values]
- Determine Depreciation areas in the Asset Class
 - o Select asset class & depreciation area
 - o Depreciation key
 - o Use – useful life
 - o Per - useful life periods [if useful life = 7, periods = 6]
 - o Index - index series for replacement values
 - o Layout - screen layout
- LVA check - 0 no max amount check [???]
 - o 1 value based max amount check
 - o 2 check max amount with quantity
- Amount specifications [value based check]
 - o Specify max amount for LVA & asset class
 - o Specify rounding off of Net Book Value & Dep - net book value at year end rounded off to whole
 - o Specify changeover amount – for changeover to the key defined in the dep key
 - o Specify memo value for Dep areas - a value exists even though the planned expected useful life has already been exceeded
- Fiscal year
 - o FYV - specify other version on Dep area level. Req'd only in exceptional situations
- Shortened Fiscal Years -Define reduction rules for shortened FY for ordinary & spl dep, interest & revaluation, because in a shortened FY, it is generally necessary to reduce dep in proportion to the reduction in the length of the fiscal year. [Maintain Dep Key – refer DEP/Val Methods/Dep Key]

- Use of half months in the co code - mid month - date which specifies the middle of a period i.e. 15 days
- Define weighting of periods
 - § Specify areas for individual period weighting - indicator can be set for UNEQUAL depreciation, a requirement in seasonal industries.
 - § Weight periods in FY version - choose a FY
 - § Period - after which dep is calculated or incase of retirement, upto which dep is calculated
 - § WT prop - weight proportion - normally for all periods dep is equal, but if a value is entered for this period dep = relative wt / total weights
- Currencies
 - o Define dep areas for foreign currencies
 - o Specify the use of parallel currencies - 10 = co code currency
- Group Assets
 - o Specify dep areas for group assets - indicator for managing group assets
 - o Specify asset classes for group assets - indicator – class entirely consists of group assets
- Go to SAP menu
 - o Create a vendor FK01 - remember to complete reco a/c's [next scr]
 - o Create an asset – sap/ac/fa/fixed assets/asset/create AS01 [AW01N - asset explorer]
 - § AS01 - asset class
 - § General - description, sr no, qty
 - § Time dependent - leave blank
 - § Allocation - evaluation [components]
 - Integration of assets & equipment
 - o Equipment no - part of a big asset, made up of smaller assets
 - § Origin – country, vendor etc
 - § Leasing – type, base value, lease payments
 - § Dep areas - dep key, useful life, periods, op dep start – date if not no dep calc
 - o SAP/Fixed assets/postings/acquisitions
 - § External acquisitions
 - F-90 with vendor
 - o Posting key 31 CR vendor 70 DR asset
 - o Tran type for 70 is 100 ext asset acquisition
 - F-91 clearing offsetting entry - for clearing payment to vendor [after entering asset entries as above, enter the bank entry & process open items][It is advisable to save the asset first before bank entry, so that an open item appears for the vendor. If not previous open items must exist to process the bank entry.]
 - ABZON - acquisition with automatic offsetting entry [could be used for uploading asset w/out vendor][MULTIPLE ASSETS ALSO POSSIBLE. The asset must have been created, and no vendor/taxes will be calculated. Provision for existing/new asset. Business area entry essential if defined]

DEPRECIATION

- Ordinary Depreciation
 - o Determine dep areas - values should be –ve or 0
 - o Assign a/c's - choose a/c allocation & a/c determination
 - o Define unit of prodn [UOP]
 - § STCK default UOP - total units are for the whole year.

- § Period unit - units produced in a period – month. For more than 1 year, define units for all the years. Based on the useful life, dep/yr is calculated & then broken up in a year based on UOP.
- Valuation Methods
 - o Dep key - calculation methods
 - § Define base methods [normally 0008]
 - Reduce useful life at FY end
 - Dep with curb NO [if yes, after useful life of 10 years, 11=1/11, 12=1/12 etc]
 - For multilevel base method choose EXPLICIT [0012] method, so that the system does not calculate deprn, and therefore no errors. After changing key, remember to activate. In AW01N to see dep of 2nd year “comparisons”.
 - § Define declining bal methods
 - Declining factor – dep % resulting from useful life etc X factor for DB dep The multiplication factor is used in determining the depreciation percentage rate for declining-balance depreciation. The system multiplies the depreciation percentage rate resulting from the total useful life by this factor.
 - Max % age - will override factor above
 - Min % age - keep as 0
 - § Define max amount - specify max amounts
 - § Define multi level methods – validity start options
 - 1 From capitalization date
 - 2 From ord dep start date R
 - 3 From spl dep start date
 - 4 From orig acqui date of AuC
 - 5 From changeover year
 - Select levels
 - Acqui year - upto which valid
 - Year - no of years 2,5 [i.e. 1st 2 then 3]
 - Per - validity periods in cal months
 - Rem Life - leave blank. Set this indicator to determine the periodic dep %age, based on the remaining life.
 - Reduct - reduction of base value by an entered %age rate
 - Dep by fiscal year = Yes [if checked]
 - For every level/phase, there should be a changeover method/phase that is relevant. To change useful life USE AS02
 - Phases e.g 004 à 10.000/5.000/2.500 as 1/2/3 below
 1. From start of dep
 2. Changeover within planned life
 3. Changeover after end of useful life
 - Change methods - change method to a different phase
 - 0 - no auto changeover
 - 1 - C/o when SLD high
 - 5 - C/o at end of useful life
 - changeover %age rate - %age of acquisition value at which system changes the calc of dep
 - Maintain Period control methods
 - o Acq – period control used for acquiring transactions in year of capitalization.

- o Add - period control for additions or subsequent transactions
- o Ret - retirement
- o Trn - transfer postings
- o Values
 - § 01 Pro rata start date
 - § 02 Pro rata upto mid period
 - § 03 Pro rata at mid period
 - § 04 First yr half dep value
 - § 05 Year start date [Austria]
 - § 06 At start of year
 - § 07 at mid year
 - § 08 at end of year

Maintain dep key

- § Select dep key and go to assignments of calculation methods. DG30 - VWDV thru copy [activate]
- Assignment of calculation methods [left]
 - Phases - Phase - the duration of dep is divided into different phases
 - § 1 from start of dep
 - § 2 changeover within planned life
 - § 3 changeover after end of useful life
 - Base method of calculating dep
 - § 1 0007 ord % after end of life
 - § 2 0011 ord % from useful life
 - § 3 0017 ord imm dep after end of life
 - Decl method of calculating dep
 - § 1 004 3.0/30%/0%
 - § 2 001 0/0/0
 - § 3 001 0/0/0
 - Prd cont period control
 - § 1 002 04/06/02/02
 - § 2 003 01/06/02/02
 - § 3 003 01/06/02/02
- Multi level method
 - § 1 002 0%
 - § 2 001 0%
 - § 3 003 APC any life
- Change method - changeover to a different phase when SL dep is high, when net book value reaches a particular level
 - § 1 1 c/over when SL dep is high
 - § 2 5 c/over after end of useful life
 - § 3 -

Period control

- § Maintain Period control
 - Enter & select – individual period version will be R in pro rata at period start date
- § Define calender assignments - specify period
- § Define time dependent period controls
 - Define dep keys with T/D period control
 - o Assign T/D period control to dep keys. Select co code & enter valid upto, period control key for acq, addl acq, retirement & transfer

- § Generate period controls
 - o Enter FYV & calender yr & generate.

Integration AA with PM - plant maintenance

- Master data
 - o Automatic creation of equipment master records
 - o Specify conditions for synchronization of master data - you specify for asset class, whether auto equipment records [PM] be created, & whether both get updated simultaneously.

Transactions

- Acquisitions
 - o Define transaction types for acquisitions
 - Define transaction types for acquisitions
 - Limit TT [displayed] to dep areas
 - o Define A/c assignment category for Asset PO
 - o Specify asset class for clearing asset from PO
 - o Assign A/c's
 - o Allow downpayment TT in asset class
 - o Define validations
- Retirements
 - o For taxes create ET [exempted tax], update GL thru FS00 to accept all taxes. The a/c's are at assign a/c's above. Tax will then not be calculated at retirement.
 - o Gain / Loss Posting - if gain/loss posting is on, an asset has to be created to hold such gain/loss. If it is kept off, it goes to the GL a/c
 - IMG/FA/AA/Trans/Retirements/Define TT for Retirement
 - Select TT, details & gain/loss * [off]
 - o Assign a/c's - where a/c's are assigned for gain/loss, the same are posted to the GL & not kept in the asset concerned.

SAP/A/c/FA/Fixed Assets

- Posting
 - o Acquisitions
 - § F-90 with vendor
 - § F-91 clearing offsetting entry
 - § ABZON acq/with auto offsetting entry. [new asset, master data]
 - o Retirement with revenue
 - § F-92 with customer [01 DR select customer TT 260
 - § Posting key 50 CR a/c 825000 TT 260]
 - § Click asset retirement curr yr Ret & enter on screen to go to next screen, complete asset no & enter text. Header doc display for a/c entries
 - § ABAON asset sale w/o customer
 - o Asset
 - § AS01 create Asset
 - § AW01N explorer to check posting in Dep posted / planned [green button posted period]
 - § S_ALR_87012347 doc extract to check entries
 - § ABST a/c reco for AA/GL diff
 - § Info system for asset balances
- SAP periodic processing
 - o SCMA schedule manager
 - § Create a task list [top header/tasklist/create]
 - Enter name of task
 - Enter desc, calender etc & save
 - Tasklist appears in the tasklist
 - § Change task list [top]
 - Right click on task list

- Create task
 - o Enter desc, program/transaction, start time etc
- § Select task & execute IN BACKGROUND [TOP HEADER]
 - Enter output device [LP01], title & enter
 - Click immediate & save
 - Background job is scheduled
 - System/Services/jJobOverview/execute [sm37]
 - Click jobname & view spool [xxx]
- § [Depreciation Run](#)
- § AFAB execute - has to be executed period by period
- § Choose period, go top program & execute in background F9
- § LP01
- § Click immediate
- § Save [RABUCH00_FIU]
- § System/Services/jJobOverview/execute [SM37]
- § System/Services/Batch input/sessions/process.

ASSET DATA TRANSFER

Legacy Data Transfer Using Microsoft XL

Along with the  [Data Transfer Workbench](#), the SAP R/3 Asset Accounting component also offers the option of transferring legacy asset data using Microsoft Excel. This method is especially suited for transferring small datasets, such as a few hundred fixed assets. The amount of data you can transfer using this method is limited by the maximum number of rows in your Excel version.

PREREQUISITES

The first step is to load or manually enter the legacy asset data and values from your legacy system into an Excel sheet. The data transferred to the R/3 System has to be in a specified form. In order to ensure that the data transfer is carried out correctly, you should adhere to the following guidelines when creating the Excel sheet:



SAP recommends that you set the *Standard* Excel format for the entire document before you enter any data. Dates, however, can also be entered using the *Custom* Excel format.

The Excel spreadsheet consists of two parts (see the example below).

- In the **header** (blue in the example), you specify the type of data you want to transfer for your assets, for example, the company code, description, and so on.
- In the **asset section** you enter the individual assets and their values.

The Excel worksheet has to contain cells for the legacy asset number, company code, asset class and capitalization date, and values have to be supplied in these cells for each asset. The same applies for any required entry fields that are defined in the asset class in the R/3 System.



You might want to prepare for the data transfer, although the organizational structures of your enterprise have not yet been specified (for example, the description of a company code is not decided). In this case, you enter variables for the missing information, for example, company code XXXX. Before carrying out the data transfer, you can then use the *Replace* function in Excel to replace the variable with the correct value.

HEADER

In the header, you first specify the field descriptions to be transferred. The first 5 rows in the Excel worksheet are reserved for this header information. You are not allowed to use them for asset master data or asset values.

The fields are organized in **record types**. Enter these record types in the first column of the worksheet. The next columns should contain the field descriptions assigned to these record types. SAP recommends the following structure:

USE OF RECORD TYPES

Record type	Used for...	Is assigned to tab page during field assignment (see below) ...
0	Identifier (legacy asset number); record type 0 is reserved solely for the number of the asset from the legacy system, and is not allowed to be used for any other purpose. The system needs the identifier if there are errors, in order to assign them to the correct assets.	Header data
1	Asset master data, general data and inventory data	Header data
2	Posting information, time-dependent data	Time-dependent data to Leasing
3	Depreciation areas, cumulative values, posted values	Depreciation areas, cumulative values, posted values
4	Transactions	Transactions



If you do not need certain record types (for example, record type 4), then you can omit them when creating your Excel worksheet.

ASSET SECTION

Enter the asset values below the header data. You have to enter the asset data in the Excel worksheet so that it corresponds to the structure of the field descriptions in the header.



For example, you specify in the header for record type 1 that the company code is in column B and the asset class is in column C.

The system then recognizes the field contents of all fields of record type 1 in column B as company codes and in column C as asset classes.

Therefore, you have to make sure that for each asset, which is in a row specified as record type 1, that its company code is always in column B and its asset class in column C.

Fields that have leading zeroes in the R/3 System (for example, company code 0001), have to have leading zeroes in this format. Always enter the asset class with 8 places and leading zeroes (for example, 00001000).

EXAMPLE OF STRUCTURE OF XL WKS

Example: Structure of Excel Sheet

Column containing record types

	A	B	C	D	E	F	G	H	
1	0	Legacy asset number							Header
2	1	Comp Code	Asset Class	Descrip.	Inv. Number				
3	2	Cost Ctr	Plant	Manufact.	Cap. Date				
4	3	Dep Area	Dep Key	Use Life	UL in Period	Dep Start	Cumul. APC	Cumul. Dep.	
5	4	Current	Real Area	Tr Type	Amount	Value Dt			
6									Asset Section
7	0	10001							
8	1	0001	00001000	Desk	35796				
9	2	1	0001	Comp1	01/01/97				
10									
11	0	30001							
12	1	0001	00003000	Monitor	41756				
13	2	1	0001	Comp2	01/01/97				
14	3	01	UNR	10	0	01/01/97	1000	100	
15	3	02	UNR	5	0	01/01/97	1000	200	
16	4	1	01	100	5000	01/01/97			

In record type 3 (depreciation area data) always supply the depreciation area name (such as 01) first.

In record type 4 (transactions) you have to enter the sequential number and the depreciation area in the first two fields. The sequential number is used to keep different transactions separate from one another.

REPRESENTING TRANSACTIONS



Record type	Seq. number	Area	Transaction Type	Amount	Posting date
4	1	01	100	5000	01.01.97
4	1	02	100	4900	01.01.97
4	2	01	100	1000	01.01.97

Features

Field Assignment between XL & R/3 [Mapping]

In the R/3 System, you assign the field descriptions of the Excel worksheet cells to fields in R/3 (for example, CoCd to company code). In the initial screen of the transaction, you choose whether you want to use an already existing field assignment or if you want to create a new one. To choose an existing field assignment, select the one you want and choose  *Start with field assignment*. To create a new field assignment, choose *Create field assignment*.



Some Excel versions issue a message at this point in a dialog box. The message states that there is a large amount of data in stored temporarily, and asks if you want this data to be available to other applications. Choose *No*.

You make the field assignment by selecting a row in the *Fields of file* table and selecting its corresponding field on the *Fields of asset master record* tab pages, and then choosing the *Assign* pushbutton. The system does not check if the assignment is logical. However, you can assign each field to exactly one other field. Certain assignments are mandatory. You have to assign the old asset number (from the legacy system). In addition, you have to assign the asset class, company code, capitalization date, and any required entry fields (see above) in the R/3 System.

The system lists only those field descriptions that are defined in the header section of the Excel sheet. These are sorted according to their record type (0, 1, 2 and so on). The asset master data fields that can be completed in the R/3 System are split up on various tab pages. See the **Use of Record Types** table (above) for the valid assignments.

Before the data transfer, the system displays a dialog box, in which it asks if the field assignment should be saved. However, you can also still save the field assignment after the data transfer

(*Saved assignments* pushbutton). In this way, you can carry out a number of data transfers that always follow the same pattern. You thereby only have to carry out the mapping and conversion once. It is saved in your saved field assignment and can be used again in the future.



In the Excel sheet in the above graphic, the assignment of header information to table field in the R/3 System would look like this:

Comp Code – company code

Asset Class – asset class

Tr Type – transaction type, and so on

SETTING THE DATE FORMAT

Choose *Settings* → *Date format* to specify whether the date uses American format (MM/DD/YY or MM/DD/YYYY), ISO format (YYYY-MM-DD), European format (DD.MM.YY or DD.MM.YYYY), or SAP format (YYYYMMDD). Dates in your Excel sheet have to have the same format.

TRANSFER OF FIXED ASSETS

During a test run (choose  *Test run*) the system lists any errors that occur, without actually starting the legacy data transfer.

During a production run (choose  *Assets*) the system creates new assets using the values from the Excel worksheet. It supplies values to their fields based on the assignments you made. To display master records of assets that were created successfully, choose  *Details of return message*.

Any incomplete or incorrect data that could not be used to create assets can be displayed in a separate Excel worksheet (choose  *Export errors to file*).

ACTIVITIES

Start the legacy data transfer program in *Customizing for Asset Accounting*. Choose *Asset Data Transfer* → *Legacy Data Transfer Using Microsoft Excel*.

Legacy data transfer using Microsoft Excel. TC – AS100

- You must have the legacy data in an XI file.
- The cols after that have to be matched to SAP like CO Code etc.
- When all the SAP fields are matched you can upload.
- Legacy data cols will have to be changed to be recognizable by SAP.
- Alternatively you can use BDC.

[some tips] – convert all cells to text.

Asset Data Transfer

Set Co Code Status 2 i.e. test co with data transfer allowed.

Specify Sequence of Dep Areas - 01 must be first.

Date Specifications / Last Closed Fiscal Year – must be followed for Asset data upload in Capitalisation date [seq 2], o/wise date errors. Thereafter an asset can be uploaded backdated, also ensure PP is open.

The INPUTS can be reduced, so that assignment is easier like

- 0 no change
- 1 no change, QTY & UOM can be added
- 2 blank cctr, plant, mfg, loca
- 3 blank cumul apc, cumul dep
- 4 DOES NOT WORK

Legacy Asset No	Identification Feature
Dep Area	Real Dep Area
Dep Key	Depreciation Key
Real Area	Real Dep Area
Current	Sequence No of Asset Line Items in Fiscal Year
Value Date	Reference Date

Controlling

[OB13]

MAINTAIN CONTROLLING AREA

- IMG/ES/Definition/Controlling [OX06 / OK19]
 - o [Maintain CO area](#) [OKKP] - the CO area is the highest level in which you can create reports, since master data & COA are stored here. That is why, once a COA is stored it cannot be changed. Therefore, do not copy CO area before creating GL a/c's [first create thru maintain CO area and then copy, otherwise you will have to make do with INT COA]. When you assign all co codes to one CO area, you need to ensure that all the co codes have the same no of posting periods [FY variants], and the same COA. However the co codes can have different currencies. [cost center hierarchy / select & activate components [left]. At the bottom there is an option for variances, which must be checked R otherwise variances will not be calculated. This option is in General Controlling]
 - o Copy delete check CO area [through structure, templates]
 - o [Maintain CO area](#) - select & details [to change CO area OKKS][when you activate components/control indicators, you cannot activate ProfitAnalysis, unless you create operating concern]
- Assignment
 - o Assign co code to CO area [OB62]
- IMG/CO/General CO/ [OKKP]
 - o Organisation : The definition of the organizational unit is one of the most important activities when introducing the SAP system. According to the complexity of your organizational structure & the components with which you work, you must first analyse the outcome that determining organizational units has on the other SAP components. The complete representation of a complex organizational structure should first be discussed with a consultant.
 - o [Maintain CO area](#)/No ranges/Versions : In other settings there is a cost center hierarchy. If the hierarchy is not created, create it here. Enter Std Hier name, and the system will create it. [cost center hierarchy / select & activate components [left]. At the bottom there is an option for variances, which must be checked R otherwise variances will not be calculated]. TO MAINTAIN NO RANGES [KANK]

COST ELEMENT ACCOUNTING

[create a CCTR first] [KS01] [Change CO Area – OKKS]

There are 4 types of cost elements

1. Primary - must be a GL a/c
 2. Secondary - can be User defined
 3. Direct Posting
 4. Indirect Posting
- Master Data
 - o Create cost element [800000 & 893010]
 - § Create primary cost element - screens â [KA01]
 - § Basic Data :
 - C Ele Cat 11 Revenue
 - Attribute FMW Fixed / Material
 - FP Fixed / HR
 - FPW Fixed / HR/ Effective Payment
 - § Indicators
 - Record quantity *
 - UOM EA

- § Default AA cost center - select [if necessary create a C Ctr first from IMG/CO/CCA/Master Data/Cost Centers]
- § History
- o Secondary Cost Element - [KA06]
 - C Ele Cat 43 internal activity allocation

COST CENTER ACCOUNTING

- Activate Cost Center A/cing in CO area
 - o Select co & activate components [left] [screen similar to CO area , versions etc]
- SAP/Ac/CO/CCA
 - o Master data/ Standard Hierarchy [OKKS to change CO area]
 - § OKEON change - P [enter]
 - Right click on Std Hierarchy & create groups
 - Create cost centers
 - Save
 - Activate
 - Save
- Planning
 - o KP04 select planner profile [use SAPEASY a simple profile, and copy so that defaults can be entered] Use F4 then create new, skip & dbl click CCA & following menu appears.
 - o IMG/CO/CCA/Planning/Manual Planning/Define UD Planner Profiles - better to copy from an existing one as detailed above
 - o Select & left
 - § General CO
 - CuDK currency dist key 1=equal 3=dist by %age
 - QtDk quantity dist key
 - § Layouts for CO
 - Deflt Default params
 - Overw params can be overwritten
 - Integrated XL planning with XL as frontend
 - File description
 - Select & enter default params
 - Version 0 from 1 to period 12
 - Fiscal year 2004
 - Form based [in form based, all elements are depicted, and you can choose. In free you decide]
 - Assign button top[xxx]
- Cost & Activity Input
 - o KP06 change KP07 display
 - o Enter & variables & top left overview - you can enter data like direct production cost 416100, 417001. [overview screen will not open unless 800000 & 893010 have been defined as cost elements & cost center details entered in the cost element].
 - o Top left butt gives 12 period dist
 - o Top left 2nd butt , back for totals & save
 - o Using KP04 before KP06, gets the version, from to periods etc by default. Enter * at cost center & cost element to go to the next screen.
 - o Ensure that both plan & actual data are in the same year [especially if it is a calender year and the cost center exists as on that date]
 - o Earlier plan amounts were entered. To enter actual figures, create AAM thru FKMT equivalence type i.e. specify %ages, so that later amounts can be

- distributed auto. Use F-02 [FB50 requires complex posting to bring up AAM], clear tax problems if any
- o On saving for question "Edit all items" enter screen by screen
- o Enter text where reqd
- o Bank value date
- o TT 50 for total amount
- o S_ALR_87013611 for comparisons [from to period will give plan data for the whole year. For meaningful comparisons, ensure period is relevant]
- Redistribution IMG/CO/CCA/Act Posting/PE Closing/Distribution
 - o Define distribution [okks – set CO area]
 - § Create actual dist
 - § Cycle any name
 - § Starting date 8 type text
 - § Top left button, attach segment [details of cost centers], segment name any & screens
 - § Segment header 40% to redistribute
 - § Sender receiver - sending cost center to receiving cost center
 - § Sender values
 - § Receiver tracing factor
 - o KSV5 for distribution i.e. redistribution [SAP/CO/CCA/PE Closing/Single Function/Allocation]
 - o S_ALR_87013611 to view
- Assessment IMG/CO/CCA/ActPosting/Period end closing/Assessment [allocation, but for a secondary CCtr. For primary use distribution]
 - o Specify receiver types for assessment
 - o Create assessment cost elements [salwel, material03]
 - § Top left master data à screens
 - Basic data - cost element category - assessment 42
 - Indicators
 - Default A Assig SALESBANG CCtr becomes a sender
 - o Define allocation structures
 - § New entries
 - § Assignment [create new]
 - Source from Cele to Cele
 - § Assessment cost element
 - New entries SALWEL [F4]
 - § Settlement cost elements
 - Receiver category CTR
 - By cost element R
 - o Maintain assessment
 - § Create actual assessment / change
 - Cycle UD bpacyc
 - o Iterative
 - o Attach segment
 - § Segment UD bpclasgeg screens â
 - § Segment header
 - Assessment C Ele salwel
 - Receiver rule fixed %age
 - Allocation stru VA
 - Receiver rule Fixed amounts
 - § Sender / receiver
 - Cost center from to
 - Cost ele from to
 - § Receiver cost center from to
 - § Sender values

- Share in % 50 etc
- Act Vals R Plan Vals o
- § Receiver tracing factor - cost ctr WORKWEL
- o SAP/CO/CCA/PE Closing/Single Function/Allocation
 - § KSU5 assessment %o [F8]
 - § S_ALR_87013611 to view

INTERNAL ORDERS

IMG/CO/IO

- Activate order management in CO area
 - o Select & left
 - § Activate components / control indicators
 - § Assignment of co codes
- Order master data
 - o Define order types
 - § Order cat 01 internal order[CO] screen â
 - Order type UD [MKTG]
 - Settlement profile 20 internal
 - Plan profile - general
 - Functional area [like SD,MM etc] *
 - Business area [for consolidation]
 - Archiving time 3 months [removes data from actual DB & stores offline for better space management]
 - Co partner active will produce a total record *
 - Status profile : Release status will allow posting to cost center [no need to release later on]
 - Order layout 0030
 - Print form *
 - Save [no range not maintained error message is OK]
 - § Maintain no ranges for orders [the following applies to **No ranges for settlements also**]
 - Click groups [top button - maintain]
 - The internal order created earlier is unassigned
 - o Position cursor on I/o
 - o Click on top button right [select]
 - o Position cursor on target group [prodn]
 - o Click on top center button [element group]
 - The unassigned I/o will be assigned
- IMG/CO/IO/ActualPostings/Settlement
 - o Maintain no ranges for settlement documents
 - o Maintain settlement cost elements
 - § Create primary settlement cost element
 - § Change Primary/Secondary settlement cost element
 - § **Create secondary** settlement cost element â screens
 - Basic data
 - o C Ele Cat 21 Settlement
 - o Default AcAssign Cost Ctr HPCLCOSTS
 - § Maintain allocation structures VA
 - Assignments [select VA & click assignments]
 - o Source 400000 – 650300
 - o Assessment cost elements SETUP
 - o Settlement cost elements

- § Receiver category CostCtr
 - § By cost element q [leave blank]
 - § Settlement cost element IORCOELE [IO cost ele][secondary cost element defined above]
- § Maintain source structure
 - Select & top left
 - o Assignments - select & left
 - o Source [new entry]
 - o Cost element from to [group leave blank]
- SAP/Ac/CO/IO/Master Data/Special Functions/Order
 - o KO01 create
 - § Co code BPCL plant BPPL
 - § Obj class overhead
 - § Release [right button][will not come if release immediately selected earlier]
 - § Settlement rule [top][w/out which IO will not work]
 - Cost CTR, Receiver DIRPRCOST, %age ----
 - From 1/2003 to 4/2003 etc
 - § Top header Goto settlement params [F8]
 - Allocation structures VA
 - PA trf structure [profitability analysis][FI - Direct a/c assig FI/MM]
 - Save - [order no created]
- IO/Planning/Cost & Activity Inputs
 - o KPF6 change [use form based]
 - o Enter plan data & save
 - o Enter actual values F-02 & GL item fast entry [top butt] for I/Orders. Mention I/o for all 40, but not for 50.
 - o Clear tax probs if any, bank value date, enter text etc.
 - o Save document
 - o S_ALR_87012993 to view
- SAP/Ac/CO/PE Closing/SingleFunction/Settlement
 - o KO88 settlement
 - o IO no last created comes up by default
 - o Enter settlement period [004 for 4] and posting period as relevant.
 - o ¿ [F8]
 - o View cost center comparision - S_ALR_87013611 [as after settlement, amount must go to C Ctr]

ACTIVITY BASED COSTING

- IMG/CO/ABC - there should be a CO area & a cost ctr existing
- Activate ABC in CO area
 - o Activate components - ABC components active for analytical & integrated calculation
 - o Assignment of co codes
- Maintain Std Hierarchy for CO area - assign std hierarchy defined under master data/business process
- Master Data / Bus Processes - Maintain std hierarchy of Bus process [like CCtr] right click & create Bus Proc.
- Templates / maintain templates
 - o Create template - activation conditions [active]
 - o Change template
 - o Display template
 - o Environment BPP [bus planning process]

- o Object type Cost element
 - o Object template
- Assign templates for Bus Process [packing etc] screens
 - o Basic data
 - o Organization
 - o Attributes
 - o Allocation
 - o Templates
 - o History
- Planning / maintain versions
 - o Create authorization groups for versions
 - o Maintain settings of version in controlling area
 - § Settings by fiscal year [integrated planning on for FY 2004]
 - § Version 0, plan R Act R
 - § WIP/RA R Variance R
 - § Auth group, ref version
- SAP/Ac/CO/ABC/Planning
 - o KP04 set planner profile [SAPALL]
 - o F4, create new, skip, dbl click ABC &
 - o IMG/CO/ABC/Planning/Manual Planning/Def UD Plan Profiles - copy SAPALL à ZPCLABC & enter defaults
 - o Select & left
- Cost / Activity/Process/Inputs
 - o CP06 change - bus processes with cost elements as GL a/c's & top left overview
 - o Enter plan fixed / variable costs & dist key 1 [equal dist]
- S_ALR_87011760 plan / actual comparison
- FB50 actual postings - enter bus process in screen
- S_ALR_87011761 plan/actual costs - to check variances

PROFIT CENTER ACCOUNTING

[OMSY to open Fin Year]

- IMG/CO/PCA
 - o Basic settings
 - § Set controlling area
 - o Controlling area settings
 - § Maintain CO area settings - field for dummy P Ctr wil be blank, but as soon it is defined, it should be displayed
 - § Std hierarchy 7777
 - § Elimination of duplication * [keep off]
 - § Local currency
 - § P Ctr currency
 - § Control Indicator [active]
 - o Master data / profit center
 - § Maintain P Ctr groups
 - § Create dummy P Ctr
 - § Maintain profit center [under group created] screensG
 - Basic data
 - Indicators
 - Co codes
 - o PCA/Basic settings/CO area settings

- § Activate direct postings - set control param for actual data - new entries - line / online R
- § Plan versions
 - Maintain plan version
 - o Plan version 0
 - o Settings for P Ctr
 - o New entries
 - o Online R line item R TP0 [transfer price]
 - o Exch rate type "M"
 - Adjust line items [no action]
- § Analyse settings
- § Update basic settings - check all correct ?
- o [MM01](#) create material
 - § Costing 1 scr profit center - enter with Qty structure R & no costing off * .
 - § Costing 2 - Planned price & dates
- o IMG/CO/PCA/Assignment to profit centers
 - § Check assignment
 - Top – assignment monitor IKE4
 - Material
 - Assigned materials - material created assigned to P Ctr
- o [MB1C](#) - initial stock [do not copy/assign WH as it creates a problem in MB1C]
- o VOK0 - pricing for new material if reqd
- o [VA01](#) - sales order
- o [VL01N](#) - pick & post goods issue
- o [VF01](#) - Billing
- o FB15, FD10N, FD11 to view
- o VF02 - A/cing documents
- o IMG/CO/CEA/MD/CE
 - § Create cost elements WRT 800000 & 893010 for them to appear in PCS reports
- o PCA/Transfer Prices
 - § Basic settings for Pricing
 - Condition types
 - Pricing procedures
 - Transfer price variants
 - § Advanced settings for pricing
 - Define price dependencies
 - Define access sequences
 - Define condition exckusions for groups
 - Define pricing reports
 - § Profit planning
 - Define permitted a/c's [to appear in PCA]
 - 800000 sales
 - 893010 cost of sales
 - § Actual postings
 - Maintain automatic a/c assignment
 - C/E 800000 PC BPTRANS Mandatory 3
- o SAP/CO/PCA/Planning
 - § 7KEP set planner profile SAP800 PC groups [centralized]
- o SAP/CO/PCA/Planning/Costs/Revenues
 - § 7KE1 change
 - § 7KE2 display
 - § Version 0 1-12 2003
 - § Co code Pc Gr A/c etc

- § Overview [enter] 8
- § PCtr, Amount, Dist, INR etc
- § Enter costs/revenues - equal dist etc
- o Since sales are booked thru VF01, after entering plan amounts, variances can be viewed thru SAP/CO/PCA/InfoSystems/ReportsForPca/InteractiveReporting S_ALR_87013326

PROFITABILTY ANALYSIS

There are 2 types of profitability analysis : Costing based & Account Based

- IMG/ES/Definition/Controlling
 - o Create operating concern 00BP - save & activate
 - § Select create button [ignore the warning message]
 - § Name operating concern.
 - § Select Costing Based.
 - § Select attribute tab.
 - § OC Currency = INR
 - § Select Co Code Currency = INR
 - § Fiscal Year = K4
 - § Save
- IMG/CO/PA/Structure/BasicStructures/DefineOpConcern
 - o Manitain Op Concern - Screens K
 - § Data structure

• <u>Charecteristics [to see]</u>	<u>Value Fields[to see]</u>
• Customerwise	Sales Qty
• Cust Groupwise	Sales Value
• Materialwise	COGS
• Material Groupwise	Discounts
 - § Transfer From
 - § Characteristics

• MATKL	Matl Group click t
• KUNNR	Customer click t
• KMKDGR	Customer Group
• VVGRW	Group weight
 - § Value Fields

• VVIQT	Invoice Qty
• VV010	Revenue
• VV020	Qty Discount
• VV030	Customer Discount
• VV040	Material Discount
• VV060	Other Rebates
• VV070	Cash Discount
• VV110	Accrued Freight
• VV140	COGS
 - § Save
 - § Select Save/Activate Button
 - § Save
 - § Select Back Arrow
 - § Select YES for "Do you want to generate Op Concern Environment ?" [Status Green = Active]
 - § Attributes
 - § Environment - activate client specific Part
 - § On activation "Gen OP Environment"
 - IMG/ES/Assignment/CO/Assign CO area to OP Concern
 - IMG/CO/General Controlling/Organisation
 - o Maintain CO area

- § Activate components
 - o Maintain versions 0
 - § Settings in op concern – weekly
- IMG/CO/PA/Structure/BasicStructure/DefineOP Concern
 - o Maintain characteristics [key fields]
 - o Maintain value fields
 - § ERLOS - revenue
 - § ABSMG - sales qty
 - § KWBRUM - gross sales
 - § KWFRGR - dir matl costs
 - § KWMARB - matk discount
 - o Define profitability segment characteristics
 - § Operating Concern – 00BP
 - § Select Costing Based
 - § Enter
 - § Save
- IMG/ES/Assignment/CO/Assign CO Area to OP Concern
- IMG/CO/PA/Master Data
 - o Maintain characteristics values [top button all chars on/off]
 - § Clicking on a char = maintain values
 - § Char hierarchy [to structure your products / customers]
 - o Define char derivation - derivation lets you find values for certain chars automatically based on known values of other chars, where these chars are logically dependent on one another
 - § Derivation rule - country key, sales orgn, dist channel, division & plant - source & target
- Valuation
 - o Define & assign valuation strategy
 - o PV REC Plan Ver Val Strat
 - o 1 A 0 BPV
 - o Point of valuation PV 1 à Real time
 - o Record à A - incoming sales order
 - o Details [left]
 - o Assign valuation strategy
- Setup valuation using Matl Cost Estimate
 - o Define access to std cost estimate
 - o Costing Key 001 Costing variant PPC1
 - o Costing version 1 Period [template à] 012.2003
 - o Cost estimate is executed w/o date
- Define access to actual costing matl ledger
 - o Costing key 002
 - o Valuation view - profit center valuation
 - o Type of valuation - only transfer total cost
 - o Plant 00BP period 012.2003
 - o Valuation field allocation 00BP ERLOS
 - o Assign costing keys to products 001,002
 - o Assign costing keys to material types 001,002
 - o Assign costing keys to any chars n/a
 - o Assign value fields ERLOS
- Setup conditions & costing sheets
 - o Define condition tables [create top button]
 - § 501 class temp
 - o Define access sequences
 - § BP01, 01, Table 501, Customer / Material
 - o Create condition types & costing sheets

- § Define type, prices & price
 - § Separate pricing proc for CO [ZWMP01]
 - § Steps counter ZBPR
 - § 100 00 ZBPR
 - § Condition records however do not appear [xxx]
- o Assign value fields
- o Ctype Value Field
- o ZBPR ERLOS
- Define pricing reports - P1
- Cost ctr, co code, header [key field & text] rest – item level [only key field]
- Planning
 - o Initial steps
 - § Maintain version 0
 - § Settings in Op concern [transfet to gop – create char groups]
 - o Assign qty fields
 - § SD Qty Field COPA Qty Field
 - § Order qty Sales Qty
 - o Planning framework
 - § Setup planning framework 00BP
 - § Create planning level from planning layout ZPLAN
 - § Manual entry of Planning data
 - Define planning layout
 - o Select Confirm
 - o Setup trans based top down dist
 - § Define value field assignment
 - Value field same as ref field
 - o Define dist profile [BDI]
 - § Dist level
 - Receiving char PRCTR [profit Ctr]
 - o Flow of actual values
 - § Initial steps
 - Charecteristic groups
 - Maintain char groups [see top]
 - Assign char groups for assign screens
 - Assign char groups for line item screens
 - § Value field groups
 - Maintain value field groups
 - BPVF [only value fields Rev, Gross sales, freight etc]
 - Assign value fields for line item screens
 - o Transfer of incoming sales orders
 - § Assign value fields SD à COPA
 - Condition Type Value Field
 - PR00 VV010
 - KP00 pallet dis VV020
 - KA07 cust dis VV030
 - KA00 sales promotion VV060
 - ZF00 accrued freight VV110
 - VPRS cost VV140
 - § Save
 - § Assign Qty Fields SD à COPA
 - SD Qty Field COPA Qty
 - BRGEW VVGRM gross wt
 - FKIMG VVIQT invoice qty
 - § Activate transfer of incoming sales orders
 - § Transfer of billing documents

- § Order & Project settlement
- § Define PA transfer structure for a settlement
 - PA Trf Stru FI
 - Assignment line 50 [revenues]
 - Source cost element 800000 to 805000
 - Value fields ERLOS
- § Assign PA Stru to settlement profile 00BP
- o Activation of Profitability Analysis
 - § IMG/CO/PA/Flow of Actual Values/Activate PA
 - Select thru position
 - § IMG/CO/PA/Flow of Actual Values/Initial Steps/Define No ranges for Actual Postings
 - Select Op Concern
 - Select maintain groups
 - Save
 - § IMG/FA/Global Settings/Document/Line Item/Controls/Maintain FSV
 - Select FSV [0001]
 - Dbl Click FSG [G004]
 - Dbl click Addl A/c Assignment [PgDn]
 - Profitability segment ž required.
 - Save ¢ enter
 - Select G001 & dbl click
 - Dbl click Addl A/c Assignment
 - Profitability segment ž required.
 - Save
 - § IMG/CO/PA/Flow of Actual Values/Direct Postings from FI/MM
 - Select maintain PA transfer stru for direct postings
 - Select FI [stru] Financial A/cing
 - Dbl click assignment lines
 - Select 10 direct cost from FI
 - Dbl click source
 - From 400000 to 499999
 - Dbl click value fields
 - Select new entries
 - Select Value fields [QTY/Value] 1 [fix] VV140 [value field]
 - Save
 - Select t . [back arrow]
 - Select 20 direct revenues from FI
 - Dbl click source
 - From 300000 to 399999
 - Select Value fields [QTY/Value] 1 [fix] VV140 [value field]
 - Save
- § Posting of transaction in FI [F-02]
- § 40 cash 200010 8 amt 100000 BA BPCL des = sales posting
- § 50 sales 300000 8 amt "" "" BA BPCL des = +
- § Select profit segment ¢ [arrow]
- § Select P [continue]
- § Save
- § To see the report
- § A/c/CO/PA/Info System/Execute report
- § Dbl click IDES 50 actual data
 - Sales org 1000
 - From 1.02.00
 - To 12.02.00

- Plan/act ind = 0
 - Execute
- § Goto navigate [menu] ¢ switch drill down
- § Select customerwise.
- § Navigate ¢ switch drill down.
- § Select actual data.

PRODUCT COST CONTROLLING

What are the material types ?

- | | |
|--------------------------|----------------------|
| 1. Raw Material | ROH - Account Groups |
| 2. Stores & Spares | ERSA |
| 3. Packing Material | VERP |
| 4. Finished Goods | FERT |
| 5. Trading Goods | HAWA |
| 6. Semi – Finished Goods | HALB |
| 7. Services | DIEN |

You have to create under material master just like GL Master in FI.

Material Master :

- Purchase View - Views are nothing but areas or different screens.
- Sales View
- Accounting View
- Costing Views
- MRP View
- Production View
- Quality View

Product Costing is used to value Finished Goods at Standard Price.

Cost Sheet :

Raw Material	xxx	qty from BOM x price as per matl master
RM Overhead	xxx	%age of RM above
Personnel Cost	xxx	
Manufacturing Cost	xxx	
Mfg Overhead	xxx	
Cost of Goods Mfg		
Admin & SD	xxx	
Cost of Goods Sold	xxx	

	Personnel					Power	
Dept	A	¢	B	¢	C	¢	D
[routing means how many depts. Or product runs]							

Power Cost 100,000

No of Hrs 10,000

Per Hr 10

Depts are called
work centers in PP

In work centers we assign
Cost center.

Yarn 2hrs x 10 = 20

ProYarn 6hrs x 10 = 60

All done in 1000 Co Code

Basic Settings

Log/MM/Matl Master/Material/Create General – immediately
MM01

- Material WSLFG
- Material Type Finished Goods
- Material T – F100
- Industry Sector Mech Engg
- Select Orgn Levels
 - o Plant 1000 8 [enter]
- Select top right button
- Select Accounting 1 View
 - o Price control S Standard
 - o Std Price 200
- Select top right button
- Select Costing 1 view
 - o Select R with qty structure
- Overhead group = SAP10
- Select Costing 2 view.
- Save

Creation of Raw Material

- Material WSLRM1
- Industry Mech Engg
- Matl Type Raw Material
- Material T-T300

- Select Organisational Levels
 - o Plant 1000 8 [enter]
- Select top right button - Accounting 1 view
 - o Valuation Cost 3000
 - o Mov Avg Price 50 Rs
- Save
- Material WSLRM2
- Industry Mech Engg
- Matl Type Raw Material
- Select Organisational Levels
 - o Plant 1000 8 [enter]
 - o Des WSLRM2
- Select top right button - Accounting 1 view
 - o Valuation Class 3000
 - o Avg Price 25 Rs
- Save

Creation of Work Center [in production planning]

Log/Prodn/Master Data/Work Centers/Work Center/Create CR01

- Plant 1000 work center & cost center will be same
- Work Center Test5 [any name]
- Work Center Cat 0001
- 8 [enter]
- Working Hamburg Test5 work center
- Select costing tab ¢ date = 1.1.03
- Cost Center Test2
- Machine 1419
- Save

Creation of Routing [routing means how many depts or product runs]

[logic ¢ this product goes thru how many depts.]

Log/Prodn/Master Data/Routings/Standard Routings/Create CA01

- Material WSLFG
- Plant 1000
- Group 50000002
- 8 [enter]
 - o Usage 1
 - o Status 4 [released general]
- Select Operations Button
- Operations Work Center
- 0010 Test5
- Dbl Click 0010 operation
- Machine 120 mins
- Save

Define Costing Sheets :

IMG/CO/PCC/PCPlanning/Basic Settings for Material Cost/Overhead

Define Costing Sheets

- Select COGM [cost of goods manufactured]
- Dbl Click costing sheet rows
- Select 10 raw material
- Dbl Click base
 - o Controlling area 1000
 - o From Cost element 400000 to CE 410000
- Select 20 Material O/h
- Dbl Click overhead rate
 - o Position ¢ enter
 - o Give OH type 2 OH type
- Select 60 Prod Cost
- Dbl Click base
 - o CO area 1000
 - o Select new entries
 - o From CE 416200 to CE 416200
- Save

CREATION BILL OF MATERIAL

Log/Prodn/Master Data/BOM/Material BOM/Create CS01

- Material WSLFG
- Plant 1000
- BOM Usage 1
- 8 [enter]
- Item Item Category Comp Unit
- 0001 L WSCRM1 PC
- 0002 L WSCRM2 PC
- Save

CREATION OF SECONDARY COST ELEMENT

A/c/CO/CEA/c/Master Data/CE/Indiv Proc/Create KA06

- Cost Element 620001 [any no can be given]
- Valid from 01.04.00 [Co Area WSL]
- 8 [enter]
 - o Name machine hour rate
 - o Element Cat internal activity allocation 43
- Save
- Co Area 1000
- Save

CREATION OF ACTIVITY

A/c/CO/CCA/MD/Activity Type/Indiv Proc/Create KL01

- Activity Type 1419 [can be any no or name]
- Valid from 01.01.00 8 [enter]
- Name machine hours
- Description machine hours
- Activity unit H
- Cctr category *
- Act Type Cat 1
- Allocation CE 620001
- Save

CREATION OF COST CENTERS

A/c/CO/CCA/MD/Cost Centers/Create KS01

- Cost Center Test2 [any name or no]
- Name Test2 cost center
- Description Test2 cost center
- Person responsible A
- C Ctr Category 1
- Hierarchy Area H1
- Co Code 1000
- Bus Area 1000
- Save

CREATION OF COST CENTER GROUP KSH1

- Cost Center Group Testall [any name]
- Testall Testall
- Test2
- Save

PLANNING FOR COST CENTER FOR POWER ELEMENT KP06

Version = 0
 From Period = 10 [for next month]
 To period = 10
 Fiscal Year = 2003
 Cost Center = Test2
 Cost Ele to = 499999
 Select 8 from based
 Select overview screen

<u>Cost Element</u>	<u>Plan Fixed Cost</u>
416200	100000

 Save

CHANGE ACTIVITY TYPE PER PRICE PER PLANNING

[giving no of hrs required]

Controlling/CCA/Planning/Activity/Output Price/Change

Version = 0
 From Month = 10
 To Period = 10
 Fiscal Year = 2003
 Cost Center = Test2
 Activity Type = 1419
 Select 8 from based
 Select overview screen

<u>Activity</u>	<u>Plan Activity</u>
416200	100000

 Save

PRICE CALCULATION [to get per hr cost calculation]

Accounting/Controlling/CCA/Planning/Allocations/Price Calc

[TC – KSPI]

Select Cost Center Group = Testall
 Select no bus processes = R
 Version = 0
 Period From = 10
 To Period = 10

Fiscal Year = 2003
 Test Run = R
 Detail List = R
 Execute
 Select back arrow
 Yes

TO CHECK WHICH COSTING SHEET IS TO BE ATTACHED TO COSTING VARIANT
 IMG/Controlling/PCC/Material Cost Estimate with Qty Structure/Define Costing Variant
 [TC – OKKN]

Select Position Button
 Costing Variant = PPC1 [std cost estimate]
 Select PPC1 ¢ select details button
 Select valuation variant button
 Select overhead tab = costing sheet = COGM
 Save

GOODS RECEIPT / PRODUCTION RECEIPT [in MM]
 Logistics/Matl Mgmt/Inv Mgmt/Goods Movement/Goods Receipt/Other
 [TC – MB1C]

Document Date = 23.07.03
 Posting Date = 23.07.03
 Movement Type = 521
 Plant = 1000
 [enter] 8

<u>Material</u>	<u>Qty</u>	<u>SLOC</u>
WSLFG	1	0001

 Save

TO CHECK THE MATERIAL MASTER TO SEE VALUES ARE UPDATED OR NOT

Material= WSL
 Plant = 1000
 Accounting 1

CREATION OF COST ESTIMATE WITH QTY STRUCTURE

Accounting/CO/PCC/PCPlanning/Material Costing/Cost Estimate with Qty Structure/ Create [TC
 – CK11N]

Material=	WSLFGWSLRM1	=	50	
Plant	= 1000		RM2	= 25
Costing Variant	PPC1	10 %	=	7.5
Costing Version	1	Power 2x5	=	<u>10</u>
8 [enter]				92.5
8 [enter]				
	<u>Cost Element</u>		<u>Total Value</u>	
	620001		10	
	400000		50	
	400000		25	
	629900		2.10	
	655100		<u>7.50</u>	
				94.6

Save
 Goto Material Master MM03
 Select Costing 2 View

Accounting/CO/PCC/PCPlanning/Material Costing/Price Update

[illegible]

When you do releasing, cost estimate price will become current price.

COST ESTIMATE WITHOUT QUANTITY STRUCTURE

[TC – KKPAN]

Marking & releasing [we are avoiding PP completely]
Same as price update.

COMPANY CREATION

1. IMG/General Settings/Set Countries/Define Countries in R/3 Systems/select country & enter "M" in Properties/Exch rate type.
2. Define company
3. Copy, delete, check co code [org object]

4. Edit co code data [Waldorf à ----]
 5. Assign co code to company
 6. Copy chart of accounts
 7. Delete GL a/c's with general master data
 8. Assign co code to chart of accounts
 9. Copy co code [diff COA message is OK]
 10. Edit COA list à English [“ “ & E]
 11. Check retained earnings a/c
 12. Recheck step 3 [IMG/ES/Def/DCDC co code]
 13. FS00 check a/c's
 14. Change GL a/c collectively [only if reqd]
- [DO NOT copy CO area, unless you require it]

MM & SD

1. Define Plant [change country & then copy o/w change to IN will not be possible]
2. Define Location - copy
3. Define division - copy
4. Define sales organization - copy
5. Define distribution channel - copy
6. Define storage location - copy [DO NOT COPY WH as it creates a problem in MB1C]
7. Define [Shipping point](#) - copy
8. Define [Common DC & DIV](#)
9. Assign plant to co code
10. Assign sales org to co code [select & assign Top]
11. Assign DC to SO
12. Assign Div to DC
13. Setup sales area / assign SO to DC to Div
14. Define Credit control area
15. Assign SO to Cr Control Area
16. Assign [Shipping Point](#) to plant
17. DO A CONSISTENCY CHECK
18. Create Customer/Vendor [reco for cust 24430000 / vend 13110000]
19. Create Material [MM01](#) [ensure dates are open thru OMSY / MMPI]
20. Initial Stock entry [MB1C](#) [check with MMBE]
21. Pricing [VOK0](#)
22. Sales order [VA01](#) / VA02
23. Outbound Delivery order [VL01N](#)
24. Billing [VF01](#)

25. A/c Entries VF02

COST CENTER ACCOUNTING

OKKS to change CO area

1. [Maintain CO area](#) [first create thru maintain CO area and then copy, otherwise you will have to make do with INT COA]
2. Copy delete check CO area
3. Assign co code to CO area
4. [Maintain CO area](#)/No ranges/Versions : [IMG/CO/General CO/] In other settings there is a cost center hierarchy. If the hierarchy is not created, create it here. Enter Std Hier name, and the system will create it. [cost center hierarchy / select & activate components [left]. At the bottom there is an option for variances, which must be checked R otherwise variances will not be calculated].
5. Create default cost center from IMG/CO/CCA/Master Data/Cost Centers
6. Create primary cost elements
7. Activate Cost Center A/cing in CO area
8. OKEON change - P [enter], Right click on Std Hierarchy & create groups, Create cost centers, Save, Activate, Save
9. KP04 select planner profile [use SAPEASY]
10. KP06 change cost & activity inputs
11. FKMT / F-02 enter actual values
12. S_ALR_87013611 for comparisons

INTERNAL ORDERS

1. [Maintain CO area](#) [first create thru maintain CO area and then copy, otherwise you will have to make do with INT COA]
2. Copy delete check CO area
3. Assign co code to CO area
4. [Maintain CO area](#)/No ranges/Versions : In other settings there is a cost center hierarchy. If the hierarchy is not created, create it here. Enter Std Hier name, and the system will create it. [cost center hierarchy / select & activate components [left]. At the bottom there is an option for variances, which must be checked R otherwise variances will not be calculated].
5. Create default cost center from IMG/CO/CCA/Master Data/Cost Centers
6. Create primary cost elements
7. Activate Cost Center A/cing in CO area
8. Activate order management in CO area
9. Define order types
10. Maintain no ranges for orders [the following applies to No ranges for settlements also], Click groups [top button - maintain] ,The internal order created earlier is unassigned, Position cursor on I/o, Click on top button right [select], Position cursor on target group [prodn], Click on top center button [element group], The unassigned I/o will be assigned
11. Maintain no ranges for settlement documents, Maintain settlement cost elements, Create secondary settlement cost element , Maintain allocation structures VA, Maintain source structure.
12. KO01 create internal order, Settlement rule [top], Top header Goto settlement params [F8], PA trf structure [profitability analysis][FI - Direct a/c assig FI/MM]
13. Save - [order no created]

14. KPF6 change cost & activity inputs [use form based]
15. Enter actual values F-02 & GL item fast entry [top butt] for I/Orders. Mention I/o for all 40, but not for 50, Clear tax probs if any, bank value date, enter text etc.
16. Save document
17. S_ALR_87012993 to view
18. KO88 settlement, IO no last created comes up by default, Enter settlement period [004 for 4] and posting period as relevant, ⌵ [F8]
19. View cost center comparison - S_ALR_87013611 [as after settlement, amount must go to C Ctr]

ACTIVITY BASED COSTING

OKKS to change CO area

1. [Maintain CO area](#) [copy delete check CO area][DO NOT copy COA]
 - a. PCA Off, ABC analytical
2. Check maintain no ranges for co docs [IMG/CO/General CO/Organisation]
3. Maintain versions 0 select
 - a. CO area settings & select CO area
 - b. Setting by FY & integrated planning on for FY 2004
 - c. While saving you will have to specify LP01 etc
4. Activate CCA in CO area
 - a. Std Hierarchy to be created by system
5. Define std hierarchy - create cost center
6. Activate ABC in CO area
7. Maintain std hierarchy - enter
8. Maintain std hierarchy of Bus Processes - create [right click]
9. Maintain Templates - create [activation condition - active]
10. Assign templates for Bus Process
11. KP04 - sapall
12. CP06 - enter amounts & a/c
13. FB50 - actual amounts
14. View variances thru S_ALR_87011761

PROFIT CENTER ACCOUNTING

1. Define Cr Control Area
2. Define plant , address to change IN / Copy, Delete, Check Plant
3. Define copy delete check Sales org [edit]
4. Define copy delete check dist channel
5. Maintain storage area - delete & then create
6. Define copy delete check [Shipping point](#) [edit country etc]
7. Assign co code to Cr control area
8. Assign plant to co code [delete & assign if incorrect]
9. Assign SO to co code
10. Assign DC to SO
11. Assign Div to SO
12. Setup sales area
13. Assign SO, DC to plant
14. Assign sales area to cr control area
15. Assign [Shipping point](#) to plant [DO NOT COPY/ASSIGN WH]
16. Define [common DC & Div](#) [IMG/SD/Master Data] [will come auto after assignment above]
17. Consistency check
18. OMSY to change MM dates to cur year
19. MMPI to initialise [LogGen/MatMast/Tools/Initialise period]
20. [Maintain CO area settings](#)

- a. Field for dummy pctr will be blank, but as soon as it is defined, it should be displayed
 - b. Std Hierarchy 7777
 - c. Elimination of duplication * [keep off]
 - d. Local currency
 - e. P Ctr currency
 - f. Control indicator [Active]
- 21. [Maintain P Ctr groups](#)
- 22. Create dummy PCtr [will not accept group]
- 23. Maintain PCtr [under group 20] screens
 - a. Basic Data, Indicators, co codes
- 24. Activate direct postings
 - a. Set control param for actual data
 - b. New entries line/online R
- 25. Plan Versions
 - a. Maintain Plan version
 - i. Plan version 0
 - ii. Setting for P Ctr
 - iii. New entries
 - iv. Online R Line item R TP0 [transfer price]
 - v. Adjust line items - n/a
- 26. Analyse settings
- 27. Update Basic settings - check all correct
- 28. [MM01](#) - create material
 - a. Costing 1 scr Profit Center Enter, with Qty Stru R & no costing OFF
 - b. Costing 2 Scr Planned price & dates
- 29. Check assignment [CO/PCA/Assignment to Pctr]
 - a. Top - Assignment Monitor IKE4
 - b. Material
 - c. Assigned materials [material created assigned to PCtr]
- 30. [MB1C](#) Initial Stock
- 31. VOK0 Pricing
- 32. [VA01](#) Sales order
- 33. VL01N Pick & Post goods issue
- 34. [VF01](#) Billing
- 35. FB15, FD10N, FD11 to view
- 36. VF02 A/c docs
- 37. IMG/CO/CEA/MD/CE - create cost elements wrt 800000 & 893010 for them to appear in PCA reports
- 38. Basic settings for prices [transfer prices]
 - a. Settings for condition types
 - b. Settings for pricing procedures
 - c. Settings for transfer price variants
- 39. Advanced settings
- 40. Define permitted A/c's [to appear in the PCA][Planning/profit planning]
 - a. 800000 sales
 - b. 893010 cost of sales
- 41. Maintain automatic a/c assignment of revenue elements [for PCA reports][Actual postings] C/E 800000 PC BPTRANS Mandatory 3
- 42. SAP/CO/PCA/Planning
 - a. 7KEP set profit planner
 - b. SAP801 PC Planning [decentralized]
- 43. SAP/CO/PCA/Planning/Costs – revenues
 - a. 7KE1 change
 - b. 7KE2 display
 - c. Enter costs/revenues - equal dist etc

- d. Version 0 1-12 2003
 - e. Co code PC Gr A/c etc
 - f. Overview enter
 - g. PCtr, Amt, Dist, INR etc
44. Since sales are booked thru VF01, after entering plan amounts, variance can be viewed thru SAP/CO/PCA/InfoSystems/Reports for PCA
- a. Interactive reporting S_ALR_87013326

Trouble Shooting

FBD1

Enter company code, fiscal year, settlement period [which should coincide with run date] and user.

Depreciation Run

Depreciation run is supposed to generate a session, because batch input in R ON in document type AF [dep posting]. If it is set off, the posting will take place. Keep the spool on which comes up by default, and view the spool through own spool requests. No need for any special params. Go by defaults.

House Bank Config

You may not be able to delete all the info copied. After defining the House Bank etc, commence deletion from bottom up [ie value date upwards.] In the HB definition keep bills of exchange off. In the Payment method / Country, add all GERMAN [DE] types.

In the Payment Method / Co Code, all DE types will be preset. As there would be a problem of 196600 not being a reco a/c , goto FS00 and change 196600 to be a reco a/c. In Define Reco A/c's without Automatic Payments, add 196600 to the list. Deletion will now be possible under Setup Bank Deter for Payment Trans.

Define Common Dist Channels & Div

IMG/SD/Master Data - common master data in DC Div should be defined & assigned to a co code. Master data forms the basis for SD processing. Precisely maintained data simplifies & accelerates the operations procs in daily business.

Shipping Point

While copying from 0001, you may end up with multiple shipping points, which can be cleared by LE/Shipping/Picking/Determine Pick Loca/Assign PL - DELETE unwanted assignments & go back to assignment of SP. There you will now be able to delete unwanted SP.

To clear problem of SP determination -
 LE/Shipping/Basic_Shipping_Functions/SP&GRP_Determination/Assign SP - DEASSIGN and DELETE as above. Shipping condition problem
 IMG/LE/Shipping/Define_Shipping_condition_by_sales_doc_type select sales doc type [ZOR] & enter SC 01.

The above would normally happen when 0001 is copied & all associated SP will be assigned. These multiple SP create a problem at VA01 & VL01N.

MM01

Use OMSY for cur yr dates. Year has to be closed under MM, so that year can be current etc. **To change** dates LogGen/MatI Master/Tools/Initialise_Period MMPI.

In case all screens do not come up for MM01, LogGen/MatI Master/BasicSettings/MatI Types/Define Attributes of MatI Types, click FERT & select the screens you want. DO NOT TOUCH WH.

MB1C

Initial stock entry [DO NOT COPY WH, OR DEFINE IT FOR MM01] Sometimes MB1C gives an error – product class FERT does not exist / consistent etc. Reason FERT is not defined for updating in IMG/CO/PCC/PCPlanning/Mat_cost_estimate_with_qty_stru/Settings_for_qty_stru_control/Material_data/Check_attributes_of_mat_types/ select matl & left Qty/Value updating & FERT R

You may have to incorporate valuation group OMWD

A/c determination - MM/Valu&A/cAssignment/A/cDeter/Wizard [not recommended]

A/c deter w/out wizard - configure auto postings

If a/c's are blank, enter relevant a/c's manually for procedures UMB, BSX, PRD, GBB etc

MB1C – FERT – 7920 - 561

Proc		PK	A/c Dr	PK	A/c Cr	
UMB	gain/loss reval	83	232500	93	282500	D/C, V/C
BSX	inv posting	89	792000	99	792000	V/C
PRD	cost price diff	86	231500	96	281500	D/C, G/M, V/C
GBB	offsetting entry	BSA 81	799999	91	799999	D/C, G/M, V/C
		VAX 81	893010	91	893010	P P P

VA01

Sold to party does not exist – when customer was created under FD01, create from VD01 / in VA01 use create button, & re enter the VA01.

In case of Business Area, ensure BA assignment in all LG, SD, LE & complete data comparison under Log General

Create a new order type under IMG/SD/Sales/Sales_Documents/SDHeader/DefineSDTypes create new

Assign sales area to SD Types IMG/Basic_Function/AA&Costing/AssignGLAccounts [140000, 140030 if former does not work]

In case you want to analyse why taxes not calc, analyse at VA01, dbl click qty / conditions / analysis.

VL01N

If storage loca not entered at MM01, you have to enter it here. Problems of shipping point / condition clear as above. SC 01 [std].

TAXES

SD does not generate taxes. – in MWST add condition thru VK11 – in ZWMP01, condition MWST must have Reqt 10 [plant is set] & at AltCBV 16 [net value – this makes tax on net value i.e. exclusive. In FICO all taxes are incl]

In case you want to analyse why taxes not calc, analyse at VA01, dbl click qty / conditions / analysis.

In case VFX3 reports that a taxcode SA etc is missing, the same can be created in FA Global, so that taxes are calculated.

Tax probs VOK0 / Acc Seq MWST - for Access No 8 [Departure Country/ Destination Country] Requirement 8 [Export business] was changed to 7 [Domestic Business] after which taxes appeared in VA01 analysis though **incorrectly**. This was later rechanged to 8 for export business [exclusive on] and condition type MWST [VOK0 / VK11] created for taxcode A1. This gave the desired results.

Tax Probs SD/Basci Func/Taxes/Plants Abroad/Assign GL Ac to Ac Key / goto table 005 Appli
CondType COA Sorg Act Key GL A/c
V KOFI HPCL HPCL MWS 175000

Regionwise taxes possible thru county code, but MWST does not support it. You may have to explore USTX etc. County can be set at plant & customer a/c.

VF01

In case of Foreign Trade Error :

S&D/Foreign Trade Customs/Control Foreign Trade Data in MM & SD Documents /Import Screens in Purchasing Documents : HPCL Import Data should be BLANK.

S&D/Foreign Trade Customs/Basic Data for Foreign Trade/Define Commodity Codes /Import Code Nos by Country : There should be no entry for IN.

In case of no doc no range, create the doc no range. [FBN1]

In case of Billing problems – no a/c docs use VFX3 at SAP/LOG/SD/Billing/Billing Doc and release billing doc for a/cing by clicking flag 7 . In case it is unsuccessful, a message will appear to go to notes at top header.

In case of wrong reco a/c, 140000 is the normal reco a/c [img/s&d/basic functions/account assign costing/reco acct determination/assign GL a/c's][OV64]. Using 140030 will stop postings to the Customer A/c. Use [img/s&d/billing/billing documents/define billing types] [VOFA], GoTo Billing doc type F2 [defined in img/s&d/sales/sales doc header/define sales doc[sales order] types - VOV8], and ENSURE ONLY RECO A/C IS ON . In case Acc Det Cash settlement is on, the posting will go to a GL a/c instead of a customer a/c.

Maintain CO Area

IMG/CO/General CO/Organisation

Create new entry & then copy. DO NOT COPY COA. Creating new allows you to use your COA instead of INT.

- Enter CO area
- CO area same as co code
- Curr type 10
- Currency INR
- Cur & val profile BLANK

Maintain P Ctr groups

After creating the group, go back to maintain CO area setting and put the group in the tree, o/w P Ctr will not accept the group, and you will have to make do with the hierarchy

Implementation Notes

Some commonly used terms

IDES	International Demonstration Evaluation Server
ASAP	Accelerated SAP
CIN Version	Country India Version
LSMW	Legacy System Migration Workbench
CATT	Computer Aided Testing Tool
BDC	Batch Data Communication
CRM	Customer Relationship Management
SEM	Strategic Enterprise Management
BIW	Business Information Warehouse
KM	Knowledge Management
BOR	Business Object Repository
SQL	Structured Query Language
GUI	Graphical User Interface
RFID	Radio Frequency Identification
APO	Advanced Planning Optimiser
EAI	Enterprise Application Integration
IDOC	Intermediary Document
EDI	Electronic Data Interchange
ALE	Application Link Enabling - used to distribute data [master & tran] across different systems

BAPI	Business Application Programming Interface
ABAP	Advance Business Application Programing Language
LES	Logistics Execution System
BPML	Business Process Master List
OLAP	Online Analytical Processing
ATP	Available to Promise
B2B	Business to Business
OSS	Online Support System
BADI	Business Add In
CMOD	Customer Modification
ERP	Enterprise Resource Planning
EWS	Enterprise Wide System
BPR	Business Process Re Engineering
SME	Small & Medium Enterprises

Implementation Phases

Implementation Stages :

ASAP is a PC based solution recommended by SAP for implementation planning and for use in an [R/3 System](#) implementation. ASAP optimizes time, quality & efficient use of resources. ASAP integrates 3 components

1. The ASAP Roadmap
2. Tools
3. R/3 Service & Training

The ASAP Roadmap – which delivers a process oriented, clear & concise project plan to provide step by step direction throughout the R/3 implementation, which consists of 5 phases.

1. [Project Preparation / Scoping](#)
2. [Business Blueprint](#)
3. [Realization](#)
4. [Final Preparation](#)
5. [Go Live & Support](#)

Tools :

Implementation Assistant
Question & Answer Database [QADB]
Implementation Guide

Profile Generator
 Transport System
 R/3 Business Engineer
 Project Estimator – helps drawing up a project plan.
 Concept Check Tool
 Accelerators - industry specific solutions [RRR i.e. Ready to Run R/3]
 Sample Implementation Project Plans
 SAP Ref Structure & Sub Structure fo ASAP – IMG link, which allows direct navigation from BPML to IMG related activities.
 IDES the model R/3 Company

Project Related Knowledge :
 ASAP Project Management
 ASAP Change Management
 Risk Analysis
 Review

R/3 System

An R/3 transaction is a sequence of dialog steps that are consistent in a business context and that belong together logically. When an R/3 transaction is executed, all individual dialog steps are performed and the data entered in the transaction is updated in the database. From the viewpoint of the database, this is a conversion from one consistent state to the next.

After a user accesses a transaction, the R/3 system starts a query from the application level to the database level. This query is performed in SQL [structured query language] the language compatible with most database systems. The scope of SQL enables the full functionality of the database system, including all vendor-specific enhancements to be used.

R/3	User	Front End
	Application Component	Middle Layer
	ABAP Dictionary	Middle Layer
	Relational Database	Backend

Project Preparation

The primary focus of Phase I is getting the project started, identifying team members & developing a high level plan. This process continues with customer interaction through a QADB, thereby enabling knowledge of the customers process and facilitating of the AS IS Document which is the DELIVERABLE of this phase. Customer sign off on the AS IS is a must.

The project preparation is instrumental in generating the AS IS document. This document captures all the proceses “AS IS”. This becomes the deliverable and input for the next stage. The project plan, resources etc are done through a project estimator. In the course of capturing the proceses, a sandbox client can be set up to demonstrate to the customer. As to how SAP will function [look & feel].

Business Blueprint

Understand the business goals of the company & to determine the business requirements needed to support these goals.

The Business Blueprint captures all the processes “TO BE”, which has taken the information from the “AS IS” document, & after GAP ANALYSIS, SANDBOX demo etc, USER SIGNOFF, generated a “TO BE” deliverable, which forms the basis for the implementation.

Realization

To implement al the business & process requirements based on the Business Blueprint. Customize step by step in two work packages, Baseline & Final Configuration.

The implementation takes off in a Development Box, which is an independent and insulated server. All configuration done on any earlier SANDBOXES, are reconfigured on the DEV Box. This configuration is transported to the Test Integration/Implementation Server, where the data is loaded & testing & integration point tests take place. Data transports are always from the Dev Box

to the Test Server, & not vice versa. If any modifications are done on the Test Server in the course of testing, they have to be redone on the Dev Server.

Final Preparation

Complete testing, end user training, system management and cutover activities. Critical Open issues are resolved. Upon the successful completion of this phase, business in the R/3 Production Server can be run. After all testing is done, compile documentation, user training and signoff.

Go Live & Support

Transition from a project oriented, pre-productive environment to a successful & live productive operation.

Go Live & Early Watch : The Go Live check is for just before you cut over to live operation. It tests whether the system is suitably configured for the requirements. In early watch sessions, SAP spots potential performance problems early & suggests suitable corrective measures.

Remote Consulting : In remote consulting sessions, SAP consultants log into your server at convenient times, trying to analyse & solve problems in your system from their desk.

Img – Implementation Guide

The IMG acts as a checklist of the customizing activities that an enterprise should complete for a SAP system implementation project. The IMG is hierarchally structured.

From a project IMG, you can work on customizing transactions, project documentation, cross project documentation and project management information.

Industry specific customizing is the name given to the installation of the default customizing parameters in the IMG that relate to a certain industry. You can transfer industry specific master data structures to the system by using a CATT which is also integrated in the R/3 system. CATT's are provided for industry specific businesscases defined by SAP. Industry business solutions are integrated in the Business Framework as Business Components. The implementations of the system can also be ready to run R/3 [RRR] system solution. The main feature of this system is the complete delivery of hardware and software allowing you to rapidly install the R/3 system.

ABAP Dictionary

The ABAP dictionary contains the field definitions that are defined in the standard SAP system. While online, the system uses the definition of the table fields in the ABAP dictionary to check the format of the users field entries. The check on R/3 application level guarantees data consistency before the data is transferred to the database.

Business Object Repository

Where SAP Business Objects are maintained. A SAP Bus Object is the representation of a central bus object in the real world like an employee, sales order etc. Methods [application programs] are used to modify the attributes [characteristics that specify a bus object] e.g change employee address, promote employee. A bus object in a BOR can have many methods from which one or several are implemented as BAPIs.

Business Application Programming Interface

A BAPI is basically an entry gate to the R/3 system, which R/3 offers access to business data & processes. A BAPI is assigned to one & only one bus object. Business components interact in the Business Framework Architecture via open BAPIs.

Architecture :

SAP Bus Component	FI, HR etc
Bus Objects	Sales Orders
BAPIs	Create Sales Order
Client Components	Sales component on an external w/station

Sample FI Configuration Sequence
ENTERPRISE STRUCTURE

1. Create Company	Company TATABP created. <i>done</i>
2. Create Co Code	.Company Code TTBP created <i>done</i>
3. Assign Co Code to Co	TTBP assigned to TATABP <i>done</i>
4. Create Bus Area	TTBN, TTBS, TTBE, TTBW, TTBC created for North, South, East, West, Central India <i>done</i>
5. Maintain FYV	Fiscal Year Variant V3 [TC – OB29]
6. Assign Co Code to FYV	TTBP assigned to V3 [TC – OB37]
7. Create COA	CAIN [TC – OB13]
8. Assign Co Code to COA	TTBP assigned to CAIN [TC – OB62]
9. Define A/c Groups	Groups copied N/A as already existing in CAIN [TC – OBD4]
10. Define Retained Earnings	A/c 11610000 [TC – OB53]
11. Define PPV	Posting Period variant TATA [TC - OBBO]
12. Assign Variants to Co Code	TATA assigned to TTBP [TC – OBBP]
13. Open & Close Posting Periods	Posting periods opened 2000-10 [TC – OB52]
14. Define Doc Types & No Ranges	No ranges copied from 0001 as none present in IN01 [TC – OBA7]
15. Define Tolerance groups for GL	Tolerance Gr TATA defined [TC – OBA0]
16. Define Tolerance Groups for employees	Tolerance Gr "" defined [TC – OBA4]
17. Define FSV	Field Status Variant TATA defined
18. Assign Co Code to FSV	TTBP assigned to TATA [TC – OBC5]
19. Global Parameters	Checked Global Parameters [TC – OBY6] Propose fiscal year, -ve postings allowed, default value date ON.
20. Maintain Controlling Area	TTBP CO area & STD HIER [TC – OKKP] Fiscal Year from 2003 CCA active, AA IS ON, PA, ABC NOT active PROFIT CENTER ON
21. Maintain Versions	COPY 0, Select settings for each Fiscal Year, Enter CO area & select fiscal year
22. Maintain NO Ranges	GROUP INSERT, create no range, select element COIN, Target TTBP & assign [TC – KANK]

COST CENTERS

23. Create default cost center	DEFTATABP [TC – KS01]
24. Create Cost Element	UOM KL [TC – KA01] PRIMARY COST OF RM TRF 51000000 COST OF PROD FACT 49000000 COST OF FIN GOODS TRF 52100000 COST OF FIN GOODS SOLD 50200000 SEMI FIN GOODS TRF 51100000 MFG SAL & WAGES 55010000 SALES – DOMESTIC BASE SALES REALISATION 40010000 UOM KL [TC – KA06] SECONDARY [Celem category 43 internal activity allocation] SETUPCOSTS for setup prior to production LABOUR DIR for labour costs MACHINECST for machine costs
25. Create Cost Center Groups & Cost Centers	[TC – OKEON] TTBP - STD HIER DEFTATABP - Default Cost Center

	<i>TPLS Silvassa Plant Gujarat</i> <i>TPLSL1 - Lane 1</i> <i>TPLSL1BOS Base Oil Storage</i> <i>TPLSL1PUR Purification</i> <i>TPLSL1BLN Blending</i> <i>TPLSL1FIL Filter Press</i> <i>TPLSL1CAT Cattle Tank Storage</i> <i>TPLSL1AFM Auto Fill Machine</i> <i>TPLSL1QC Quality Checks</i> <i>TPLSL2 - Lane 2</i> <i>TPLSL2BOS Base Oil Storage</i> <i>TPLSL2PUR Purification</i> <i>TPLSL2BLN Blending</i> <i>TPLSL2FIL Filter Press</i> <i>TPLSL2CAT Cattle Tank Storage</i> <i>TPLSL2AFM Auto Fill Machine</i> <i>TPLSL2QC Quality Checks</i> <i>TPLT Patalganga Plant Gujarat</i> <i>TPLU Paharpua Plant West Bengal</i> <i>TPLV Tondiarpet Plant Tamil Nadu</i> <i>TPLW Ballabgarh Plant New Delhi</i> <i>TPLX Hoskote Plant Karnataka</i>
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CREDIT CONTROL AREA

26. Create Addl Bus Areas	<i>TTB1, TTB2, TTB3 created</i>
27. Create Credit Control Area	<i>TTCC created</i>
28. Assign Credit Control Area to Company Code.	<i>Assigned</i>

FI-MM INTEGRATION

29. Purchase Quotation 30. Purchase Requisition 31. Purchase Order 32. Automatic Posting Procedures [OBYC – can be accessed thru Config Auto Postings in MM/A/C DETER W/O WIZARD] [with WIZARD, valuation account creates a problem ??]	ME51 – no integration No integration ME21 – no integration BSX – inventory posting configured <i>[Rules based on valuation modifier, valuation class]</i> <i>[Account Assignment – Valuation modifier, Valuation Class, Gl a/c]</i> 7920 GL 24300000 – Fin Prod: Prod & Purch for sale <i>[Posting Key 89/99]</i> BSD – inventory posting 7920 GL Dr 58012000 Other losses matl 7920 GL Cr 45500000 Other Gains matl WRX – GR/IR clearing A/c <i>Posting Key 86/96</i> <i>GL 13110100 Ext Proc Dom</i> GBB – offsetting entry inv posting FOR 7920 – General Modification AUF,AUA, VAX, VBR, PK 81/91, GL 50200000 Cost of Fin Goods Sold
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FI-SD INTEGRATION

1. Automatic Posting Procedures [OBYC – can be accessed thru Config Auto Postings in MM/A/C DETER W/O WIZARD]	GBB –offsetting entry inv posting FOR 7920 – General Modification AUF,AUA, VAX, VBR, PK 81/91, GL 50200000 Cost of Fin Goods Sold
2. Assign GL A/c's	TC VKOA

	Table 001 Cust Grp/Mat Grp/ Act Key Copied from CACN TTSO Table 002 Cust Grp/ Act Key <i>Copied from CACN TTSO</i> Table 003 Mat Grp/ Act Key <i>Copied from CACN TTSO</i> Table 004 General <i>Copied from CACN TTSO</i> Table 005 Account Key <i>Copied from CAIN 0001</i> Cond Type KOFI , Sales Org TTSO, AAGR for Cust & Mat, Act Key ERL , GL A/C 51010100 Sales Product 1 Act Key MWS [taxes] GL A/c 24638000
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TAXES

3. Check Calc Proc	<i>Already defined</i>																																																																
4. Assign Country to Calc Proc	<i>Assigned</i>																																																																
5. Maintain Tax Proc	[TC – FTXP]																																																																
6. Define Tax Jurisdictions	<i>IN01 – IN32 defined</i>																																																																
7. Define Tax Codes	<i>A1 output tax jur code IN10 – Karnataka LST 12% defined</i> CST FIELD NOT ACCESSIBLE as in condition type JIP1,2 JIN1,2 level 1 was preset instead of level 2. [Acc seq TAXJ is ok?]																																																																
8. Tax Rates	<table> <tr><td>IN01 Andhra Pradesh</td><td>LST 11.00 / CST 4.00</td></tr> <tr><td>IN02 Arunachal Pradesh</td><td>11.50/4.00</td></tr> <tr><td>IN03 Assam</td><td>11.25/4.00</td></tr> <tr><td>IN04 Bihar</td><td>12.00/4.00</td></tr> <tr><td>IN05 Goa</td><td>12.25/4.00</td></tr> <tr><td>IN06 Gujarat</td><td>12.00/4.00</td></tr> <tr><td>IN07 Haryana</td><td>13.00/4.00</td></tr> <tr><td>IN08 Himachal Pradesh</td><td>13.50/4.00</td></tr> <tr><td>IN09 Jammu & Kashmir</td><td>13.50/4.00</td></tr> <tr><td>IN10 Karnataka</td><td>12.00</td></tr> <tr><td>IN11 Kerala</td><td>11.50/4.00</td></tr> <tr><td>IN12 Madhya Pradesh</td><td>11.00/4.00</td></tr> <tr><td>IN13 Maharashtra</td><td>12.00</td></tr> <tr><td>IN14 Manipur</td><td>10.00/4.00</td></tr> <tr><td>IN15 Meghalaya</td><td>10.00/4.00</td></tr> <tr><td>IN16 Mizoram</td><td>10.00/4.00</td></tr> <tr><td>IN17 Nagaland</td><td>10.00/4.00</td></tr> <tr><td>IN18 Orissa</td><td>11.00/4.00</td></tr> <tr><td>IN19 Punjab</td><td>12.50/4.00</td></tr> <tr><td>IN20 Rajasthan</td><td>12.00/4.00</td></tr> <tr><td>IN21 Sikkim</td><td>10.00/4.00</td></tr> <tr><td>IN22 Tamil Nadu</td><td>12.00</td></tr> <tr><td>IN23 Tripura</td><td>10.00/4.00</td></tr> <tr><td>IN24 Uttar Pradesh</td><td>11.00/4.00</td></tr> <tr><td>IN25 West Bengal</td><td>12.00</td></tr> <tr><td>IN26 Andaman & Nicobar Islands</td><td>10.00/4.00</td></tr> <tr><td>IN27 Chandigarh</td><td>11.00/4.00</td></tr> <tr><td>IN28 Dadra & Nagar Haveli</td><td>10.00/4.00</td></tr> <tr><td>IN29 Daman & Diu</td><td>10.00</td></tr> <tr><td>IN30 Delhi</td><td>10.00</td></tr> <tr><td>IN31 Lakshwadeep</td><td>10.00/4.00</td></tr> <tr><td>IN32 Pondicherry</td><td>10.00/4.00</td></tr> </table>	IN01 Andhra Pradesh	LST 11.00 / CST 4.00	IN02 Arunachal Pradesh	11.50/4.00	IN03 Assam	11.25/4.00	IN04 Bihar	12.00/4.00	IN05 Goa	12.25/4.00	IN06 Gujarat	12.00/4.00	IN07 Haryana	13.00/4.00	IN08 Himachal Pradesh	13.50/4.00	IN09 Jammu & Kashmir	13.50/4.00	IN10 Karnataka	12.00	IN11 Kerala	11.50/4.00	IN12 Madhya Pradesh	11.00/4.00	IN13 Maharashtra	12.00	IN14 Manipur	10.00/4.00	IN15 Meghalaya	10.00/4.00	IN16 Mizoram	10.00/4.00	IN17 Nagaland	10.00/4.00	IN18 Orissa	11.00/4.00	IN19 Punjab	12.50/4.00	IN20 Rajasthan	12.00/4.00	IN21 Sikkim	10.00/4.00	IN22 Tamil Nadu	12.00	IN23 Tripura	10.00/4.00	IN24 Uttar Pradesh	11.00/4.00	IN25 West Bengal	12.00	IN26 Andaman & Nicobar Islands	10.00/4.00	IN27 Chandigarh	11.00/4.00	IN28 Dadra & Nagar Haveli	10.00/4.00	IN29 Daman & Diu	10.00	IN30 Delhi	10.00	IN31 Lakshwadeep	10.00/4.00	IN32 Pondicherry	10.00/4.00
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9. Define Tax Accounts	[TC – OB40] JIN1 Act Key MWS GL 13113400 JIN2 Act Key MW3 GL 13113410 JIP1 & 2 Act Key NVV
10. Tax in Customer	[TC – XD01] SD/Basic Functions/Taxes/ <i>Define Tax Relevancy of Master Records : In customer taxes, create NEW JIN1 0,& 1 for exempt & fully taxable, similar for JIN2.</i> <i>Define Tax Determination Rules : In country IN, change sequence 1,2 to JIN1,2. This will ensure JIN1,2 in VD01.</i>

ASSET ACCOUNTING

11. Org Stru / Check country specific settings	[TC – OA08] No Changes
12. Copy COD	EC 08 OIN copied to TTBP
13. Assign Input Tax indicator for Non – Taxable Transactions	OBCL A0, and V0 assigned.
14. Assign COD to Co Code	OA0B - assigned [if u skip 11, assignment will not take place]
15. Specify No Assignment across Co Codes	AO11 no change
16. Specify A/c Determination	No changes
17. Define No Ranges	AS08 01 to 06 defined
18. Define Asset Classes	OA0A no change
19. Assign GL A/c's AO90 Plant & Mach 20000	20200000 - acqui & prodn costs 21400000 - contra acqui 58190000 - loss on ret w/o revenue 21500000 - clearing a/c asset sale [xxx] 58190000 - loss on asset sale 45100000 - gain from asset sale 20210000 - ord acc dep 57000000 - exp dep mfg
<u>30000 Furnitures.....</u>	20600000 - acqui & prodn costs 21400000 - contra acqui 58190000 - loss on ret w/o revenue 21500000 - clearing a/c asset sale [xxx] 58190000 - loss on asset sale 45100000 - gain from asset sale 20610000 - ord acc dep 57200000 - exp dep admn
<u>31000 Vehicles.....</u>	20700000 - acqui & prodn costs 21400000 - contra acqui 58190000 - loss on ret w/o revenue 21500000 - clearing a/c asset sale [xxx] 58190000 - loss on asset sale 45100000 - gain from asset sale 20710000 - ord acc dep 57100000 - exp dep sales
<u>32000 Hardware.....</u>	20500000 - acqui & prodn costs 21400000 - contra acqui 58190000 - loss on ret w/o revenue 21500000 - clearing a/c asset sale [xxx] 58190000 - loss on asset sale 45100000 - gain from asset sale 20510000 - ord acc dep

	57200000 - exp dep admn A/C DETERMINATION NOT SAVED as on 07/08/04, started saving on 10/08/04
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ACTIVITIES [FOR PP]

20. Activate ABC in Co Area	TC – OKKP activated
21. Maintain Std Hier for Co Area	TC – OKW1 assigned
22. Create Activity Type	TC – KL01, SETUP, LABOUR & MACHINE [A/c/Co/CCA/MD/ActType/IndvProc/Create] Activity type MIN, CCtr Cat F prodn Atyp Cat 1 Manual Entry, manual alloc Price Indicator 1 Plan price auto based on activity Output unit MIN minutes
23. Create Price Planning	TC – KP26 [A/c/Co/CCA/PI/ActOutPrices/Change]

AR & AP

24. Define A/c Groups [Cust]	Preset
25. Create No Ranges [Cust]	XDN1 - created
26. Assign No Ranges to Cust A/c Groups	Assigned
27. Define A/c Groups [vendors]	Preset
28. Create No Ranges [vendors]	XKN1 - created
29. Assign No Ranges to Vend A/c Groups	Assigned
30. Check doc types	OBA7 - preset
31. Define Posting Keys	OB41 - preset
32. Default values	OBU1 - preset
33. Define a/c's for Cash Discount taken	GL 44310000
34. Define a/c's for lost cash disc	GL 44310000
35. Define a/c's for over / under payments	GL 58160000
36. A/c's for exch rate diffs	13110000, 24430000
37. A/c's for rounding diffs	58242000
38. A/c's for bank charges	Trans BSP GL 56000000
39. Posting Keys for Clearing	Outgoing Payment Customers 05/18 Vendors 25/38 GL 40/50 Incoming Payment Customers 08/15 Vendors 28/35 GL 40/50 Credit Memo Customers 02/11 Vendors 21/32 GL 40/50 Transfer Posting with Clearing Customers 07/17 Vendors 27/37 GL 40/50

40. HOUSE BANKS	
41. Define House Banks	House Bank SBI Branch Churchgate Swift 123456 Bank Number 11111 Bank Key SBI A/c Id SBI Bank A/c No 11111 Alt A/c No 55555 GL 24520000 Discounts 30000000
42. Setup Co Codes for Payment Transactions	TTBP Tolerance days 3, Vendors FP, Customers FPJ
43. Setup Paying Co Codes	TTBP, min amt for o/p 10.00 INR, 1 b/e per due dt
44. Payment Methods per country	IN INR preset.
45. Payment Methods per Co Code	TTBP C cheque 9,999,999.00 inr E cash 9,999,999.00 inr T bank tr 9,999,999.00 inr
46. Bank determination for payment transactions	Ranking order 1 for C cheque Bank A/c's SBI 25420000 Available amounts 9,999,999,999.00 Value Date 9,999,999.00 3 days
47. Number ranges for cheques	100001 - 100100 lot 101 TC – FCHI
48. DUNNING	
49. Define Dunning Area	TTBP [dunning notices not yet defined ???]
50. Define Dunning Keys	Preset.
51. Define Dunning Procedures	TC – FBMP create new proc & copy from 0001 After defining/copying the texts, the above error [48] disappears.
52. Define Interest Rates	[To be done after defining interest indicator.]
53. Dunning	TC – F150 after passing some entries in TELCO customer, dunning params were saved and run.
54. INTEREST	Configured on [23/08/2004]
55. Define Int Calc Types	T1, T2 for item and balance @ 10 % defined for TTBP.
56. Define No Ranges for Int forms	Preset
57. Def A/c Bal Int Calc	T1 & T2 defined
58. Def Ref Int Rates	T1 & T2 defined
59. Define Time Based Terms	Defined
60. Enter Interest Values	10% for T1 & T2
61. Interest Posting	Recd 44020000 Paid 56000000

Checking Sample FI Configuration Sequence

1. SCC4	Locked
2. OX02	View Company Code - TTBP
3. OBY6	View Co Code Global Data - TTBP
4. OB45	View Credit Control Areas - TTCC

5. OX06	Overview Co Areas - TTBP
6. OX10	View Plants - TPLA - TPLX
7. OVXB	View Divisions - LD Lubricant Division
8. OX09	View Storage Locations - TPLA – TSA1 st loc for TPLA
9. OX08	View Purch Orgn – TCPO, TCPS – TCPX
10. OVX5	View Sales Orgn – TTSO
11. OVXI	View Dist Chanel - CS, DS, ST
12. OVX1	View Sales Offices - 19 sales offices
13. OVX4	View Sales Groups – Cust Sales Gr, Dist Sales Gr
14. OVXD	View Shipping Points - 23 shipping points.
15. OB29	Fiscal Yr variants - V3 12 + 4
16. OB13	COA - CAIN
17. OX06	Controlling Area – Basic Data
18. OKKP	Controlling Area – General Controlling
19. OX01	Purchasing Org Assigned to Co Code – Only CPO assigned
20. OB62	Assign COA to Co Code CAIN - TTBP
21. OB37	Assign FYV to Co Code V3 - TTBP
22. OX19	Co area - Basic Data
23. OB45	View Credit Control Areas - TTCC
24. OB01	View Cr Risk Mgmt Categories
25. OB02	View Cr Mgmt Cr Representative Groups
26. OB45	Repeated ???
27. OB38	Assign Co Code to CCA TTBP - TTCC
28. 0KE5	EC-PCA Controlling area settings NOT CONFIGURED
29. OX10	View Plants
30. OX18	Allocation Plants – Co Code 23 plants
31. OX09	View Storage Locations
32. OVXD	View Shipping Points - 24 shipping points
33. EC07	Create Shipping points – created 24 shipping points
34. OX08	View Purch Orgn - 1+6 PO defined.
35. OX01	Purchasing Org Assigned to Co Code – Only CPO assigned
36. OX17	Plants - Purch Orgn 6 PO assigned
37. OME4	Purchasing Groups – 4 groups RM, Pack, Consu, Addl defined
38. OVX5	Sales Orgn TTSO defined
39. OVXA	Sales org – Divi TTSO - LD.
40. OVXI	Dist Channels CS, DS, ST
41. OVXG	Sales Area SO - DC – Div TTSO, CS,DS,ST, LD.
42. OVX1	View Sales Offices
43. OVXM	Sales Area – sales offices 19 assigned
44. OVX4	Sales Groups CSG, DSG
45. OVXJ	Sales Offices to sales Groups 19 assigned
46. OVX3	Sorg - Co Code TTBP - TTSO
47. OVX6	Sorg Dist Chan to Plant TTSO
48. OVXK	Dist Channel – Sorg TTSO - CS,DS,ST.
49. OVXC	Ship Pts – Plant 23 assigned.
50. OVXB	View Divisions LD lubricant div
51. OVFL	Sales area to Credit Control Area - TTSO,CS,LD,TTCC
52. OAOA	SETUP ASSET CLASSES - preset
53. OBC4	Field Status Groups
54. OBC5	Assign Co Code to FSV TTBP - TATA
55. OB53	Retained Earnings A/c 11610000
56. FSP1	Edit GL A/c COA data.
57. FSP2	Edit GL A/c COA data.

58. FSP3	Edit GL A/c COA data.
59. FS01	Edit GL a/c Centrally
60. FS02	Edit GL a/c Centrally
61. FS03	Edit GL a/c Centrally
62. FS04	Central GL A/c Changes
63. FS05	Edit GL a/c Centrally
64. FS06	Edit GL a/c Centrally
65. FBL3	GL A/c Line Item Display
66. FB03	Display Document
67. OBD4	GL A/c Groups
68. FSS1	Edit GL a/c Co Code Data
69. OMWM	Valuation Control
70. OMWD	A/c Deter for Valuation Areas - Valuation Grouping Code NOT DEFINED NOT ASSIGNED
71. OMSK	A/c Cat Ref Val Classes
72. OMSY	MM view on Co Codes open for per 6/2004
73. OMS2	Material Types - preset
74. MMNR	Material Master No Ranges [very small intervals]
75. OMS1	Units of Measure Groups - NO ENTRIES
76. OMSF	Material Groups. G01 – G05
77. OVZC	Customer No Ranges – Defined. V-03 - V-09 Customer Master - No Entries
78. OVT0	Customer A/c Groups - preset
79. OVS9	Customer Groups - Industry & Retail
80. OBB8	Terms of Payment 0001, 0002
81. OBA4	“ “ defined for TTBP XD01,2,3,4 [RFDABL00 ??]
82. OMSG	Vendor A/c Groups - preset
83. OMSJ	Vendor No Ranges - defined
84. OBA3	Tolerance Group TATA defined. XK01,2,3,4,5,6, FK02,3,4,5,6 Vendor SAIL1 ?????
85. OKEO	Std Hierarchy - CC group - defined & assigned.
86. KS01	Create Cost Center - created.
87. KA01	Create Cost Element - created
88. KA02	Change Cost Element
89. KA03	Display Cost Element
90. KA04	Delete Cost Element
91. KA05	Display Change Documents
92. KA06	Create Secondary Cost Element
93. KL01	Create Activity Type
94. KL02	Change Activity Type
95. KL03	Display Activity Type
96. KL04	Delete Activity Type
97. KL05	Display Change Documents – Activity Type
98. KP26	Change Activity Type / Price Planning.
99. KP27	Display Activity Type / Price Planning
100. KSBT	Activity Type Price Reports
101. KO01	Create I/o [not in use]
102. KO02	Change I/o [not in use]
103. KO03	Display I/o [not in use]
104. KO04	Order Manager
105. KOK3	Collective Display for I/o
106. KO12	Change Overall Planning
107. KO13	Display Overall Planning

108.	KO22	<i>Change Original Budget</i>
109.	FD24	<i>Credit Mgmt Changes [Cr Co Area]</i>
110.	FD32	<i>Cust Credit Mgmt Changes [Cr Co Area]</i>
111.	FD33	<i>Display Cust Credit Mgmt Changes [Cr Co Area]</i>

Advanced Planner & Optimiser [Supply Chain Planning & Optimization]

Provides a complete suite of supply chain planner applications, based on SAP's live cache technology which allows forecasting, planning & optimizing to be executed in realtime. SAP APO is a separate SAP solution with its own release cycle. Each of SAP APO components like Demand Planning can be implemented as a standalone product or as an integrated part of the business framework.

Global ATP [available to promise] :- matches supply to demand on a truly world wide scale, and gives customers reliable delivery commitments by means of both realtime checks & sophisticated simulation methods.

Production Planning & Detailed Schedules : - optimizes the use of resources & creates accurate plant by plant production schedules in order to shorten prodn life cycles and respond rapidly to changes in market demand.

Supply Network Planning :- matches purchasing, production & transportation processes to demand, and balances & optimizes your entire supply network.

Demand Planning :-

Identifies & analyzes patterns & fluctuations in demand, and creates accurate dynamic demand forecasts.

Supply Chain Cockpit :-

Models, monitors & manages your supply chain with a specially designed GUI. The supply chain cockpit provides users with a birds eye view of all activities & applications.

SAP LES [logistics execution system] :-

Is part of SAP's unique Supply Chain Management initiative, and lets you create links between the production, procurement, storage, distribution, transportation, sales and service processes. It helps keep customers happy, staff productive and decision makers informed. It means real time data for decision making, simulation and planning.

SAP B2B Procurement Solution : -

Enables open, full cycle, inter enterprise procurement, and covers all processes from creation of a requisition, with or without catalogs, to the payment of the invoice. All end users are able to purchase goods and services straight from their desktops, leaving purchase departments free to focus on strategic purchasing operations. Using this compelling b2b procurement solution, companies can streamline their requisition & indirect procurement processes, and cut the overall cost of procurement, while providing the purchasing department, with visibility and control across the entire procurement chain. SAP b2b procurement includes the creation & maintenance of requisitions, purchase orders & reservations with or without catalogs, approval & rejection, desktop receiving and service entry support, status & tracking, invoicing & performance reporting functions.

SAP BIW [bus info warehouse]

Enables analysis of data from operationsl R/3 applications or any other bus applications, including external data sources such as databases, online services and the internet. SAP BIW supports OLAP and is particularly suited for processing large volumes of operational & historical data.

MYSAP.COM

MYSAP.COM is a comprehensive, open, e-business solutions environment, comprising of portals, industry specific enterprise applications, internet applications and services, as well as XML based technology – all of which combine to enable companies to participate in the Internet economy. The bus objective of mySap.com are to empower people to create value, and enable one-step bus transactions. MYSAP.com places the internet at the center of SAP's activities. It leverages all of SAP's key assets, including its extensive product portfolio, customer base, partner community and expertise in integrating business processes.

In the old economy, integration meant business process integration. In the new economy, it requires integration of processes between enterprises. ERP made SAP R/3 a worldwide standard system. Since 1996 SAP R/3 has been e-commerce capable. SAP products incorporated business technology for the future allowing customers to be ready for the future without system change for the new economy, where the requirement is for collaboration more than working together. Processes, where many users participate and can be executed simultaneously as a one step business.

Sap focus earlier was company created, now it is market centered [via the internet] where mySAP.com places the internet at the center of SAP's activities. It leverages all of SAP's key assets including its extensive product portfolio, customer base, partner community and expertise in integrating business processes. MYSAP.com is the collaborative environment providing personalized business solutions on demand.

WorkPlace:- consists of links inside & outside a company's boundaries. Links can be made to

- | | |
|----------------------|---|
| Non mySAP components | - Ext systems using open internet standards. |
| MySAPcomponent | - classical & new web based R/3 transactions [R/3 standard system, new dimensions, industry solutions], reports [BIW reports with BW 2.0a], Knowledge WH contents |

MYSAP.com internet services - mySAP.com marketplace

Any internet or intranet web sites.

Key Benefits of a Workplace

Access to all necessary internet & external services through one screen.

Seamless integration in mySAP.com environment.

Protal is tailored to users role in the company.

Single sign on access to all services.

User friendly web browser interface.

Access via the Internet anytime, anywhere.

Workplace is an application on a users desktop that co-operates with a web browser & provides a personalized, role specific view on the entire business world. This business world includes market places, applications, services and content provided by a company over the Intranet or other companies via the internet.

Marketplace portal is a place on the web where communities can exchange goods and services electronically. The mySAP.com marketplace is a public business portal hosted by SAP. Anyone who sells or buys can participate in the mySAP.com marketplace. It is not for just SAP applications or SAP customers. The mission of the mySAP.com marketplace, is to engineer business collaboration across enterprises via the internet. The main components of mySAP.com marketplace include :

MyHome : - personalized homepage for the registered user with favourites from the mySAP.com web site.

Communities : - content rich data organized along the vertical & horizontal industries supported by SAP.

One Step Business : - portion of the site where users can browse merchant web sites and procure products and services.

Services : - internet services are available for the user to which he can subscribe.

Key Benefits of the marketplace : -

Personalized home page available for registered users.

Streamlined business process flow with one step business.

Access to a broad scope of suppliers.

Reduce costs of interaction with external partners

Content rich communities available for better decision making & to interact with other business professionals.

Direct access to value add internet services.