



# Integrate to Excel: SAP FI & MM



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## Step 1: Create a Valuation Class

### Menu Navigation:

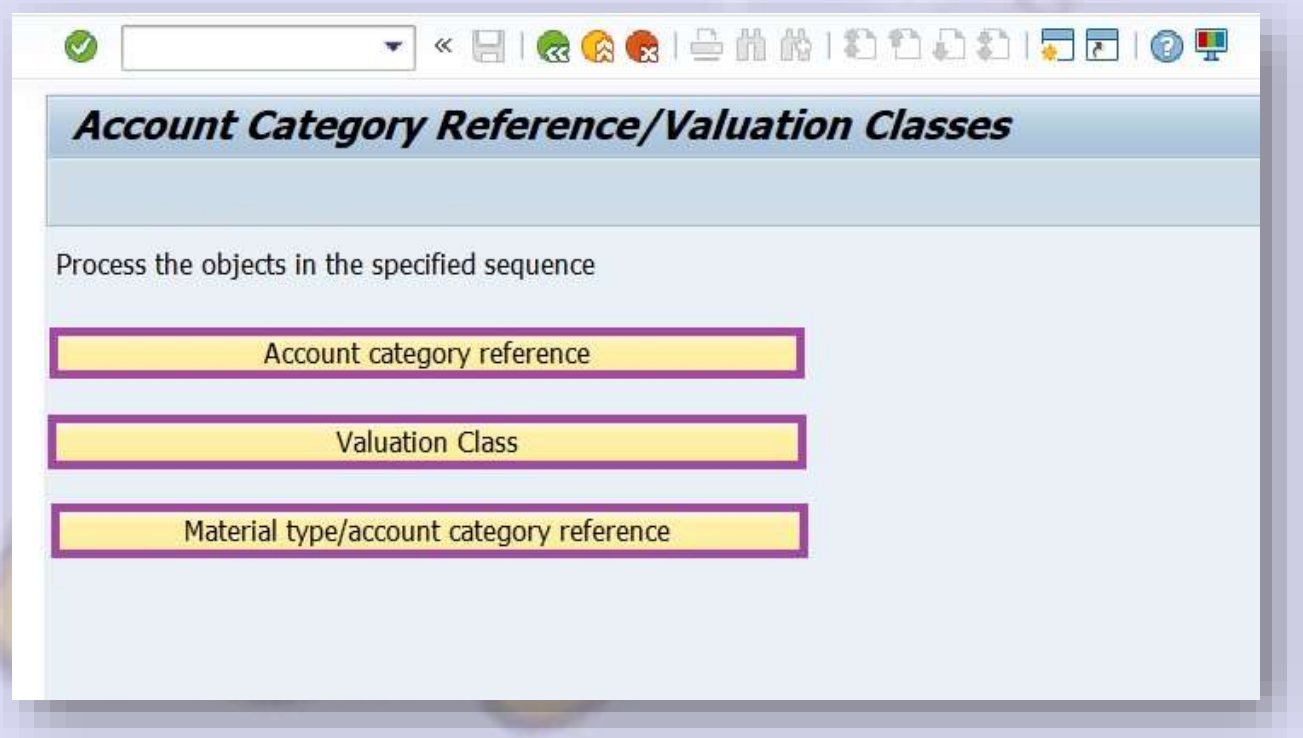
Navigate through the following menu options or use the T-Code:

### Menu Path:

SPRO > Material Management > Valuation and Account Assignment > Account Determination > Account Determination Without Wizard > Define Valuation Classes.

### T-Code:

OMSK



### Account Category Reference:

The Account Category Reference in SAP is a grouping of G/L accounts based on their account types. It facilitates the standardization of automatic postings generated during the valuation process in MM. This grouping is subsequently utilized to associate the relevant G/L accounts with specific transaction types within the SAP system.

Creating Account Category Reference (4-character limit):

**New Entries: Overview of Added Entries**

Account Category Reference

ARef	Description
TS01	Test Account reference

Creating Valuation Classes and Account Category Reference Assignment (4 chars limit)

**New Entries: Overview of Added Entries**

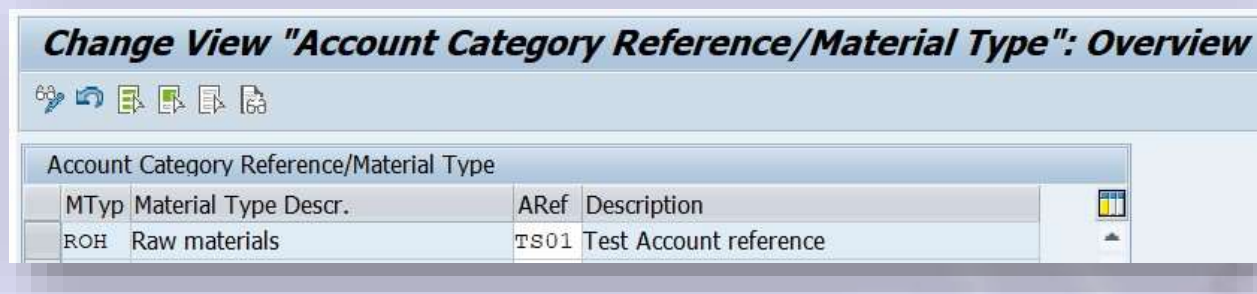
Valuation Classes

ValCl	ARef	Description	Description
MM01	TS01	Test Valuation Class	

Assign Account Category Reference to Material Types or Asset Classes:

This mapping makes sure that when transactions happen for a particular material type or asset class, they hit the right G/L accounts.

**Change View "Account Category Reference/Material Type": Overview**



MTyp	Material Type Descr.	ARef	Description
ROH	Raw materials	TS01	Test Account reference

Step 2: Implement Automatic Account Determination:

Preliminary Steps

**Identify Transaction Types:** Identify the types of MM transactions that will need automatic postings in FI. This could include transactions like goods receipts, goods issues, invoice verifications, etc.

**Identify G/L Accounts:** Identify or create the necessary G/L accounts that will be impacted by these transactions. You'll need the Chart of Accounts and Company Code.

**Menu navigation OR T-Code:**

SPRO >> Materials Management > Valuation and Account Assignment > Account Determination > Automatic Account Determination

OR

OBYC

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

Group:  Materials Management postings (MM)

Description	Transaction	Account Determ.
Purchasing Rebate	OP1	<input checked="" type="checkbox"/>
Pur Rebate GoodsRel	OP2	<input checked="" type="checkbox"/>
Pur Rebate Accruals	OPA	<input checked="" type="checkbox"/>
Rev.from agency bus.	AG1	<input checked="" type="checkbox"/>
Sales fr.agency bus.	AG2	<input checked="" type="checkbox"/>
Exp.from agency bus.	AG3	<input checked="" type="checkbox"/>
Expense/revenue from consign.mat.consum.	AKO	<input checked="" type="checkbox"/>
Expense/revenue from stock transfer	AUM	<input checked="" type="checkbox"/>
VF: Bonus Accrual	BAC	<input checked="" type="checkbox"/>
Subsequent settlement of provisions	BO1	<input checked="" type="checkbox"/>
Subsequent settlement of revenues	BO2	<input checked="" type="checkbox"/>
Provision differences	BO3	<input checked="" type="checkbox"/>
Inventory posting	BSD	<input checked="" type="checkbox"/>
Inventory Value Adjustment	BSK	<input checked="" type="checkbox"/>
Change in stock account	BSV	<input checked="" type="checkbox"/>
Inventory posting	BSX	<input checked="" type="checkbox"/>
Revaluation of other consumables	COC	<input checked="" type="checkbox"/>
Del credere	DEL	<input checked="" type="checkbox"/>
Materials management small differences	DIF	<input checked="" type="checkbox"/>
Purchase account	EIM	<input checked="" type="checkbox"/>
Purchase offsetting account	EKG	<input checked="" type="checkbox"/>
Acquisition Tax Cred	ESA	<input checked="" type="checkbox"/>
Acquisition Tax Deb.	ESE	<input checked="" type="checkbox"/>
Freight clearing	FR1	<input checked="" type="checkbox"/>

What is OBYC:

OBYC refers to the customization transaction used to configure automatic postings for inventory management and invoice verification in the SAP Material Master. Automatic postings are journal entries made by the system automatically when a particular event occurs, such as the receipt of goods or invoice receipt.

MM Common Transaction Keys in OBYC:

BSX: Inventory Posting, generally used for inventory changes.

We assign G/L to the created valuation class.

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

Posting Key Procedures Rules

Chart of Accounts 1000  
 Transaction BSX Inventory posting

Account assignment

Valuation cl...	Account
MM01	10000001

WRX: GR/IR clearing account, used for goods receipts.

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

Posting Key Procedures Rules

Chart of Accounts 1000  
 Transaction WRX GR/IR clearing account

Account assignment

Account
20000000

GBB: Used for Goods Issues and other offsetting entries, and there are several account modifications under GBB which are:

### **GBB-BSA**

This is commonly used for initial entry of stock balances. When you're initially populating SAP with existing inventory balances, you'll often use this account modifier. In this case, the GBB-BSA account would usually be offset against an equity or a designated 'Opening Balance' account.

### **GBB-AUF**

This is used for order-related offsetting entries when you consume materials for manufacturing orders (as part of Work in Progress, or WIP, accounting). It specifies which G/L accounts are to be posted for the offsetting entry when goods are issued for an order.

### **GBB-INV**

This is used for invoice verification and invoice reductions. When you are entering an invoice in SAP and you have discrepancies that result in an invoice reduction, the GBB-INV account is posted to account for these differences.

### **GBB-VBR**

This account modifier is used for consumption for a sales order. When materials are consumed due to the sale of a finished product, the offsetting entry (usually crediting an expense or cost of goods sold account) is controlled by the GBB-VBR settings.

### **GBB-VNG**

This is used for consignment and pipeline settlements. When you pull materials from consignment inventory or settle pipeline liabilities, the offsetting accounting entry is usually determined by the GBBVNG account.

### **GBB-ZOB**

This is used for goods issues for a scrapping scenario. When inventory items are scrapped and thus removed from usable inventory, the offsetting entry is posted to the account configured under GBB-ZOB, often an expense account to capture the loss.

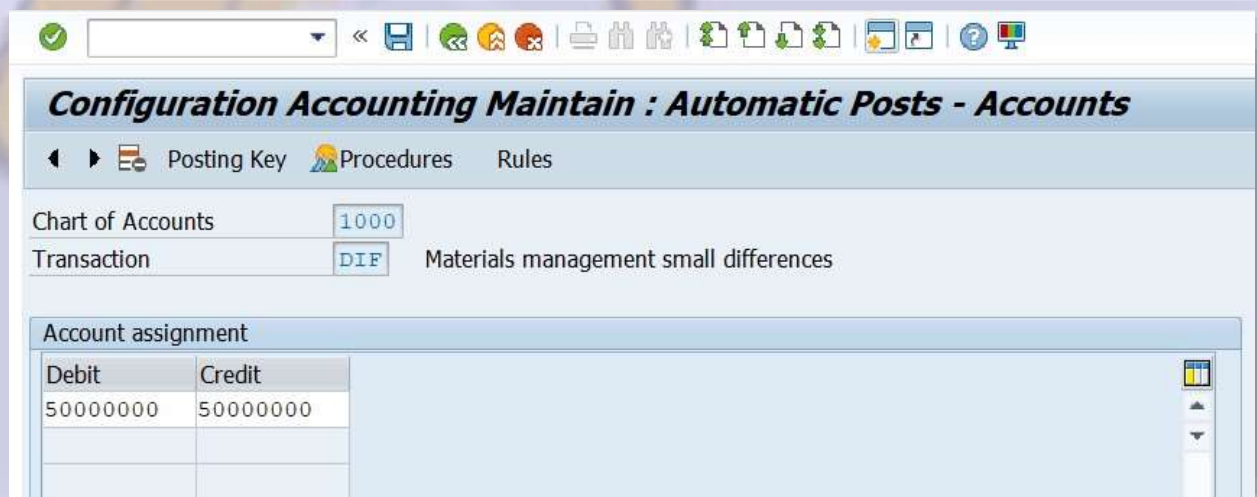
## GBB-V3P

used for handling RMA (Return Material Authorization) stock postings. When goods are returned from the customer, but can't be placed back into regular stock due to quality issues or other reasons, they are usually posted to an RMA or "returns" stock.

PRD: Price differences, used when there are differences between the planned and actual prices.



DIF: Used for differences in physical count during a physical inventory.





After steps 1 and 2 are set up and configured in SAP, you can create new materials and associate them with a specific valuation class. This means that the system will automatically post to the pre-defined General Ledger (G/L) accounts based on the type of transaction being carried out. For example, during goods receipt or invoice receipt, the appropriate G/L accounts will be automatically debited or credited, streamlining the accounting process.



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