



2016

SAP SD - Quick Reference.



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2016

1. Customer Master Data: -

Customer master is basically divided into 3 tabs.

General Data: - General Master Details, Jurisdiction Codes, Region, Transportation Zone and Export Data.

Company Code Data: - Payment Terms, Acct Mgt, Reconciliation Acct & Insurance etc.

Sales Area Data - Sales product attributes, Sales Office, Sales Group, Customer Pricing Procedure, Customer Statistical Group.
Shipping Data, Billing Data, Partner Functions.

You can create a customer based on 3 views: -

1. **Sales purpose:** VD01 / VD02 / VD03
2. **Centrally:** XD01 / XD02 / XD03

2. Material Master Data: -

Chapter 1 Material master have different views like

Basic Data 1: - Base Unit of Measure, Division, Gross weight/Net weight, Material Group & General Item Category Group.

Sales Orgn 1: - Base Unit of Measure, Sales Unit, Delivering Plant, Cash Discount, Tax Classification, Min. order Quantity, Min. delivery Quantity & rounding Profile.

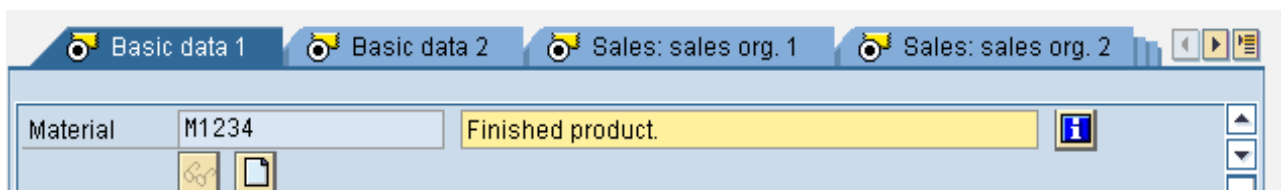
Sales Orgn 2: - Account Assignment Group, Material Statistics Group & Item Category Group.

Sales gen. Plant: - Availability Check, Batch Management, Loading Group & Transportation Group.

Sales Text: We can maintain the required text related to that product

MRP 1: - MRP Type is one of the key field to determine the schedule line category.

Accounting 1: - Valuation Class, Price Control, Price Unit, Moving Price / Standard Price.



3. Determinations: -

1. Item Category Determination: - VOV4

Sales Document Type + Item Category Group + Usage + Higher Level Item Category

SaTy	ItCGr	Usg.	HLevItCa	DfltC	MItCa	MItCa	MItCa
OR	NORM			TAN	I2	JMT3	TANN
OR	NORM		TAC	TAE			
OR	NORM		TAE	TAE			
OR	NORM		TAG	TAN			
OR	NORM		TAM	TAN			
OR	NORM		TAN	TANN			

2. Schedule Line Category Determination: - VOV5

Item Category (From SO) + MRP Type (Material Master)

ItCa	Typ	MSLCa	MSLCa	MSLCa
TAN	ND	CP	CV	
TAN	P1	CN	CV	
TAN	P2	CN	CV	
TAN	PD	CN	CV	

3. Pricing Procedure Determination: - OVKK

Sales Organization + Distribution Channel + Division + Document Pricing Procedure + Customer Pricing Procedure.

SOrg.	DChl	Dv	DoPr	CuPP	Pricing procedure	CTyp	Condition type
1000	10	01	A	1	Standard	PR00	Price
1000	10	01	A	2	Standard - Gross price	PR01	Price incl.Sales Tax
1000	10	01	A	J	Standard AFS	J3AP	Price & SZ

4. Plant Determination: -

The Plant in the sales order will be determined as per the following sequence

- Customer Material Info Records of Sold-to-Party
- From Customer Master data of Ship-to-Party (Shipping Tab → Delivering Plant)
- From Material Master Data (Sales Organization1 Data → Delivering Plant)

5. Shipping Point Determination: - OVL2

Shipping Condition + Loading Group + Delivering Plant.

Note: Shipping conditions are from Sales Doc Type, If not than its from Sold-to-party.

Shipping Point Determination							
SC	LGrp	Plnt	PrShP	MShPt	MShPt	MShPt	
01	0001	0001	0001	1000			
01	0001	1000	0001	1000			

6. Route Determination: - 0VRF (Zero VRF)

Route Determination

Route determination occurs in the SAP system based on the following items:

- The country and departure zone (taken from the shipping point)
- The shipping conditions in the sales order
- The transportation group of the material master record
- The country and receiving zone of the ship-to party
- The weight group (optional)

Dialog Structure

- ▼ Ctry of dep./dep. zone and ctry of dest
 - Route Determination Without Weight
 - **Route Determination with Weight G**

Dep.country/Zone AT / 0000000001 Austria / Region East

Dest.country/Zone AT / 0000000002 Austria / Region West

Route Determination with Weight Group (Delivery)						
SC	Description	TGroup	Description	WgtGr	Description	Actual route
01	Standard	0001	Cartons/pallets	0010	Up to 10 kg	000012
				0100	Up to 100 kg	000012

7. Storage Location Determination: - OVL3

Shipping Point + Delivering Plant + Storage Conditions.

Picking Location Determination				
ShPt	Plnt	SC	SLoc	
0001	2244	01	0001	
0001	2648		0001	

8. Revenue Account Determination: - VKOA

Application + Condition Type + Chart of Accounts + Sales Organization + Account Assignment Group of Customer + Acct Assign Group of Material + Account Key.

Cust.Grp/MaterialGrp/AcctKey									
App	CndTy.	ChAc	SOrg.	AAG	AAG	ActKy	G/L Account	Provision acc.	
V	KOFI	CABE	0001	01	01	ERL	700000		
V	KOFI	CABE	0001	01	01	ERS	708000		

9. Automatic Credit Control: - OVA8

Credit Control Area + Risk Category + Credit Group

CCAr	Risk cat.	CG	Credit control
0001	001	01	High Risk Sales Orders

10. Tax Determination: -

Country & Region of the Delivering Plant + Country & Region of the Ship-to-Party + Tax Classification of Cust Master (Ship-to-Party) + Tax Classification of Mtl Master

(Also check the T codes: OVK1, OVK3, OVK4 & OX10)

11. Business Area Determination: - (There are 3 Rules)

Plant and Item Division

Sales Area

Combination of Sales Organization / Distribution Channel / Item Division

12. To combine the different Sales Orders in to single Delivery, the common data For all those Sales Orders: -

1. Ship to Party, 2. Shipping Point, 3. Delivery Date, 4. Route, Inco-terms.

13. In order to combine the orders for Billing, the common data for all those Orders:-

1. Bill Date, 2. Payer, 3. Destination Country

14. Prerequisite for Rebate:

Sales Organization – Rebate Process Active

Payer – Should relevant for Rebate

Billing Type - Should relevant for Rebate

15. Effects of Billing:

Customer Receivable Account - Debit

Revenue Account - Credit

Customer Credit Limits are revised

Status is updated in all sales relevant documents

SIS Updated

16. Business Data from Customer – Partner Functions:

Business Data From Sold to Party

Pricing

Inco-Terms

Shipping Conditions

Business Data From Ship to Party

Goods Receiving Hours

Ship to Address

Tax

Business Data From Bill to Party

Billing Address

Business Data From Payer

Terms of Payment

Credit Limit Check

4. Sales Documents - Important Fields: -

Sales Doc Types - VOV8	Item Category - VOV7	Sche Line Category - VOV6	Delivery Documents - OVLK	Delivery Item Category - OVLP	Billing Docs - VOFA
Sales Doc Type Doc Category Sales Doc Block No. Range Inte Assi'ent No. Range Ext. Assignment Item No. Incment Sub Item Incment Reference Mandatory Item Division Check Division Read Info Record Check PO No. Check Cr Limit Screen Seq Group Doc. Pricing Procedure Delivery Type Delivery Block Shipping Con. Delivery Related Billing Type Order Related Billing Type Billing Block Proposed PO Dt Proposal For Pricing Date Lead Time Days Immediate Delivery	Completion Rule Billing Relevance Billing Block Pricing Business Item Schedule Lines Allowed Item Relevant For Delivery Returns Credit Active Weight / Volume Relevant Rounding Permd Order Qty = 1 Automatic Batch Determination Note: We have Sales Item Category & Dly Item Category. We do not have billing Item Category in SAP. In Sales I. Cate we control about Billing	Delivery Block Movement Type Item Relevant for Delivery Order Type Availability Requirement /Assembly Product Allocation	Doc Category -J No Range Internal \ External Assignment Item No. Increment. Order Required Storage Location Rule Delivery Split W. House No Screen Sequence Group Display Range Route Determination Output type Automatic Picking	Availability Check Off Doc Category Material No. '0' is Allowed Check Qty '0' Check Min Quantity Check Over Delivery Rounding Relevant For Picking Storage location Req. Determine Sto. Location Autotic Batch Determination.	Sales Doc Category - M No. Range Int. Assignment Item No. Increment Transaction Group - 7 Posting Block Negative Posting Relevant for Rebate Cancellation Of Billing Type Acct Dete'tion Procedure Output Type

5. Important Sales Document Types: -

Functionality Of Con Type	Sales Doc Types	Item Categories	Schedule line Category	Billing Doc Types	Movement Types
Condition Type	IN: Inquiry QT: Quotation OR: Stn Order RE: Returns RO: Rush Order CS/BV: Cash Sale DS: Scheduling Agreement	Standard Item: AFN, AGN, TAN Free of Charge Item: AFNN, AGNN, TANN Non Stock Item AFX, AGX, TAX	Inquiry (A) –AT Quotation (B): BN, BP, BV, BT Order (C): CN, CP, CV, CS, CT, CX Returns (H): DN	Invoice: F1: OR Related F2: Dly Related BV: Cash Sale IV: Inter Compny IVA: Inter Com Billing Order Related Proforma Invoice F5: Sales Order F8: Delivery Memos; G2: Credit Memo L2: Debit Memo IG: Inter Compny Credit Memo Chapter 2 Cancellation: S1: Invoice VF11 S2: Cr. Memo SV: Cash Sales IVS: Inter Com Billing Cance Rebate: B1: Credit Memo B2: Correction B3: Partial Settlement B4: Manual Accruals	301: Plant-to-Plant Stock Transfer 302: Return of Stock Transfer 561 = Posting stock in Plant 601: Goods Issue Delivery 602: Returns. 631: C/ Ment Fill-up. 633: C/ Ment Issue. 634: C/ Ment Returns. 632: C/ Ment Pickup. 651: Returns (Restricted) 653: Returns (Un-Restcted) 661: Goods Returns to Vendor 901: Return of Stock to Suplier.
Access Sequence					
Condition Class					
Plus / Mines					
Calculation Type	Consignment:	BVN: Case Sales TAS: 3 rd Party TAK: Make 2 OR	BN, CN & D0: No MRP and No Availability Check		
Con. Category	CF/KB: Fill Up CI/KE: Issue CR/KR: Returns CP/KA: Pick Up	Consignment:	CP, BP, E1, C1 & F1: MRP and No Availability Check		
Rounding Role		KBN: Fill Up KEN: Issue KRN: Returns KAN: Pick Up	BV & CV: Consumption Based MRP		
Manual Entries	Dly Doc Types	REN: Returns G2N: Cret Memo L2N: Debit Memo DLN: Standard Item W/O Order	BT & CT: No Inventory Management / No Goods Issue		
Amount or %age	LF: Delivery With Reference	BOM	CS: Third Party		
Value	LO: Delivery With Out Reff	TAQ: Higher Level Item – ERLA TAE: Sub Item – ERLA TAP: Higher Level Item – LUMF TAN: Sub Item – LUMF			
Delete	LR: Returns Delivery				
Calculation Type	BV: Case Sales				
Item Condition	RLL: Return Delivery to Vendor				
Header Condition					
Group Condition					
Valid From / To					
Reference Condition Type					
Scale Basis					
Check Value					