


SAP SD Troubleshooting


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Issue No. 1

Create material BOM: Initial Screen

 Create variant of...

Material  nny Sunny 01

Plant Dresden

BOM Usage Sales and distribution


Alternative BOM

Effectivity

Change Number










Valid From

Revision Level

 Material type HAWA not supported for BOM usage 5

Symptom : Not able to create BOM as it throws the error above.

Issue No. 1

<i>Change View "Material Types Allowed</i>				
 New Entries      				
	BOM Usg	Mat type headr	Allowed	
	*	*	+	
	*	INTR	-	
	5	FERT	+	

Solution : The allowed material types in the BOM header and item by BOM usage are controlled using transactions

OICG – Material types allowed in BOM header

OICP – Material types allowed in BOM item.

Ensure that there are relevant entries for the materials you are creating or wild card it.

Issue No. 2

Create Standard Order: Overview

Icons: [Print] [Person] [Home] [Calendar] [X] [Orders] [Document]

Sold-To Party: 3000 Thomas Bush Inc. / 1 1 2800 South 25th Ave / MAYWOOD IL 60153
Ship-To Party: 3000 Thomas Bush Inc. / 1 1 2800 South 25th Ave / MAYWOOD IL 60153
PO Number: PO date:

S... Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. deliv.date: D 12.07.2017 Deliver.Plant: Total Weight: 0.000
☐ Complete dlv. Delivery block: Volume: 0.000
Billing block: Pricing date: 30.06.2017
Payment terms: NT30 Net 30 Incoterms: CIF Chicago
Order reason:
Sales area: 3000 / 10 / 00 USA Philadelphia, Final customer sales, Cross-division

All items

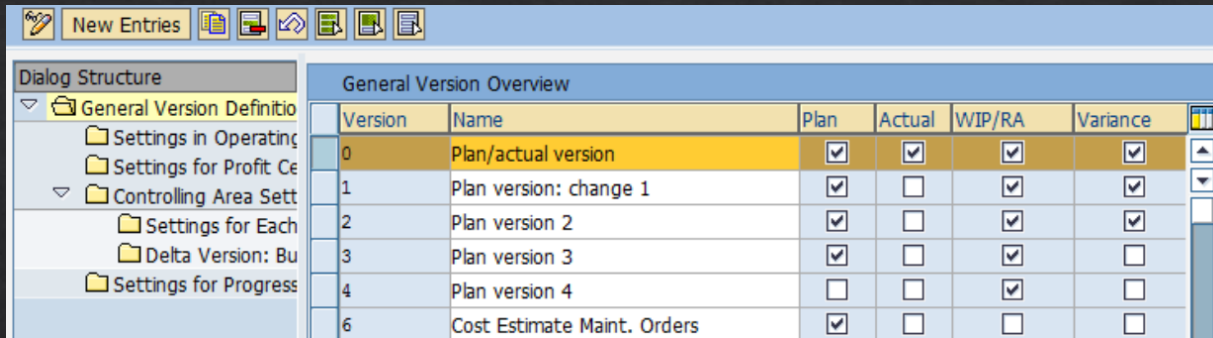
Item	Material	Order Quantity	Un	Description	S	Customer Mat
	10M-01	1	PC	Sunny Sunny 01	<input type="checkbox"/>	

Version 0 is not defined for fiscal year 2017.

Symptom : When creating orders in an IDES system, for certain company codes you might get the following error.

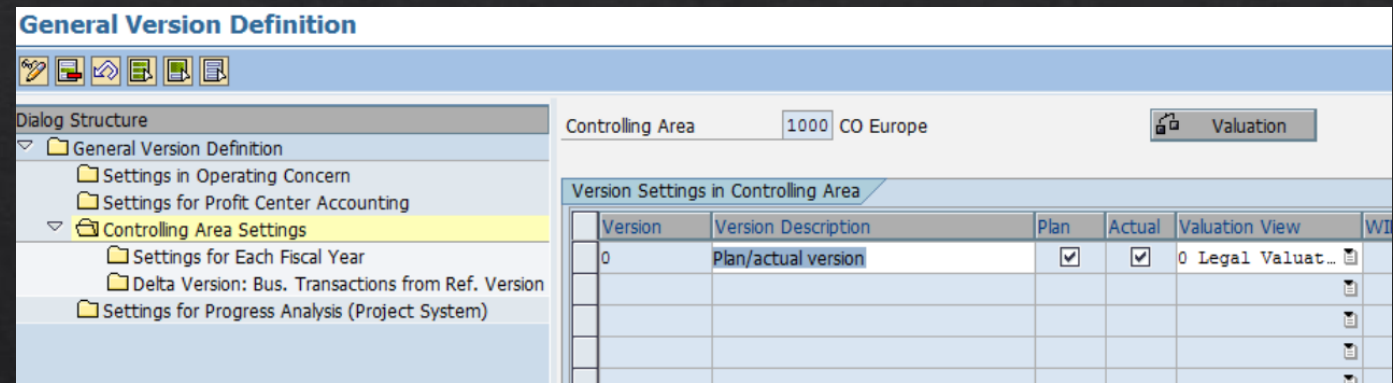
Version 0 not defined for fiscal year xxxx

Issue No. 2



The screenshot shows the 'General Version Overview' dialog in SAP. The 'Dialog Structure' on the left lists 'General Version Definition' and its sub-items. The main table displays version settings for various versions, including 'Plan/actual version' and 'Plan version: change 1' through 'Plan version 4' and 'Cost Estimate Maint. Orders'.

Version	Name	Plan	Actual	WIP/RA	Variance
0	Plan/actual version	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1	Plan version: change 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Plan version 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Plan version 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Plan version 4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Cost Estimate Maint. Orders	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



The screenshot shows the 'General Version Definition' dialog. The 'Controlling Area' is set to '1000 CO Europe'. The 'Version Settings in Controlling Area' table shows the 'Plan/actual version' settings for version 0.

Version	Version Description	Plan	Actual	Valuation View	WT
0	Plan/actual version	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0 Legal Valuat...	

Solution : This is a controlling configuration issue.

Step 1 – Go to OKEQ and select the version you are having the error for

Step 2 - Click on “Controlling Area Settings” and give the controlling area. You can find the controlling area for your transaction through the Company code associated with your sales org. In the example below, it is 1000.

Issue No. 2

Dialog Structure

- General Version Definition
 - Settings in Operating Concern
 - Settings for Profit Center Accounting
 - Controlling Area Settings
 - Settings for Each Fiscal Year**
 - Delta Version: Bus. Transactions from Ref. Version
 - Settings for Progress Analysis (Project System)

Controlling Area: 1000 CO Europe

Version: 0 Plan/actual version

	Year	Version Locked	Integrated Planning	Copying Allowed
	2015	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Solution : Step 3 – Select that entry(Line starting with Version 0 above) and double click on Settings for each fiscal year. Ensure that an entry is there for the current fiscal year. For example, if the current fiscal year is 2016, ensure that a line exists. If not, copy an existing line (say 2015) and make an entry for 2016. Save it.

Issue No. 3

The screenshot shows the SAP 'Create Standard Order: Overview' interface. At the top, there's a title bar and a menu bar with icons. Below the menu bar, the title 'Create Standard Order: Overview' is displayed. The main area contains several input fields and tabs. The 'Sales' tab is selected, showing fields for 'Standard Order', 'Net value', 'Sold-to party' (with value '19191'), 'Ship-to party', 'PO Number', and 'PO date'. Below these, there are tabs for 'Item overview', 'Item detail', 'Ordering party', 'Procurement', and 'Shipping'. The 'Item overview' tab is active, showing fields for 'Req. deliv.date' (D 07.04.2016), 'Deliver.Plant', 'Complete dlv.' (checkbox), 'Delivery block', 'Billing block', 'Total Weight' (0,000), 'Volume' (0,000), and 'Pricing date' (28.03.2016). At the bottom, a red-bordered box highlights the error message: 'No pricing procedure could be determined'.

Standard Order		Net value	0,00
Sold-to party	19191		
Ship-to party			
PO Number		PO date	

Req. deliv.date	D	07.04.2016	Deliver.Plant	
<input type="checkbox"/> Complete dlv.			Total Weight	0,000
Delivery block			Volume	0,000
Billing block			Pricing date	28.03.2016

✖ No pricing procedure could be determined

Symptom : When creating an order in certain sales orgs , or for your own created sales org, the following message could appear

No Pricing procedure could be determined

Issue No. 3

The screenshot displays the 'Create Standard Order: Overview' window in SAP. The 'Sold-to party' field is populated with '19191'. The 'Net value' is '0,00'. The 'Req. deliv.date' is '07.04.2016'. The 'Pricing date' is '28.03.2016'. At the bottom, a red-bordered message box states: 'No pricing procedure could be determined'.

Create Standard Order: Overview	
Standard Order	
Sold-to party	19191
Ship-to party	
PO Number	
PO date	
Net value	0,00

Sales	
Req. deliv.date	D 07.04.2016
Complete dlv.	<input type="checkbox"/>
Delivery block	
Billing block	
Deliver.Plant	
Total Weight	0,000
Volume	0,000
Pricing date	28.03.2016

❌ No pricing procedure could be determined

Solution : Pricing Procedure is determined from 5 different parameters.

1. Customer Master (Customer Pricing Procedure)
2. Document Type (Document Pricing Procedure)
3. Sales Org
4. Distribution Channel
5. Division

Where can you find these fields ?

Issue No. 3


Solution : 1. Customer Pricing Procedure is found in the sales view of the customer master. [VD03]

Customer	19191	Test Customer	berlin
Sales Org.	1000	Germany Frankfurt	
Distr. Channel	10	Final customer sales	
Division	00	Cross-division	

Sales	Shipping	Billing Documents	Partner Functions
-------	----------	-------------------	-------------------

Sales order	
Sales district	
Sales Office	
Sales Group	
Customer group	
ABC class	
Currency	EUR
<input type="checkbox"/> Switch off rounding	
Product attributes	
Order probab.	100 %
AuthorizGroup	
Item proposal	
Acct at cust.	
UoM Group	
Exch. Rate Type	
PP cust. proc.	

Pricing/Statistics	
Price group	
Cust.pric.proc.	Z
Price List	
Cust.Stats.Grp	

 Pricing in CRM

Issue No. 3

Solution : 2. Document Pricing Procedure is found in the Document Type [V0V8]








Sales Document Type	OR	Standard Order	
SD document categ.	C		Sales document block
Indicator			
Number systems			
No.range int.assgt.	01	Item no.increment	10
No. range ext. assg.	02	Sub-item increment	1
General control			
Reference mandatory		Material entry type	
Check division		<input checked="" type="checkbox"/> Item division	
Probability	100	<input checked="" type="checkbox"/> Read info record	
Check credit limit	D	Check purch.order no	
Credit group	01	<input type="checkbox"/> Enter PO number	
Output application	V1	Commitment date	
Transaction flow			
Screen sequence grp.	AU	Sales Order	Display Range
Incompl.proced.	11	Sales Order	FCode for overv.scr.
Transaction group	0	Sales order	Quotation messages
Doc. pric. procedure	A		Outline agrmt mess.
Status profile			Message: Mast.contr.

Issue No. 3

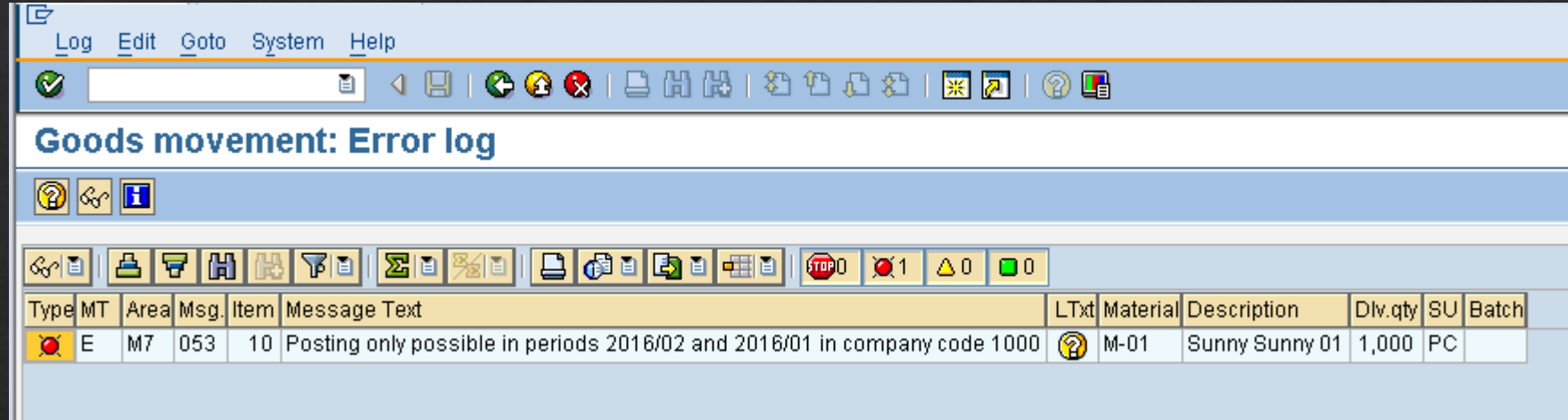
Solution : 3. Sales Org/D. Chnl and Division are either derived from the Customer master or manually entered.

So, in this case the values are
Z + A + 1000 + 10 + 00.



For this combination, a pricing procedure should exist. If not, you get the error. [OVKK]

Change View "Pricing Procedures: Determination in Sales Do							
 New Entries      							
	SOrg.	DChl	Dv	DoPr	CuPP	Pricing procedure	CTyp Condition type
	1000	10	00	A	1	Standard	PR00 Price
	1000	10	00	A	2	Tax Included in Price	PR01 Price incl.Sales Tax
	1000	10	00	A	Y	Point Program Procedur	PR00 Price
	1000	10	00	C	1	Standard - Free with F	
	1000	10	00	C	2	Standard - Free w/out	

Issue No. 4



The screenshot shows the SAP 'Goods movement: Error log' window. It features a menu bar with 'Log', 'Edit', 'Goto', 'System', and 'Help'. Below the menu is a toolbar with various icons for navigation and actions. The main area contains a table with error log entries. The table has columns for 'Type', 'MT', 'Area', 'Msg.', 'Item', 'Message Text', 'LTxt', 'Material', 'Description', 'Div.qty', 'SU', and 'Batch'. A single entry is visible with a red error icon in the 'Type' column.




Type	MT	Area	Msg.	Item	Message Text	LTxt	Material	Description	Div.qty	SU	Batch
	E	M7	053	10	Posting only possible in periods 2016/02 and 2016/01 in company code 1000		M-01	Sunny Sunny 01	1,000	PC	

Symptom : This error happens during the PGI of a delivery.

Issue No. 4

Solution : This is a pure accounting error and should be resolved by the FI consultant (and if necessary the MM consultant). The fix for this is to go to MMPV , enter the correct accounting period and close the posting periods.
For example, say the current date is June 9th 2016 - but the error above says that postings are only possible in Jan or Feb of 2016. So, enter the next period (ie. March).

Close Period for Material Master Records

From company code

To company code

Enter next period (including fiscal year) or a relevant date
(but not both)

Period

Fiscal year

or

Date

☒ Check and close period
☐ Check period only
☐ Close period only

Issue No. 4

Solution : This closes the posting period 01/2016 (Jan 2016) and opens up March 2016. So, both Feb and March are open now for posting. But, we are in June - So, keep closing one period at a time until you reach June.

For those of you who are working off of an IDES system for the first time, this could pose a big problem. because you would have to close one period at a time from 2006 all the way through the current month/year. However, there is no way around it as closing/opening material posting periods can only be done one month at a time.

Issue No. 5

Delivery Create: Overview

Outbound deliv. Document Date

Ship-to party Thomas Bush Inc. / 1 1 2800 South 25th Ave / MAYWOOD IL 60153

Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time OvrIPickStatus Not yet picked

Warehouse No. Lean warehouse Atlant: OverallWMStatus WM Trnsf order reqd

All Items

itm	Material	PInt	SLoc	Deliv. Qty	Un	Picked Qty	Un	Batch	B...
10	M-01	3200	0001	10	PC	0	PC		

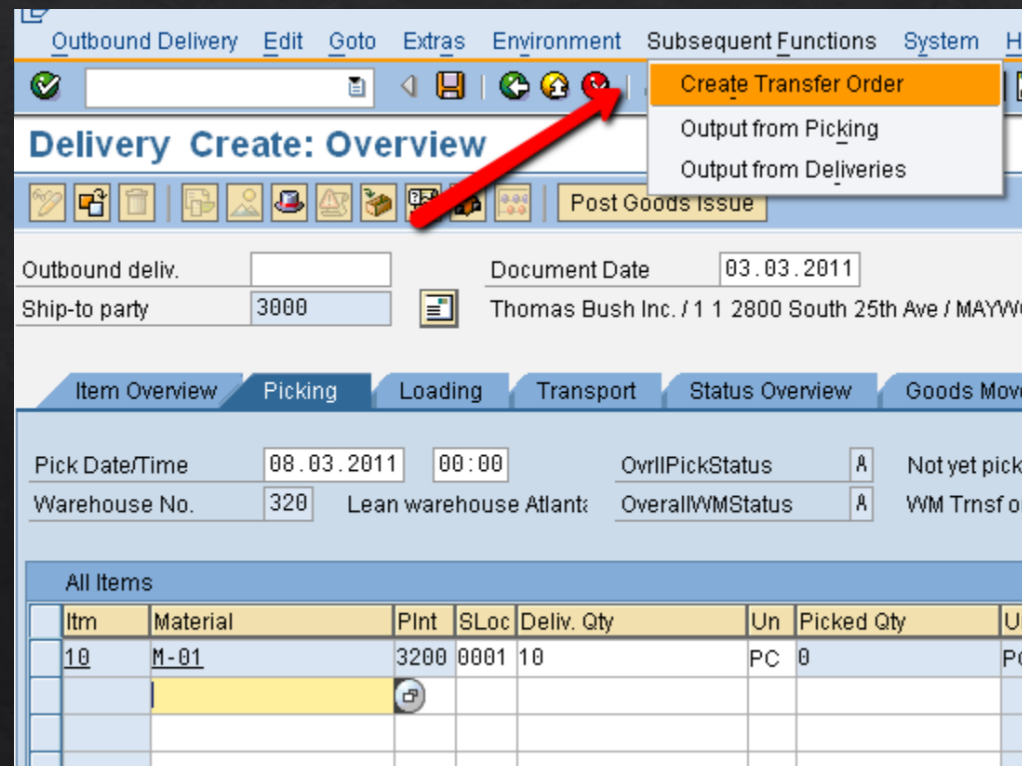
Symptom : Sometimes, the picked quantity field is grayed out in an outbound delivery.

Issue No. 5

Solution : This is by design – What this means is that a Transfer Order is required.

Why is a Transfer Order required ? Because the Storage location is Warehouse Managed. Please observe that the “Overall WM Status” says “WM Transfer Order Required” . And there will be a warehouse no. assigned to it.

The immediate and only solution to this is to create a “Transfer Order” in SAP

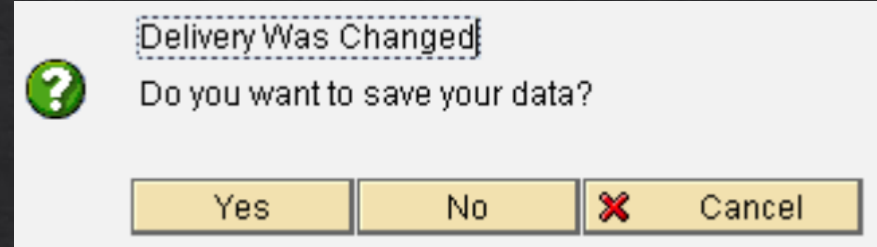


The screenshot shows the SAP 'Delivery Create: Overview' screen. A red arrow points to the 'Create Transfer Order' option in the menu. The screen displays various fields for delivery creation, including 'Outbound deliv.', 'Ship-to party', 'Document Date', and 'Warehouse No.'. The 'Overall WM Status' is set to 'A' (Not yet picked). The 'All Items' table shows a single item with material 'M-01' and a quantity of 10.

Item	Material	Plant	Storage Location	Deliv. Qty	Unit	Picked Qty	Unit
10	M-01	3200	0001	10	PC	0	PC

Issue No. 5

Solution : You will be prompted to save the delivery. Save it.



Complete the Transfer Order as guided by SAP. If Warehouse Management is configured well, then you should be able to complete the transfer order as desired.

Warehouse Number


Plant

Delivery

Group

Control

☒ Activate Item

Foreground/Backgrnd 

Adopt Pick Quantity


Adopt putaway qty

Putaway TO proc.

Issue No. 5

Solution : Hit enter, and you will see the main SAP Transfer Order screen,

Create TO for Delivery: Overview Deliveries

Generate TO Item  Stor. Type Srch Seq.

Warehouse Number Delivery Priority

Delivery Picking Date

Shipping Point Loading Date

Active Worklist Inactive items Processed items

Items						
	Delivery	Item	Material	Description	SLoc	Plant
	80015998	10	M-01	Sunny Sunny 01	0001	3200

Hit the save button. If the material is available, it will be picked up by the transfer order and the picked quantity will automatically be populated by the SAP Transfer order into the SAP Delivery.

Go back and open the Delivery again [VL02N]. The picked quantity will automatically be populated in the SAP Delivery.

Issue No. 5

Solution :

Delivery 80015998 Change: Overview

Outbound deliv. 80015998 Document Date 03.03.2011
Ship-to party 3000 Thomas Bush Inc. / 1 1 2800 South 25th Ave / MAYWOOD IL 60151

Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time 08.03.2011 00:00 OvrllPickStatus C Fully picked
Warehouse No. 320 Lean warehouse Atlant OverallWMStatus C WM trsf ord confirmed

All Items

Item	Material	Plant	Storage Location	Deliv. Qty	Unit	Picked Qty	Unit	Batch
10	M-01	3200	0001	10	P	10	P	C

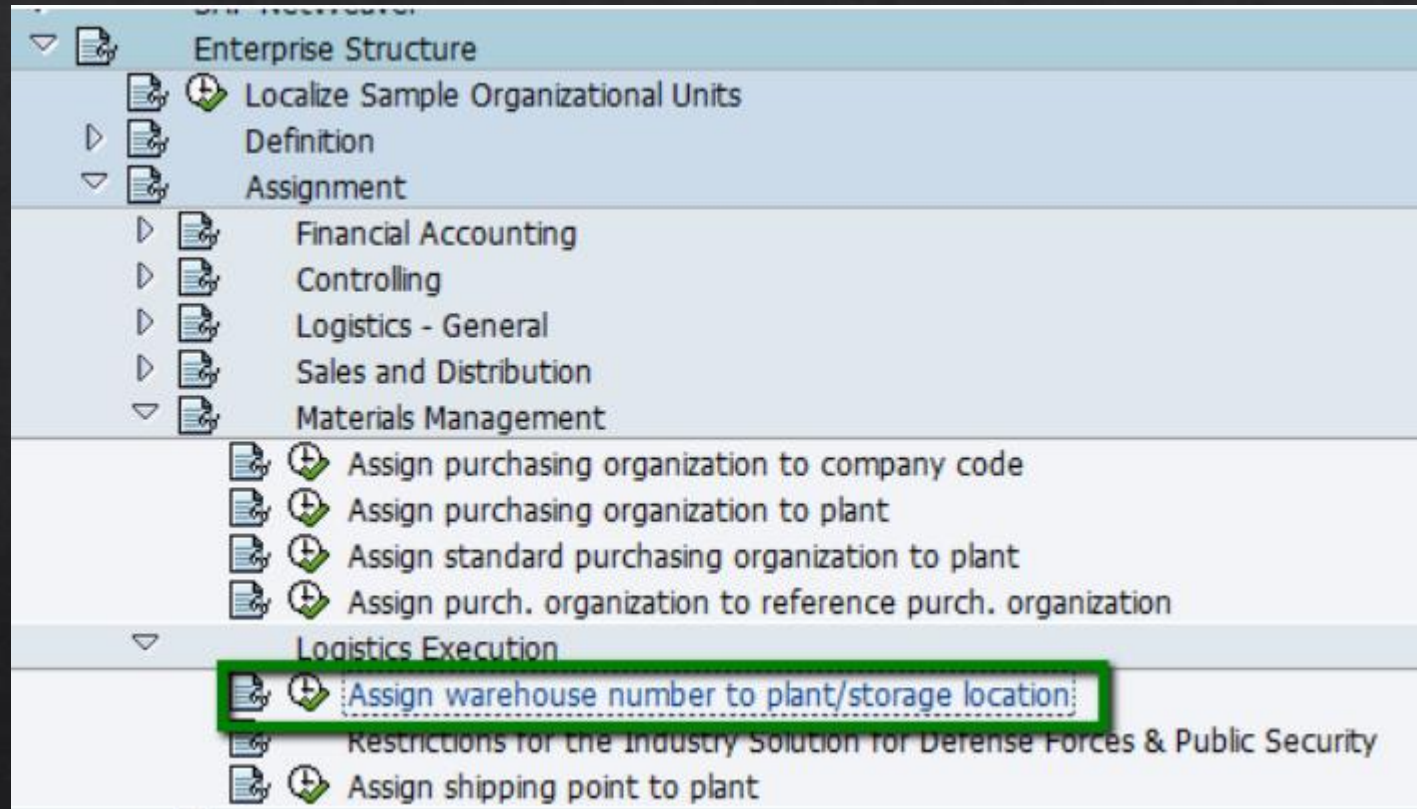
You can proceed to save the delivery in SAP as usual. You would need SAP Access to practice these issues. If for some reason, you are stuck with creating a Transfer Order, do the below steps.

This should only be done so that you can continue practicing – This is never a real business case. What you are essentially doing here is to make the storage location non-warehouse managed. This is just a shortcut.

Issue No. 5

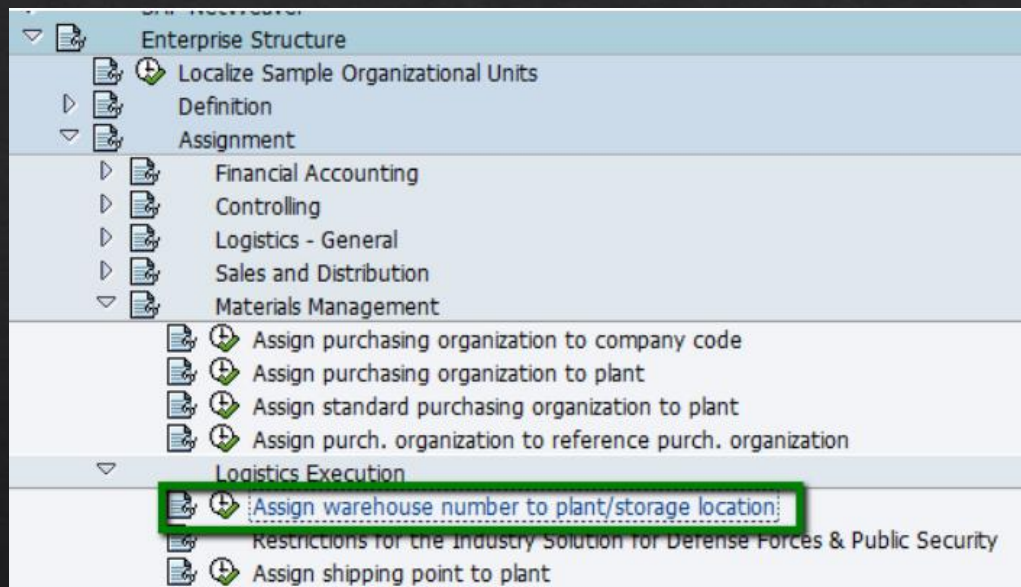
Solution :

- Identify the Plant and the corresponding storage location.
 - In this case, they are 3200/0001.
- Go to the following path in Enterprise Structure and remove the corresponding entry



Issue No. 5

- Solution :**
- Identify the Plant and the corresponding storage location.
 - In this case, they are 3200/0001.
 - Go to the following path in Enterprise Structure and remove the corresponding entry



The screenshot shows the SAP MM-IM Storage Location table. The table has columns: Plnt, SLoc, WbM, Warehouse no., and description. The first row is highlighted with a green box.


Plnt	SLoc	WbM	Warehouse no.	description
3200	0001	320		Lean warehouse Atlanta
3200	VS01	VS1		Central warehouse VS/WM
3300	0001	330		Lean warehouse LA
3400	0001	340		Lean warehouse Seattle
3500	0095	005		Dallas (Decentral)
3500	3501	005		Dallas (Decentral)
3500	3511	005		Dallas (Decentral)

Issue No. 6


Symptom : Missing Fields in Sales View of Material Master

Expected View

Classification ☒ Sales: sales org. 1 ☐ Sales: sales org. 2 Sales: General/Plant

Material: M-01 Sunny Sunny 01 

Sales Org. 1000 Germany Frankfurt

Distr. Chl 10 Final customer sales 

General data

Base Unit of Measure PC piece(s) Division 07 High Tech

Sales unit ☐ Sales unit not var.

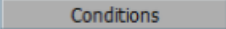
Unit of Measure Grp

X-distr.chain status Valid from

DChain-spec. status Valid from

Delivering Plant 1200 Dresden

Material Group 00207 Monitors


☒ Cash discount 

Tax data

Co	Country	Tax	Tax category	T Tax classification
DE	Germany	MWST	Output Tax	1 Full Tax

Actual View

Classification ☐ Sales: sales org. 1 ☒ Sales: sales org. 2 Sales: General/Plant

Material M-01 Sunny Sunny 01 

General data

Base Unit of Measure PC piece(s) Division 07 High Tech

X-distr.chain status Valid from

Material Group 00207 Monitors

Issue No. 6

Solution : This happens because you did not enter the organization levels. You can quickly go to Org Levels button on the menu bar and enter the org levels.



And you shall get the expected screen with sales data specific to the sales org you have entered.

Also, the general practice is to enter them during the initial screen when you select the org specific screens.

Issue No. 7

Symptom : You want to find out the EHP and Service Pack level of your system

Both Service Packs and

Enhancements Packs are enhancements provided by SAP to their Customer Installations. Let's compare this with what we see in Windows Operating System. This is a rough equivalent.

Windows OS Versions	SAP Versions	Terminology What	
Windows 7 or 8 or 10	SAP R/3 4.7 or ECC	Release	Major release – Typically involves new functionality in leaps and bounds
Windows 8.1 or 10.1	SAP ECC 6.0 EHP 6 or EHP 8	Enhancement Pack	Minor Release – Typically involves minor releases in functionality.
Windows 10 SR1	SAP ECC 6.0 EHP 17 , SP 1	Service Pack	Fixes – Typically involves long term fixes to well-known bugs
Windows Hot Fixes	SAP Hot Packs	Hot Pack	Bug Fix – Typically short term or customer specific.

Issue No. 7

Solution : How do you find out the actual Releases or Service Packs versions in SAP?

You can find this date in two ways. One from System -> Status and another from transaction code SPAM. Let's use the SPAM transaction

Support Package Manager - Version 7.40/0054

Queue Display/define

Directory

- ☐ New Support Packages
- ☐ Aborted Support Packages
- ☐ Imported Support Packages
- ☒ All Support Packages

Display

Status

No queue has been defined

SPAM status: ☐ ☐ ☒

Package level

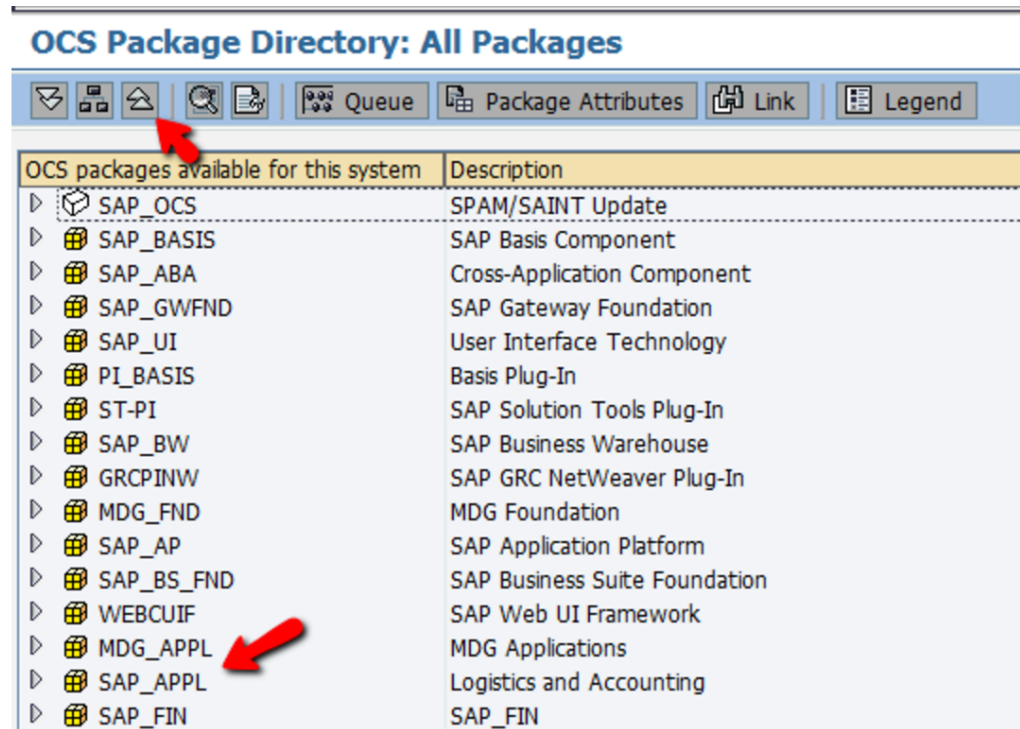
Issue No. 7

Solution : How do you find out the actual Releases or Service Packs versions in SAP?

Click on Display.

Once you get the following screen, click on the collapse button (on the top) and expand just the package SAP_APPL.

Look at the last imported package. For example, in this case it is



OCS packages available for this system	Description
▶ SAP_OCS	SPAM/SAINT Update
▶ SAP_BASIS	SAP Basis Component
▶ SAP_ABA	Cross-Application Component
▶ SAP_GWFND	SAP Gateway Foundation
▶ SAP_UI	User Interface Technology
▶ PI_BASIS	Basis Plug-In
▶ ST-PI	SAP Solution Tools Plug-In
▶ SAP_BW	SAP Business Warehouse
▶ GRCPINW	SAP GRC NetWeaver Plug-In
▶ MDG_FND	MDG Foundation
▶ SAP_AP	SAP Application Platform
▶ SAP_BS_FND	SAP Business Suite Foundation
▶ WEBCUIF	SAP Web UI Framework
▶ MDG_APPL	MDG Applications
▶ SAP_APPL	Logistics and Accounting
▶ SAP_FIN	SAP_FIN