

Solution: WM II Challenge

Learning Objective Understand and perform a warehousing process for int. goods

Motivation After having finished the *Warehouse Management II* case study successfully you should now be able to solve the following challenge.

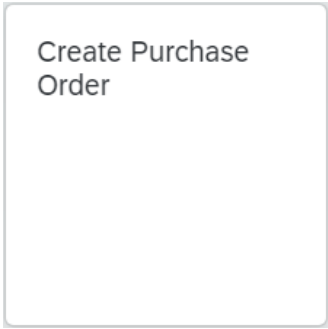
Scenario The warehouse management system has been tested without any problems, so the management decided to use the system productively. The distribution center in San Diego will be delivering customers very soon. In order to do so you need to ensure that there are enough silver Deluxe Touring Bikes available on stock. Unfortunately, you cannot order any from your plant in Dallas, because due to problems with one of the assembly lines there are no free resources available. In order to have 50 silver Deluxe Touring Bikes (estimation by the management) in San Diego on time you need to order them from your plant in Heidelberg (Germany). The delivery time is 10 days maximum.

As soon as the goods arrive in your DC in San Diego they need to be stored in the same bin where the black Touring Bikes from this case study already are.

Task Information You can use the *Warehouse Management II* case study as a guideline but it is recommended to complete this challenge without further assistance to prove your WM skills.

Create Stock Transport Order

To create a stock transport order for your silver deluxe touring bike (DXTR2###), use the app *Create Purchase Order*.

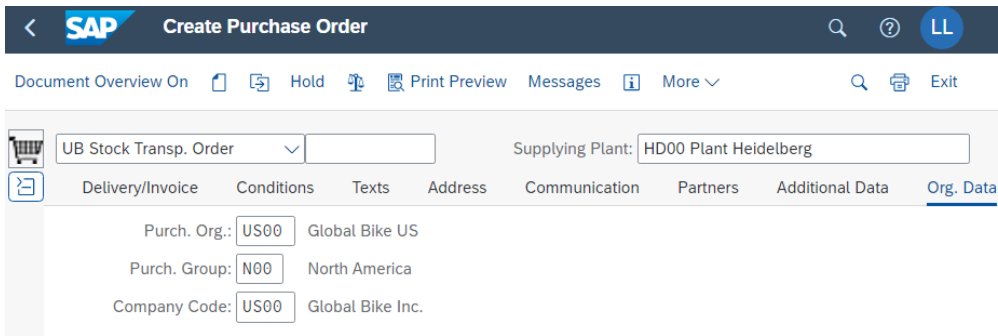


Create Purchase Order

In the *Create Purchase Order* screen, change the purchase order type to **Stock Transp. Order** and accept any warning messages with Enter. Fill in **US00** as Purch. Org., **N00** as Purch. Group, **US00** as Company Code and **HD00** as Supplying Plant.

Fiori App

Stock Transp.
US00
N00
US00
HD00




SAP Create Purchase Order

Document Overview On | Hold | Print Preview | Messages | More

UB Stock Transp. Order | Supplying Plant: HD00 Plant Heidelberg

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data

Purch. Org.: US00 Global Bike US
Purch. Group: N00 North America
Company Code: US00 Global Bike Inc.


Select  to expand the Item Overview. Enter **DXTR2###** as Material (replace ### with your number), **50** as PO Quantity, **SD00** as Plant, **FG00** as Storage Location and **10 days from today** as Delivery Date. Confirm your entries by pressing Enter.


DXTR2###
50
SD00
FG00
10 days from today

S...	Itm	A	I	Material	Short Text	PO Q...	OUn	C	Deliv. Date	Matl Group	Plnt
<input type="checkbox"/>	<input type="checkbox"/>	10	U	DXTR2000	Deluxe Touring Bike (silver)	50	EA	D	06/24/2022	Finished Bikes	DC San Diego

Compare your entries with the screenshot above. Then, click on **Save** to save your order. You may receive a warning message which you can ignore by clicking on Save. The system will assign a unique stock transport order document number.

Stock transport order
document number

 Stock Transp. Order created under the number 4500000023

Click on  to return to the SAP Fiori Launchpad.

Create Goods Issue

To create a goods issue, use the app *Post Goods Movement*.

Fiori App



In the following screen, change the Material Document drop down to **Goods Issue** and adjust the type of Goods Issue to a **Purchase Order**.

Goods Issue
Purchase Order


< **SAP** Goods Issue Purchase Order - Learn-000 Learn-000

Show Overview Services for Object ▾ More ▾

A07 Goods Issue ▾ R01 Purchase Order ▾

Input your **Stock Transport Order Number** in the blank space next to it.

Note If you have not written down the TO number you created in the second task, you may use the F4 help in the TO number field (first blank field next to the second drop-down field).

In the following screen choose the *Purchasing Documents for Material* tab by using . Then, enter **DXTR2###** as Material and press Enter.

DXTR2###

Purchasing Document Number (1) ×

▾ Purchasing Documents for Material Purchasing Documents per Network Purchasing Documents per Project ...

Material:

Plant:

Purch. Doc. Category:

Order Type:

Purchasing Document:

Item:

Maximum No. of Hits:

Find Cancel




Now double click on your entry.



After your order number is filled in press Enter. When your order comes up select **OK** and enter **Finished Goods** as Storage Location by using the F4 help. Confirm your entries by pressing Enter

OK
FG00

< **SAP** Goods Issue Purchase Order 4500000026 - Learn-000 Learn-000 Q ? LL


Show Overview Services for Object ▾ More ▾ Find Exit

A07 Goods Issue ▾ R01 Purchase Order ▾   


 **General** 

Document Date: Material Slip:

Posting Date: Doc.Header Text:


 ☐ 1 Individual Slip ▾

Line	Mat. Short Text	Wa...	OK	Qty in UnE	EUn	SLoc	Stock Segment	Batch
1	Deluxe Touring Bike (silber)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	50	EA	Finished Goods		

Then, click on  to save your issue. The system will assign a unique material document number.

✓ Material document 4900032091 posted [View Details](#)

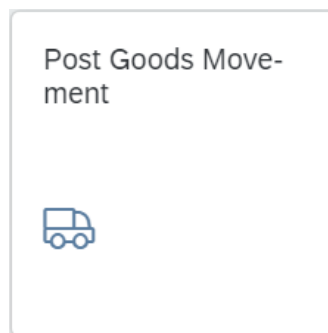
Material Document
Number

Click on  to return to the SAP Fiori Launchpad.

Create Goods Receipt

To create a goods receipt, use the app *Post Goods Movement*.

Fiori App




In the following screen, change the Material Document drop down to **Goods Receipt**, adjust the type of Goods Receipt to a **Purchase Order**, and input your **Stock Transport Order Number** in the blank space next to it. You may use the F4 help like explained in the goods issue task. Then, press Enter.

Goods Receipt
Purchase Order
Stock Transport Order
Number

After your stock transport order comes up select **OK**. Make sure that **SD00** is chosen as Plant, **101** as Movement Type and **FG00** as Storage Location. Compare your entries with the screenshot below.


OK
SD00
101
FG00

Line	Mat. Short Text	Wa...	OK	Qty in UnE	E... SLoc	S... B... V... M...	D..	Stock Type	Plnt
1	Deluxe Touring Bike (silber)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	50	E... Finished Goods		101	+	Unre... DC San Diego

Then, click on  to save your receipt. The system will assign a unique material document number.

Material Document
Number

✓ Material document 5000000041 posted [View Details](#)

Click on  to return to the SAP Fiori Launchpad.

Create Transfer Order

To create a transfer order, use the app *Display Transfer Requirement – List of Material*.

Fiori App

Display Transfer Requirement List for Material

In the *Display Transfer Requirement: List for Material* screen, enter **100** (for your San Diego Warehouse) as Warehouse Number, **DXTR2###** as Material (replace ### with your number) and **SD00** as Plant. Then, press Enter.

100
DXTR2###
SD00

Warehouse Number: 100

Material: DXTR2000

Plant: SD00

Stor. Loc.:

Stock Cat.: *

Special Stock: *

In the *Transfer Requirements for Material* screen, you should see a line item describing the goods just received for your stock transport order. The requirement number should be the same as the stock transport order number you received earlier. Make sure that the line item is selected and click on the **TO in Foreground** button.

In the *Create TO for TR 000000XXXX 0001: Prepare for Putaway* screen, press Enter to copy your quantity of 50 from the *Palletization* section to the *Items* section. Enter **001** as Sec, **STBN-7-###** as Destination Bin (replace ### with your number) and use F4 to select **Pallet Storage** as Type. Confirm your entries by pressing Enter.

001
STBN-7-###
002

SAP Create TO for TR 000000032 0001: Prepare for Putaway

Generate + Next Mat. Pre-Allocated Stock Add to Existing Stock More ▾

Material:
 Deluxe Touring Bike (silver)

Plant/Stor.loc.: Movement Type: Goods receipt for pur.or.
 Stock Category: Source Stor.Bin:
 Special Stock: GR Date:
 Stock Segment:

Palletization **Quantities**

SU	Qty per SUnit	SUT	Typ	Sec	Stck plcmnt qty:	EA
<input type="checkbox"/>	X	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="50"/>	<input type="text" value="EA"/>
<input type="checkbox"/>	X	50	<input type="text"/>	<input type="text"/>	Open Quantity: <input type="text" value="0"/>	Total TO items: <input type="text" value="0"/>

Items

Itm	Dest.target quantity	SUT	Type	Sec	Destination Bin	Dest.storage unit	T	Batch
<input type="checkbox"/> 1	50		002	001	STBN - 7 - 000		<input type="checkbox"/>	

Then, click on **Posting** to save your transfer order. The system will assign a unique transfer order number. **Please write down this number.**

Transfer Order Number

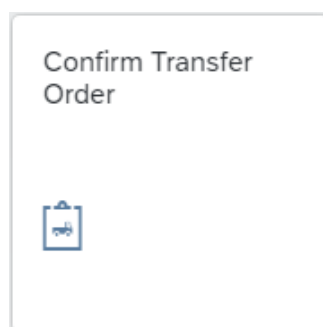
Transfer order 0000005043 created

Click on **SAP** to return to the SAP Fiori Launchpad.

Confirm Transfer Order

To confirm a transfer order, use the app *Confirm Transfer Order*.

Fiori App



In the *Confirm Transfer Order: Initial Screen*, enter the **TO Number** from the previous task and **100** as Warehouse Number. Then press Enter.

TO Number
100

Note If you have not written down the number you can search for it using the Fiori app *Display Transfer Order*.

Fiori App

In the *Confirm Transfer Order: Overview of Transfer Order Items* screen, you should see an overview of your transfer order created in the previous step. Review all of the details to make sure you have the correct quantity and storage bin.

Item	Material	Plnt	Batch	Stock Segment	De...	Dest. Bin	Actual qty	AUn	DI	De
1	DXTR2000	SD00			002	STBN-7-000	50	EA		

Then, click on **Posting** to confirm your transfer order. The system will return a success message.

✓ Transfer order 0000005043 confirmed

Click on **SAP** to return to the SAP Fiori Launchpad.

