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.
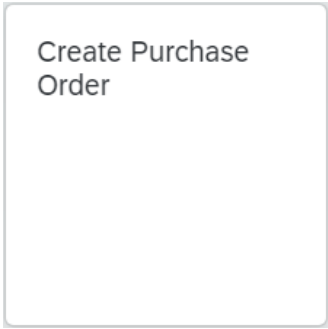
Scenario The warehouse management system has been tested without any problems, so the management decided to use the system productively. The distribution center in San Diego will be delivering customers very soon. In order to do so you need to ensure that there are enough silver Deluxe Touring Bikes 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*.
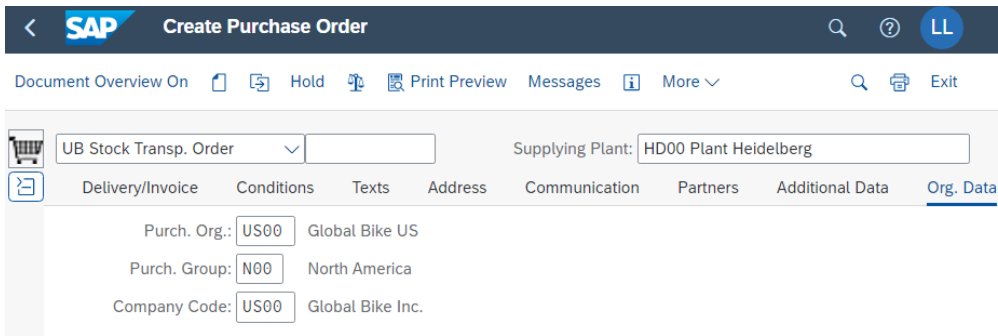
Fiori App

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.

Stock Transp.
US00
N00
US00
HD00

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
☐	10		U	DXTR2000	Deluxe Touring Bike (silber)	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 **SAP** to return to the SAP Fiori Launchpad.

Create Goods Issue

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

Fiori App

Post Goods Move-ment

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

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###

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

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

✓ Material document 4900032091 posted View Details

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

Create Goods Receipt

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

Post Goods Move-
ment

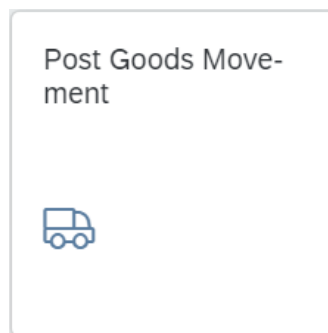In the following screen, change the Material Document drop down to **Goods Receipt**, adjust the type of Goods Receipt to a **Purchase Order**, and input your **Stock Transport Order Number** in the blank space next to it. You may use the F4 help like explained in the goods issue task. Then, press Enter.

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.

Line	Mat. Short Text	Wa...	OK	Qty in UnE	E...	SLoc	S...	B...	V...	M...	D..	Stock Type	Plnt
1	Deluxe Touring Bike (silber)	☐	☑	50	E...	Finished Goods				101	+	Unre... ⌄	DC San Diego

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

✓ Material document 5000000041 posted View Details

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

Create Transfer Order

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

Display Transfer
Requirement
List for Material

In the *Display Transfer Requirement: List of 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

SAP	Display Transfer Requirement: List for Material		

More ∨

Warehouse Number	100		
Material	DXTR2000		
		Stock Cat.	*
Plant	SD00	Special Stock	*
Stor. Loc.			

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

Then, click on **Posting** to save your transfer order. The system will assign a unique transfer order number. **Please write down this number.**
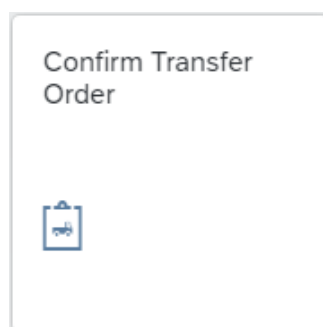
✓ Transfer order 0000005043 created

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

Confirm Transfer Order

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

Confirm Transfer Order

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

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

Transfer Order Number

Fiori App

TO Number
100

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.

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

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