

## Solution: WM IV Challenge

**Learning Objective** Conduct a physical inventory in the warehouse management.

You have successfully gone through the Case Study *Warehouse Management IV*. Now you are able to demonstrate and to apply your knowledge. For this purpose, you should solve the following additional task on your own.

**Scenario** As a warehouse manager, you are in control of the necessary physical inventories within your warehouse. The San Diego warehouse applies the method of continuous inventory. In the course of this inventory, your aim is to check all storage locations of the storage type *pallet storage*.

In the course of the physical inventory of the storage bin STBN-9-###, which is listed as empty, 120 units of your off-road helmets (*OHMT1###*) are found in storage location *TG00*. Strict investigations revealed that they were part of the last delivery and were not entered into the system at all. The goods were also put away into the wrong storage bin, as STBN-3-### would be the standard bin for them. Start this physical inventory within the system, add the count and clear it.

To reconcile the stocks, use a transportation order in order to restore the 120 units from the storage bin STBN-9-### to the storage bin STBN-3-###.

**Task Information** You are free to use the Case Study *Warehouse Management IV* as an aid. It is however recommended to accomplish this advanced task without any help in order to thus put your acquired knowledge to a test.

### Create and activate a physical inventory document

To create a physical inventory document, use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Supervisor* role the app *Carry out Continuous Inventory*.

Fiori App



In the screen *Carry out Continuous Inventory*, enter **100** as Warehouse number, **002** as Storage type, **STBN-\*-###** (do not forget to replace ### with your number) as Storage bin and **LEARN-###** as Name of counter. Also make sure that the value **Only bins not yet counted** is not selected (this also displays storage bins from completed inventories).

100  
002  
STBN-\*-###  
LEARN-###  
Deselect only bins not  
yet counted

Confirm your entries with **Execute**.

**SAP** Carry out Continuous Inventory

Save as Variant... More

\* Warehouse number: 100  
 \* Storage type: 002  
 Storage bin: STBN- \*-000 to:

Program parameters

Count date: 06/16/2022  
 Group number:   
 No. of bins per inv. record:   
 Required number of bins:   
 Bins with qty. less than:   
 No activity since (no.of days):   
 Max. no. of quants per bin:   
 Only empty bins:   
 with dynamic storage bins:   
 Only bins not yet counted:   
 Only bins that can be counted:   
 Name of counter: LEARN-000

In the following screen, deselect all storage bins except for **STBN-9-###**.

STBN-9-###


**SAP** Continuous Inventory: List Sorted by Number of Quants


Display Storage Bin More

Continuous Inventory: List Sorted by Number of Quants

Whse number 100 San Diego Warehouse  
 Stor.ty. 002 Pallet Storage

S	StorageBin	Sec	Last mvmt	Quants	Inv	Notes
<input type="checkbox"/>	STBN-7-000	001	06/11/2022	1		
<input type="checkbox"/>	STBN-8-000	001	08/22/2021	2		
<input checked="" type="checkbox"/>	STBN-9-000	001	06/16/2022	2	PZ	

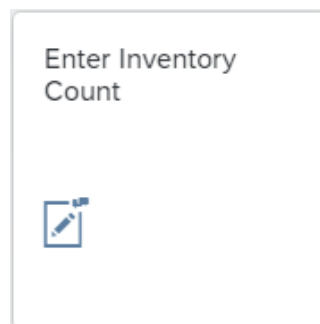
Now click on  to activate your selection and thus create a physical inventory document. Through this process, the selected storage bins are blocked against stock putaways and stock removals.

Click on  to return to the SAP Fiori Launchpad.

### Enter count results

To enter your count results, use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Employee* role the app *Enter Inventory Count*.

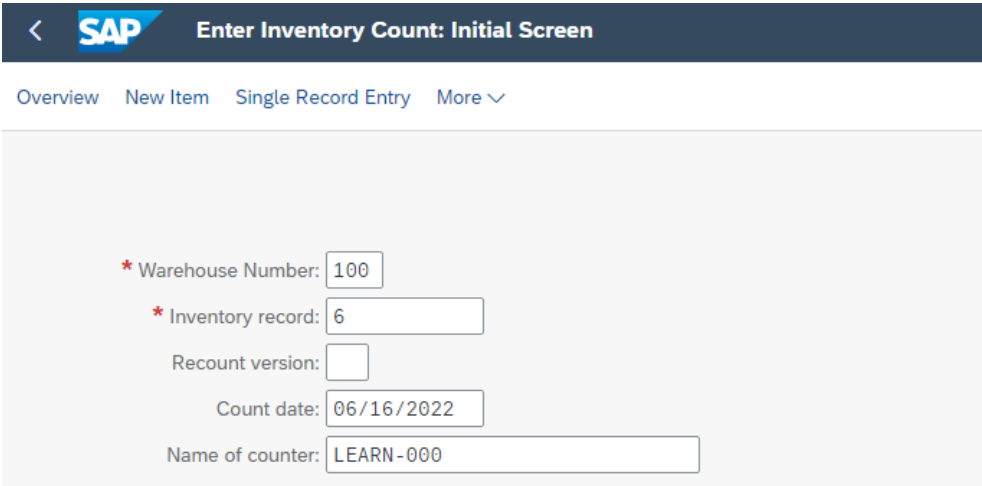
Fiori App

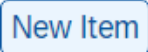


In the screen *Enter Inventory Count: Initial Screen*, enter **100** as Warehouse Number and **today's date** as Count date. Enter **your Inventory Record** number if it is not entered automatically. If you cannot remember your inventory record, please re-simulate the transaction of the previous step in order to find it. Also please enter **LEARN-###** as name of counter. Press Enter to confirm your entries.

100  
Inventory Record  
Number  
Today's date

LEARN-###



In *Enter Inventory Count: Overview* click on . In *Enter Inventory Count: New Items* screen, enter **STBN-9-###** as Storage Bin, **OHMT1###** as Material, **SD00** as Plant, **120** as Counted quantity. Please enter **LEARN-###** as name of counter. **TG00** must be specified as Storage Location (cause off-road helmets are classified as trading goods). Then press Enter.

STBN-9-###  
OHMT1###  
SD00  
120  
LEARN-###  
TG00

**SAP** Enter Inventory Count: New Items

Overview Single Record Entry More ▾

Warehouse No.: 100 San Diego Warehouse  
 Storage Type: 002 Pallet Storage Count date: 06/17/2022  
 Inventory rec.: 7


Items

Item	Stor. Bin	Material	B.. S...	Plnt	S	Counted quantity	AUn	Zero	Q.. S..	SUT	Name of counter	SLoc
	STBN-9-000	OHMT1000		SD00		120		<input type="checkbox"/>			LEARN-000	TG00

A screen will open in which you will have to enter **today's date** as the *goods receipt date* (GR Date) and confirm the value of the counted quantity by pressing Enter.

Today's date

You will receive the following message:

 Material found; old stock = 0

Press Enter again.

Afterwards you will be in the screen *Enter Inventory Count: New Items*. Click on **Overview** and you will get back to the *Enter Inventory Count: Overview*.

For the materials already stored in the case study, enter the **same quantities** as in the case study as *Counted quantity* (for ORMN1### enter 30, for ORWN1### enter 10). Please also enter **LEARN-###** as name of counter for both positions.

Same quantities  
 30  
 10  
 LEARN-###

**SAP** Enter Inventory Count: Overview

New Item Single Record Entry More ▾

Warehouse No.: 100 San Diego Warehouse  
 Storage Type: 002 Pallet Storage Count date: 06/17/2022  
 Inventory rec.: 7

Items

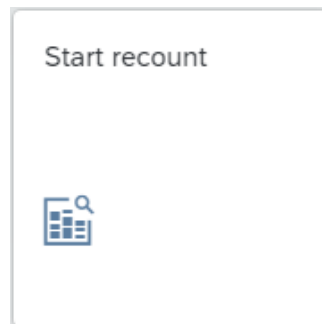
Item	Stor. Bin	Material	Plnt	S	Counted quantity	AUn	Zero	SUT	Name of counter	SLoc
1	STBN-9-000	OHMT1000	SD00		120	EA	<input type="checkbox"/>		LEARN-000	TG00
1	STBN-9-000	ORMN1000	SD00		30		<input type="checkbox"/>		LEARN-000	FG00
1	STBN-9-000	ORWN1000	SD00		10		<input type="checkbox"/>		LEARN-000	FG00

Click on **Save** to update your physical inventory document with the count results.

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

**Start recount**

To order to enter the recount, use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Supervisor* role the app *Start recount*.



In the screen *Start Recount: Initial Screen*, the number of **your Inventory record** and **100** as Warehouse Number should already be listed. If they are not listed, please fill in the boxes. Press Enter.

Your inventory record  
100

 A screenshot of the SAP Fiori app interface. The top header is dark blue with the SAP logo and the text "Start Recount: Initial Screen". Below the header, there are two input fields. The first is labeled "\* Warehouse Number:" and contains the value "100". The second is labeled "\* Inventory record:" and contains the value "6".

Make sure that your storage bin STBN-9-### is selected for the recount and start it by clicking [Initiate Recount](#).


STBN-9-###

 A screenshot of the SAP Fiori app interface showing the "Start Recount: Overview" screen. The header is dark blue with the SAP logo and the text "Start Recount: Overview". Below the header, there are several navigation icons and the text "Initiate Recount", "Count Information", and "More". The main content area shows the following information:
 

Warehouse Number 100 San Diego Warehouse  
Storage Type 002 Pallet Storage  
Phys. Inv. No. 7

 Below this is a table with the following columns: StorageBin, Material, Batch, Plnt SLoc S S +/- sign Difference [%], and Value difference.
 

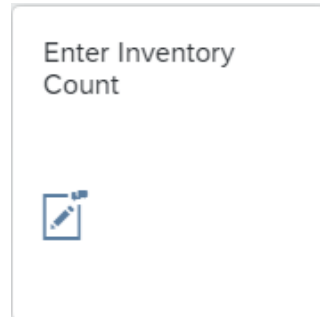
StorageBin	Material	Batch	Plnt SLoc S S +/- sign Difference [%]	Value difference
<input checked="" type="checkbox"/> STBN-9-000				
	OHMT1000		SD00 TG00 + 999.99	3,000.00
	ORMN1000		SD00 FG00 0.00	0.00
	ORWN1000		SD00 FG00 0.00	0.00

Click on  to return to the SAP Fiori Launchpad.

## Enter recount

To enter the count result of the recount, use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Employee* role the app *Enter Inventory Count*.

Fiori App



In the screen *Enter Inventory Count: Initial Screen*, enter **100** as Warehouse Number, **1** as Recount version and **today's date** as Count date. Please enter your **Inventory Record Number** if it is not already listed. Confirm your entries by pressing Enter.


100  
1  
Today's date  
Inventory Record  
Number

In the screen *Enter Inventory Count: Overview*, enter for your the Materials **OHMT1###**, **ORMN1###**, **ORWN1###** the same data that was entered in the first count. Please enter **LEARN-###** as Name of counter for the positions. Press Enter.

120, 30, 10  
LEARN-###

Item	Stor. Bin	Material	B.. S... Plnt	S	Counted quantity	AUn	Zero	Quant	Storage Unit	SUT	Name of counter
1	STBN-9-000	OHMT1000		SD00	120		<input type="checkbox"/>	10081			LEARN-000
1	STBN-9-000	ORMN1000		SD00	30		<input type="checkbox"/>	7010			LEARN-000
1	STBN-9-000	ORWN1000		SD00	10		<input type="checkbox"/>	6010			LEARN-000

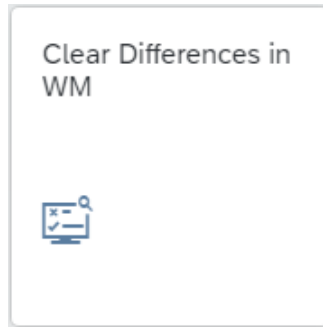
A new screen that will open subsequently. You have to confirm the data by pressing Enter. Click **Save** in order to update your physical inventory document with the recount results.

Click on  to return to the SAP Fiori Launchpad.

## Clear differences in the warehouse management

To order to clear the differences, use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Supervisor* role the app *Clear Differences in WM*.

Fiori App



In the screen *Clear Differences in WM: Initial Screen*, the Warehouse Number **100** and the number of **your Inventory record** should already be entered. If this is not the case, please enter the corresponding figures. Press Enter.

100  
Your Inventory Record

The screenshot shows the SAP Fiori interface for 'Clear Differences in WM: Initial Screen'. At the top, there is a dark blue header with the SAP logo and the title. Below the header, there are two input fields: '\* Warehouse Number:' with the value '100' and '\* Inventory record:' with the value '6'. The background is a light gray color.

In the list of differences, select your storage bin **STBN-9-###**. Afterwards, click on **Write Off**.


STBN-9-###

The screenshot shows the SAP Fiori interface for 'Clear Differences in WM: List of Differences'. At the top, there is a dark blue header with the SAP logo and the title. Below the header, there is a toolbar with various icons and a 'Write Off' button. The main content area shows the following information:

Clear Differences in WM: List of Differences

Warehouse Number 100 San Diego Warehouse  
Storage Type 002 Pallet Storage  
Phys. Inv. No. 7

StorageBin	Material	Batch	Plnt	SLoc	S	S	+/- sign	Difference [%]	Value difference
<input checked="" type="checkbox"/> STBN-9-000									
	OHMT1000		SD00	TG00			+	999.99	3,000.00
	ORMN1000		SD00	FG00				0.00	0.00
	ORWN1000		SD00	FG00				0.00	0.00

Click on  to return to the SAP Fiori Launchpad.

## Clear the differences in the inventory management

To clear the differences in the inventory management, use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Supervisor* role the app *Clear Differences in Inventory Management*.

Fiori App



In the screen *Clearing of Differences in Inventory Management*, enter **100** as Warehouse number and **999** as Storage type. Click on **Execute**.

100  
999

Clearing of Differences in Inventory Management

Save as Variant... More

\* Warehouse number: 100

\* Storage type: 999

Storage bin: to:

In the screen *List of Quants for Difference Posting in Inventory Management*, select your Material **OHMT1###**. Make sure that no other elements are selected.

OHMT1###

List of Quants for Difference Posting in Invent. Management

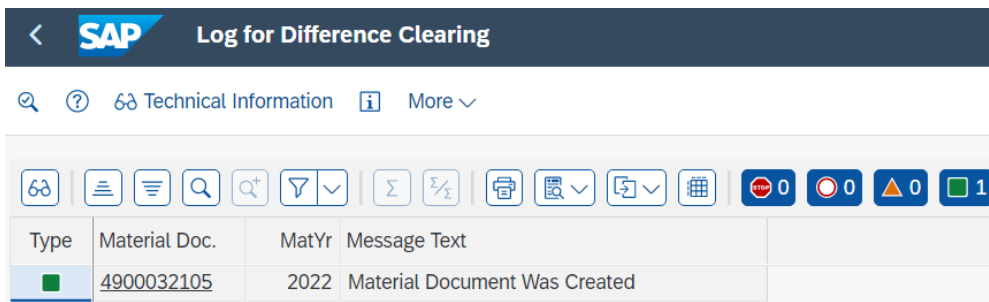
Warehouse Number 100 San Diego Warehouse

Storage Type 999 Differences


St	StorageBin	Material	Plnt	SLoc	Available stock	BUn	Batch	Stock Segment
<input checked="" type="checkbox"/>	0000000007	OHMT1000	SD00	TG00	120-	EA		

The following protocol appears after clicking **Write Off**.





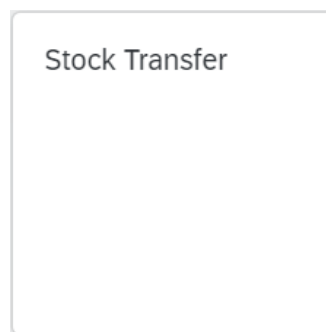
Type	Material Doc.	MatYr	Message Text
■	4900032105	2022	Material Document Was Created

Click on  to return to the SAP Fiori Launchpad.

### Create transportation order and restore material

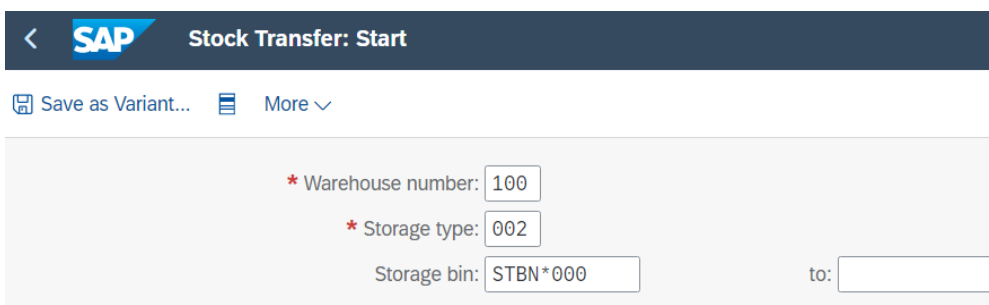
To transfer the 120 Off Road Helmets from storage bin STBN-9-#### to storage bin STBN-3-###, you must create a transportation order. Use in the *Warehouse Management* area on the *Physical Inventory* page in the *Warehouse Employee* role the app *Stock Transfer*.

Fiori App




In the *Stock Transfer: Start* screen, enter **100** for the warehouse number, **002** for the storage type and **STBN\*###** for the storage bin. Then click on **Execute**.

100  
002  
STBN\*###

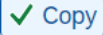


\* Warehouse number:   
 \* Storage type:   
 Storage bin:  to:

Select your Off Road Helmets *OHMT1###* in the view *Display Quant*. Then click on  (**Stock Transf. Frgrnd**).

Stock Transfer  
Foreground

Sl	StorageBin	Material	Plnt	Available stock	BUn	Batch
<input type="checkbox"/>	STBN-8-000	PRTR1000	SD00	50	EA	
<input type="checkbox"/>	STBN-8-000	PRTR2000	SD00	20	EA	
<input checked="" type="checkbox"/>	STBN-9-000	OHMT1000	SD00	120	EA	
<input type="checkbox"/>	STBN-9-000	ORMN1000	SD00	30	EA	
<input type="checkbox"/>	STBN-9-000	ORWN1000	SD00	10	EA	

In the *Specify Destination Data* pop-up window, enter **001** for storage type and **STBN-3-###** for storage bin. Select **Confirm immed.** Confirm your entry by clicking on .

001  
STBN-3-###  
Confirm immediately

Specify Destination Data ✕

Storage Type:

Storage Bin:

Storage Section:

Storage Unit:

Stor. Unit Type:



Print code:

Printer:

Do not print


\* Movement Type:

Confirm immed.


 

Your transportation order has been successfully created and executed.

S1	StorageBin	Material	Plnt	Available stock
<input type="checkbox"/>	STBN-8-000	PRTR1000	SD00	25
<input type="checkbox"/>	STBN-8-000	PRTR2000	SD00	10
<input checked="" type="checkbox"/>	STBN-9-000	OHMT1000	SD00	120
<input type="checkbox"/>	STBN-9-000	ORMN1000	SD00	30
<input type="checkbox"/>	STBN-9-000	ORWN1000	SD00	10

Click on  to return to the SAP Fiori Launchpad.

**Note** You can use App *Run Bin Status Report* to check your Bin Status Report. There all *Off Road Helmets* should be located on the Storage Bin STBN-3-###.

<  Bin Status Report: Overview

< > 🔍 ☰ ☰ 🔍 📄 📄 Choose 💾 Save ✉ 🔗 📱 ℹ More ▾

Bin Status Report: Overview

Warehouse Number 100

Typ	StorageBin	Material	Plnt	Batch	Stock Segment
001	STBN-1-000	<<empty>>			
001	STBN-2-000	<<empty>>			
001	STBN-3-000	OHMT1000	SD00		
002	STBN-7-000	<<empty>>			
002	STBN-8-000	PRTR1000	SD00		
002	STBN-8-000	PRTR2000	SD00		
002	STBN-9-000	ORMN1000	SD00		
002	STBN-9-000	ORWN1000	SD00		