

## 4.18. Inventory adjustments

Inventory adjustments allow you to increase or decrease the stock of an item that is recorded in mSupply®. You will need to adjust the inventory if:

- Stock is discarded (due to damage or expiry)
- Stock has been stolen.
- You find some stock on the shelf that is not in mSupply and you don't know where it came from.

**DO NOT** use inventory adjustments for distributing stock to customers or patients or receiving stock from suppliers. Use customer invoices or prescriptions and supplier invoices for that. Otherwise, you will lose your audit trail and reporting on transactions will be difficult.

Inventory adjustments are used to deal with a problem or fix a mistake, not in the general process of entering stock transactions into mSupply. Ideally, you'll never have to use them but we know we don't live in an ideal world!



If you are doing a stocktake, it's better to use the stocktake module described [here](#) as it will create the needed inventory adjustments automatically.

## Viewing inventory adjustments

Choose **Items > Show inventory adjustments** or click on the Show inventory adjustment icon on the Item tab of the Navigator:



This will open the usual transaction filter window for you to choose which inventory adjustments you want to see. Make your filter selections (or leave them alone to see the 15 most recent inventory adjustments by default) and click on the **OK** button to see the list of matching inventory adjustments:

Name	Type	Sta...	Entered	Confirmed	Invnum	Total	Their ref	PS printed	Comment	Exp btch
Inventory adjustments	si	new	12/05/20...		190	8.4				0
Inventory adjustments	oi	cn	20/05/20...	20/05/20...	82	485.81	Return fro...		Return from CPI	0
Inventory adjustments	sc	cn	20/05/20...	20/05/20...	81	-931.59	IV-630		Donation to SARA	0
Inventory adjustments	sc	cn	02/04/20...	02/04/20...	80	-1.75	Expired IV...		Expired IV-629	0
Inventory adjustments	sc	cn	02/04/20...	02/04/20...	79	-2458.72	Donation ...		Donation to Rii-Shan So...	0
Inventory adjustments	sc	cn	30/01/20...	30/01/20...	57	-31.73	C352a-4th...		C352a-4th shortage	0
Inventory adjustments	sc	cn	30/01/20...	30/01/20...	56	-54.9	IV-620		Nice attack	0
Inventory adjustments	sc	cn	30/01/20...	30/01/20...	55	-205.19	Loan to CPI		Loan to CPI	0
Inventory adjustments	si	cn	30/01/20...	30/01/20...	54	3.69	Found ex...		Found excess in physic...	0
Inventory adjustments	si	cn	30/01/20...	30/01/20...	53	12.3	Found ex...		Found excess stock in...	0
Inventory adjustments	si	cn	30/01/20...	30/01/20...	52	0.52	Stock Adj...		Stock Adjust for packin...	0
Inventory adjustments	sc	cn	30/01/20...	30/01/20...	51	-32.55	IV-600		Nice attack at warehou...	0
Inventory adjustments	sc	cn	30/01/20...	30/01/20...	39	-1788.16	Donation...		Donation to Save the c...	0
Inventory adjustments	sc	cn	02/02/20...	02/02/20...	6	-200.2			No excess stock in WH...	0
Inventory adjustments	oi	new	19/01/20...		0	0				0

You can double-click on any inventory adjustment in the list to view or edit it.

Note that *si* type inventory adjustments add stock and *sc* types reduce stock (*si* means “supplier invoice” and *sc* means “supplier credit”).

## Add stock

Choose **Item > Inventory adjust- add stock** to create an inventory adjustment to add some stock into mSupply or click on the Inventory adjustment (add stock) icon on the *Item* tab of the Navigator:



The inventory adjustment (add stock) window will open:

The image shows the 'Inventory adjust- add stock' window. It has a form with various fields for entering transaction details. The 'Name' field is pre-filled with 'Inventory adjust- add stock'. Below the form is a table with columns: L., Lo., Item code, Item Name, Qty, Pack, Batch, Expiry, Cost Price, Sell Price, Price extension, and Adjustment reason. The table contains one row of data. At the bottom, there are buttons for 'New line', 'Delete line', 'OK & Next', 'Delete', and 'OK'. There is also a section for 'Other charges' with fields for 'Item(s)' and 'Amount'.

L.	Lo.	Item code	Item Name	Qty	Pack	Batch	Expiry	Cost Price	Sell Price	Price extension	Adjustment reason
1		D09AAM035...	AMOPICLIN, 500mg, blister, tab.	4	100	query1...	31/07/2024	2.10	2.10	8.40	

This transaction is almost exactly the same as a supplier invoice and you enter data in exactly the same way (see [7.01. Supplier invoices](#) for details), except:

- The name (*Inventory adjust- add stock*) is filled in automatically for you and cannot be changed.
- There is an additional *Adjustment reason* column (see below for details).

Use the **New line** button to add a line to the transaction (and the **Delete line** button to remove them), just as you would on a supplier invoice.

## Adjustment reasons

If you have added any active *Positive inventory adjustment* reasons on the *Options* tab of **File > Preferences** (see [16.10. Options \(standard reasons\)](#)) then, when adding a line to the inventory adjustment (by clicking on the **New line** button), an **Adjustment reason** drop down list is displayed and you **must** select one of the reasons in the list before you can save the line:

The screenshot shows a window titled "Add/edit inventory adjustment line". It contains the following fields and values:

- Item: AMOXICILLIN, 500mg, blister, tab.
- Received quantity: 4 (Units issued: 0)
- Sent quantity: 0
- Pack size: 100
- Total quantity: 400
- Batch: qwerty1234
- Expiry: 31/07/2024
- Location: (empty)
- Volume per pack: 0 m3
- Invoice line unit cost (USD): 2.10
- Adjusted local cost: 2.10
- % Margin: 0.00
- Sell price: 2.10
- Price extension (USD): 8.40

The "Adjustment reason" dropdown menu is highlighted with a red box and shows "Please select a r...". At the bottom, there are three buttons: "Cancel", "OK", and "OK & Next".

Note that existing lines that do not have a reason selected can be left with no reason selected if you click the **Cancel** button on this window.

## Reduce stock

Use this function when you have done a stocktake and find that the physical stock of an item or items is less than the amount recorded in mSupply®. A transaction that is just like a customer invoice will be created, except that you do not choose the customer. The section on entering customer invoices describes the entry procedure. See the section on Issuing goods - Customer invoices [here](#)

**Inventory adjust- reduce stock**

Name: Inventory adjust- reduce stock  
 Their ref: invad  
 Comment:

Entry date: 28/08/2013  
 Confirm date: 00/00/00  
 Colour: Black  
 Invoice number: 1,008  
 Status: nw  
 Goods receive ID: 0  
 Purchase Order ID: 0  
 Entered by: Sussol  
 Store: General

New line Delete line

L...	Lo...	Item Name	Qty	Pack	Batch	Expiry	Cost Price	Price extension
1	AAA	Cotrimoxazole 480mg tab	1600	1	8ML125	28/11/12	0.02	-32.00
2	AAA	Enalapril 5mg tab	2450	1	9MA94	30/12/10	0.00	0.00

Other charges

Subtotal: -32.00  
 % tax: 0.00  
 Total: -32.00

Export batch: 0  
 Margin: -200.00

OK & Next Delete OK

Inventory adjustments are treated by mSupply as a kind of Supplier invoice (or credit). To view or edit an inventory adjustment, Choose the “Show inventory adjustments” option from the “Item” menu.

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