

Stock Aging

A guide to the stock aging report: age brackets and how the age is counted, dead stock, scope and dates, analysis, printing and Excel.

1. Start here

In plain words: The warehouse is full, the cash is not, and nobody can say how long the goods have been sitting there. **Stock Aging & Dead Stock Report** answers it: for every product, **how much is on the shelf and how old it is**, in six age brackets, with its **value**, and a flag on the **dead stock** that nobody has bought or received for months.

Category	Product	On hand	0-30	31-60	61-90	91-180	181-360
Electronics	[24-210] USB-C Dockin...	19.00	0.00	10.00	0.00	0.00	1.00
Electronics	[31-014] Laptop 14" Blu...	11.00	6.00	0.00	0.00	0.00	4.00
Electronics	[45-100] Wireless Mouse	185.00	100.00	0.00	80.00	25.00	0.00
Electronics	[50-770] Barcode Scann...	27.00	20.00	0.00	0.00	7.00	0.00
Furniture	[24-310] Visitor Chair	50.00	0.00	0.00	0.00	0.00	50.00
Furniture	[054-800] Standing Des...	5.00	0.00	0.00	0.00	0.00	0.00
Office sup...	[09-AA-01] A4 Copy Pap...	330.00	200.00	130.00	0.00	0.00	0.00

Stock by age and value

Measure	Value 0-30	Value 31-60	Value 61-90	Value 91-180	Value 181-360	Value 360+	Value
Total	\$ 8,780.00	\$ 1,730.00	\$ 720.00	\$ 4,135.00	\$ 2,205.00	\$ 2,330.00	\$ 14,900.00
Electronics	\$ 2,580.00	\$ 950.00	\$ 720.00	\$ 1,655.00	\$ 3,275.00	\$ 780.00	\$ 14,900.00
Furniture	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,760.00	\$ 1,550.00	\$ 4,300.00
Office supplies	\$ 1,200.00	\$ 780.00	\$ 0.00	\$ 2,480.00	\$ 1,240.00	\$ 0.00	\$ 5,700.00

Value by category

Product	On hand	0-30	31-60	61-90	91-180
Electronics					
[24-210] USB-C Docking Station	19.00 Units	0.00	10.00	0.00	0.00
[31-014] Laptop 14" Business	11.00 Units	6.00	0.00	0.00	0.00
[45-100] Wireless Mouse	185.00 Units	100.00	0.00	80.00	25.00
[50-770] Barcode Scanner	27.00 Units	20.00	0.00	0.00	7.00
Furniture					
[24-310] Visitor Chair (dead stock)	50.00 Units	0.00	0.00	0.00	0.00
[054-800] Standing Desk (Problem stock)	5.00 Units	0.00	0.00	0.00	0.00
Office supplies					
[09-AA-01] A4 Copy Paper (Box of 5 reams)	330.00 Units	200.00	130.00	0.00	0.00
[10-01] Toner Cartridge XL	80.00 Units	0.00	0.00	0.00	40.00

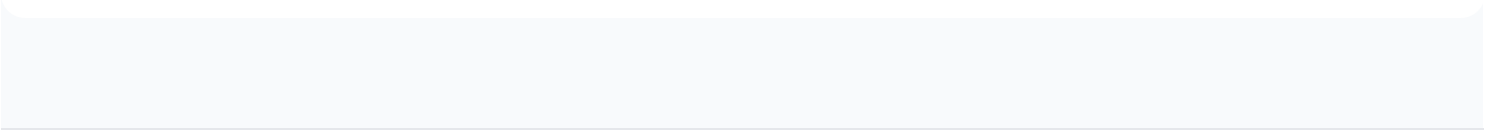
The printed report

The aging by product, the value by category, and the printed report.

Tip: The age is counted first in, first out: sales eat the oldest receipts, so what is left on the shelf is the newest stock. Old stock shows up only when it really did not sell.

2. What you get

Feature	What it does
Six age brackets	0-30, 31-60, 61-90, 91-180, 181-365 and over 365 days: the quantity and the value of each.
First in, first out	The age of each unit is the age of the receipt it came from, oldest sold first.
Value	Quantity at the cost of the product, per bracket, per product and per category.
Dead stock	A product with stock where nothing was issued and nothing received for N days (180 by default) is flagged, with its value.
Last issue	The date of the last issue and the days since.
Any date	Choose a past date to see the aging as it was.
Scope	The whole company, a warehouse, some locations, a category or chosen products.
Analysis	A pivot and a graph by category, filters for dead stock and for stock older than 180 days.
Print and Excel	A landscape PDF with the summary by bracket, and an Excel file with every column.
Arabic	Everything is translated and works right to left.



3. Requirements

Item	Details
Odoo	19.0 (Community or Enterprise)
Apps needed	Inventory (stock)
License	OPL-1 (Odoo Proprietary License v1.0)



4. Install

- 1 Unzip the package. Inside is `taqnix_stock_aging.zip` ; unzip it to get the folder `taqnix_stock_aging` .
- 2 Copy the folder into one of the `addons_path` folders of your Odoo server and restart Odoo.
- 3 Log in as an administrator, activate **Developer mode**, open **Apps** and press **Update Apps List**.
- 4 Remove the "Apps" filter, search **Stock Aging & Dead Stock Report** and press **Install**.

```
# or from the command line
./odoo-bin -c odoo.conf -d YOUR_DATABASE -i taqnix_stock_aging --stop-after-init
```

5. Show the aging

In plain words: Inventory → Reporting → Stock Aging. Choose what you need and click **Show the aging**.

Field	Meaning
As of	The date of the report: today, or a day in the past.
Warehouse, Locations	Only the stock of this warehouse or these locations. Empty: the whole company.
Product category, Products	A category and its sub-categories, or chosen products. Empty: every storable product.
Dead stock after (days)	How many days without any issue or receipt make a product dead stock.

Inventory

Overview

Operations

Products

Reporting

Configuration

4

1

My Company

Stock aging

Stock aging ⚙️

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Show the aging

Analysis

Print

Export to Excel

As of

Oct 23

Product category ?

Warehouse

Products ?

Locations ?

Dead stock after (days) ?

180

Total Value

24,900.00

Older than 180 days (share) ?

38.29%

Older than 180 days

9,535.00

Dead stock

4,300.00

Category	Product	On hand	0-30	31-60	61-90	91-180	181-365	365+	Value	Last issue	Dead	
Electronics	[DK-210] USB-C Dockin...	19.00	0.00	10.00	0.00	8.00	1.00	0.00	\$ 1,805.00	Oct 11	☐	
Electronics	[LT-014] Laptop 14" Bus...	11.00	6.00	0.00	0.00	0.00	4.00	1.00	\$ 8,580.00	Oct 19	☐	
Electronics	[MS-100] Wireless Mouse	185.00	100.00	0.00	60.00	25.00	0.00	0.00	\$ 2,220.00	Oct 15	☐	
Electronics	[SC-770] Barcode Scann...	27.00	20.00	0.00	0.00	7.00	0.00	0.00	\$ 2,295.00	Oct 13	☐	
Furniture	[CH-310] Visitor Chair	50.00	0.00	0.00	0.00	0.00	50.00	0.00	\$ 2,750.00		☒	
Furniture	[DSK-900] Standing Des...	5.00	0.00	0.00	0.00	0.00	0.00	5.00	\$ 1,550.00		☒	
Office sup...	[PP-A4-5] A4 Copy Pape...	330.00	200.00	130.00	0.00	0.00	0.00	0.00	\$ 1,980.00	Oct 21	☐	
Office sup...	[TN-XL] Toner Cartridge ...	60.00	0.00	0.00	0.00	40.00	20.00	0.00	\$ 3,720.00	Oct 3	☐	
		687.00	326.00	140.00	60.00	80.00	75.00	6.00	\$ 24,900.00			

The aging: a line per product, the six brackets, the value and the last issue. Dead stock is in red.

In plain words: At the top: the **total value**, the value **older than 180 days** and its **share**, and the value of the **dead stock**. Open the optional columns of the list for the value of each bracket, the days since the last issue and the age of the oldest unit.

6. How the age is counted

In plain words: For a product, the stock on hand on the chosen date is shared among its receipts, **starting with the newest** (because the oldest were sold first). A receipt is a move into the selected locations from outside of them: a purchase, a return, a manufacturing order, an inventory adjustment. A transfer between two locations of the selection does not make the stock younger.

Example	Result
10 received 100 days ago, 10 received 40 days ago, 12 sold	8 left, all from the receipt of 40 days ago: bracket 31-60.
5 received 300 days ago, nothing issued	5 in the 181-365 bracket, and dead stock after 180 days.
5 received 100 days ago, moved to a shelf yesterday	Still 5 in the 91-180 bracket.

Tip: The value is the quantity times the cost of the product (the standard price, or the average or FIFO cost Odoo keeps on the product), not the price paid on each receipt.

7. Dead stock

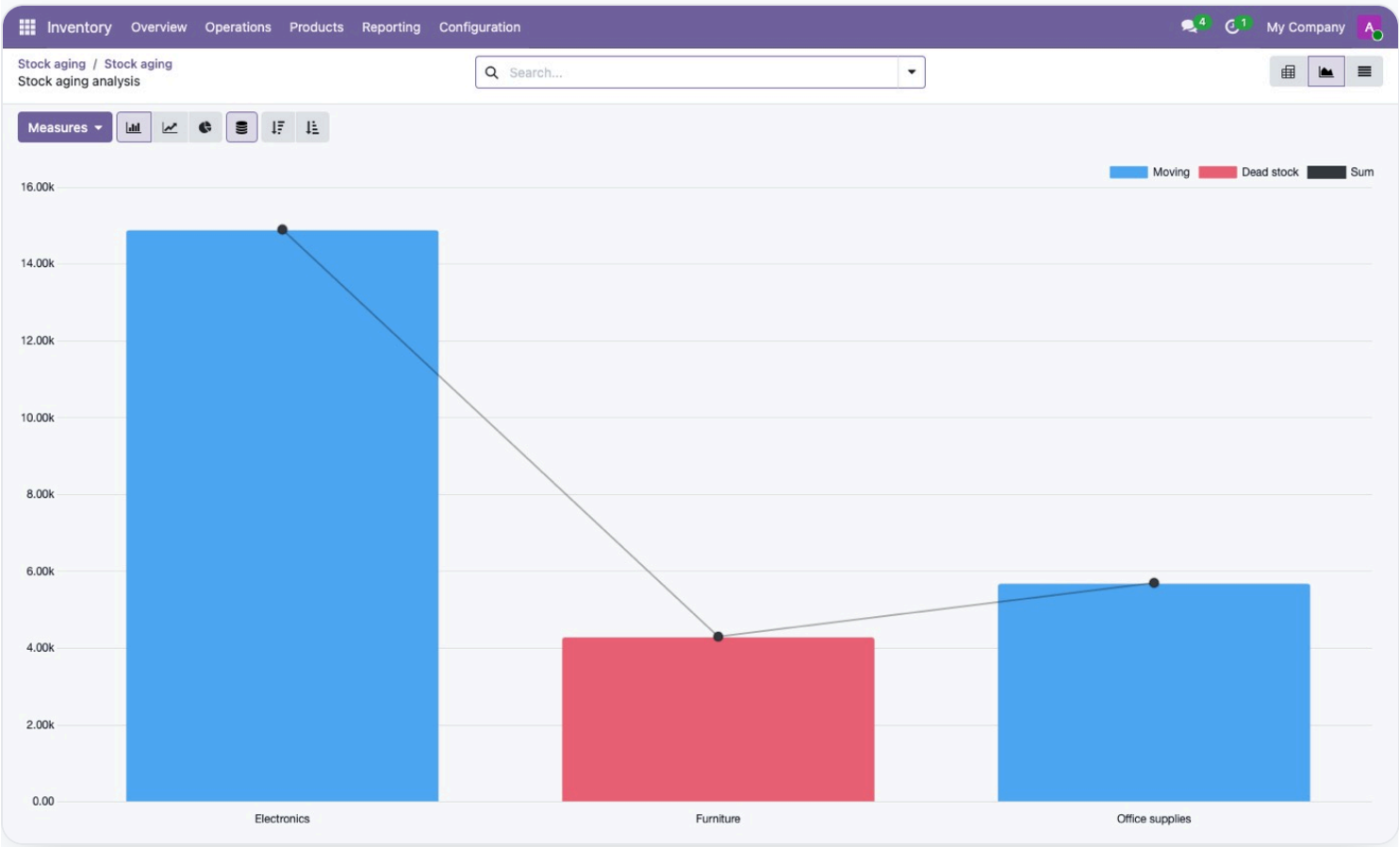
In plain words: A product is **dead stock** when it has stock on the date, and nothing was issued and nothing was received for the number of days you set. Dead stock is in red in the list, ticked in the *Dead* column and counted in the value at the top. A product received last month is never dead stock, even if it was not sold yet.

8. Analysis

In plain words: **Analysis** opens the lines as a pivot, by category: the value of each bracket. The graph stacks the value of each category by moving and dead stock.

Inventory Overview Operations Products Reporting Configuration							
Stock aging / Stock aging							
Stock aging analysis							
Measures							
Total							
	Value 0-30	Value 31-60	Value 61-90	Value 91-180	Value 181-365	Value 365+	Value
Total	\$ 8,780.00	\$ 1,730.00	\$ 720.00	\$ 4,135.00	\$ 7,205.00	\$ 2,330.00	\$ 24,900.00
Electronics	\$ 7,580.00	\$ 950.00	\$ 720.00	\$ 1,655.00	\$ 3,215.00	\$ 780.00	\$ 14,900.00
Furniture	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,750.00	\$ 1,550.00	\$ 4,300.00
Office supplies	\$ 1,200.00	\$ 780.00	\$ 0.00	\$ 2,480.00	\$ 1,240.00	\$ 0.00	\$ 5,700.00

The value of each age bracket, by category.



The value by category, moving and dead stock.

In plain words: The filters *Dead stock* and *Older than 180 days* keep the products you should look at first.

9. Print and Excel

In plain words: **Print** gives an A4 landscape PDF: a summary of the value by bracket with its share, then each category with its products. **Export to Excel** gives every column: the quantities and values of the six brackets, the last receipt and issue, the days and the dead stock flag.



My Company
United States

Stock aging as of 0/23/2026

Dead stock: nothing moved for 180 days

Age (days)	Value		Share	
0-30	\$ 8,780.00		35.3 %	
31-60	\$ 1,730.00		6.9 %	
61-90	\$ 720.00		2.9 %	
91-180	\$ 4,135.00		16.6 %	
181-365	\$ 7,205.00		28.9 %	
365+	\$ 2,330.00		9.4 %	
Total	\$ 24,900.00			

Product	On hand	0-30	31-60	61-90	91-180	181-365	365+	Value	Days since last issue
Electronics									
[DK-210] USB-C Docking Station	19.00 Units	0.00	10.00	0.00	8.00	1.00	0.00	\$ 1,805.00	12
[LT-014] Laptop 14" Business	11.00 Units	6.00	0.00	0.00	0.00	4.00	1.00	\$ 8,580.00	4
[MS-100] Wireless Mouse	185.00 Units	100.00	0.00	60.00	25.00	0.00	0.00	\$ 2,220.00	8
[SC-770] Barcode Scanner	27.00 Units	20.00	0.00	0.00	7.00	0.00	0.00	\$ 2,295.00	10
Furniture									
[CH-310] Visitor Chair (dead stock)	50.00 Units	0.00	0.00	0.00	0.00	50.00	0.00	\$ 2,750.00	-
[DSK-900] Standing Desk Pro(dead stock)	5.00 Units	0.00	0.00	0.00	0.00	0.00	5.00	\$ 1,550.00	-
Office supplies									
[PP-A4-5] A4 Copy Paper (box of 5 reams)	330.00 Units	200.00	130.00	0.00	0.00	0.00	0.00	\$ 1,980.00	2
[TN-XL] Toner Cartridge XL	60.00 Units	0.00	0.00	0.00	40.00	20.00	0.00	\$ 3,720.00	20

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The printed report.

10. Who can do what

Who	Can
Inventory users and managers	Show, analyse, print and export the aging.
Other users	No access to the report.

11. Arabic and right to left

My Company

المخزون

نظرة عامة

المبيعات

المنتجات

إعداد التقارير

التهيئة

أعمار المخزون

أعمار المخزون

أعرض الأعمار

تحليل

طباعة

تصدير إلى إكسل

حتى تاريخ ٢٣ أكتوبر	فئة المنتج	المسودع	المواقع	القيمة الإجمالية	أقدم من 180 يوماً						
٢٣ أكتوبر	المنتجات	راكب بعد (أيام) 180	أقدم من 180 يوماً (النسبة) 38.29%	24,900.00	9,535.00						
4,300.00	مخزون راكم										
الرقم	المنتج	الموثر	0-30	31-60	61-90	91-180	181-365	+365	القيمة	آخر صرف	راكب
☐	Electronics	...ocking Station [DK-210]	0.00	10.00	0.00	8.00	1.00	0.00	\$ 1,805.00	١١ أكتوبر	☐
☐	Electronics	...p 14" Business [LT-014]	6.00	0.00	0.00	0.00	4.00	1.00	\$ 8,580.00	١٩ أكتوبر	☐
☐	Electronics	Wireless Mouse [MS-100]	100.00	0.00	60.00	25.00	0.00	0.00	\$ 2,220.00	١٥ أكتوبر	☐
☐	Electronics	...rcode Scanner [SC-770]	20.00	0.00	0.00	7.00	0.00	0.00	\$ 2,295.00	١٣ أكتوبر	☐
☒	Furniture	Visitor Chair [CH-310]	0.00	0.00	0.00	0.00	50.00	0.00	\$ 2,750.00		☒
☒	Furniture	...ding Desk Pro [DSK-900]	0.00	0.00	0.00	0.00	0.00	5.00	\$ 1,550.00		☒
☐	...e supplies	...ox of 5 reams) [PP-A4-5]	200.00	130.00	0.00	0.00	0.00	0.00	\$ 1,980.00	٢١ أكتوبر	☐
☐	...e supplies	...ner Cartridge XL [TN-XL]	0.00	0.00	0.00	40.00	20.00	0.00	\$ 3,720.00	٣ أكتوبر	☐
			326.00	140.00	60.00	80.00	75.00	6.00	\$ 24,900.00		

The aging in an Arabic interface.

12. Limits

Limit	Detail
Fixed brackets	The six brackets (30, 60, 90, 180, 365 days) are fixed; only the dead stock days are yours to set.
Cost, not the receipt price	The value uses the current cost of the product.
Units	Quantities are in the unit of measure of the product.
Up to 1000 products	For more products choose a category or a warehouse.
Stock without a move	The report counts the stock from the done stock moves; a quant created directly in the database, with no move, is not counted.

13. For developers

In plain words: Skip this chapter if you only use the module.

```
aging = env['taqnix.stock.aging'].create({'as_of': '2026-06-30', 'warehouse_id': warehouse_id})
aging.action_compute()
for line in aging.line_ids:
    print(line.product_id.display_name, line.b1, line.b6, line.value, line.dead)
```

14. Troubleshooting

Problem	What to do
There is no stock on hand for these products on that date	Check the date, the warehouse and the products: only storable products with a stock move are counted.
A product I know I have is missing	Check that it is a storable product and that the warehouse or the locations contain it.
The values are zero	The cost of the product is zero: set it on the product.
The PDF is not styled	Check the system parameter <code>web.base.url</code> , so that the PDF engine can read the styles.

15. Updating and removing

Replace the folder with the new version, restart Odoo and run `-u taqnix_stock_aging`. Nothing is stored: the reports are computed when you open them.

16. Support

Installation help and bug fixes are included for 6 months, with lifetime updates. Contact us through the marketplace page where you bought the module or write to support@taqnix.com with your Odoo version and a screenshot.

Changelog

1.0.0 – Initial release

- Stock aging by six age brackets, first in first out, quantity and value
- Dead stock flagged after a number of days, with its value

- As of any date, by warehouse, location, category or product
- Pivot and graph analysis, A4 landscape PDF and Excel export
- Arabic translation, automated tests

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