

ERP Implementation for XMPS

Optimizing workflows with our comprehensive ERP solution.

Deploying an Integrated Odoo ERP Solution for XMPS Businesses

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Business Context:

XMPS specializes in providing managed printing services to hospitals and medical centers. XMPS owns and installs printing machines at client locations, ensuring continuous operation by handling maintenance, supplying ink, and replacing spare parts.

Installation & Ownership:

- xMPS installs its own printing machines at hospitals and medical centers.
- Clients do not own the machines; they use them under a service agreement.

Maintenance & Support:

- XMPS is responsible for maintenance, repairs, and spare parts replacement to ensure smooth operation.
- Technical support is provided as part of the service.

Consumables Supply:

- XMPS provides ink and other necessary supplies for the machines.
- Clients purchase printing paper and medical films from XMPS to use with the machines.

Revenue Model:

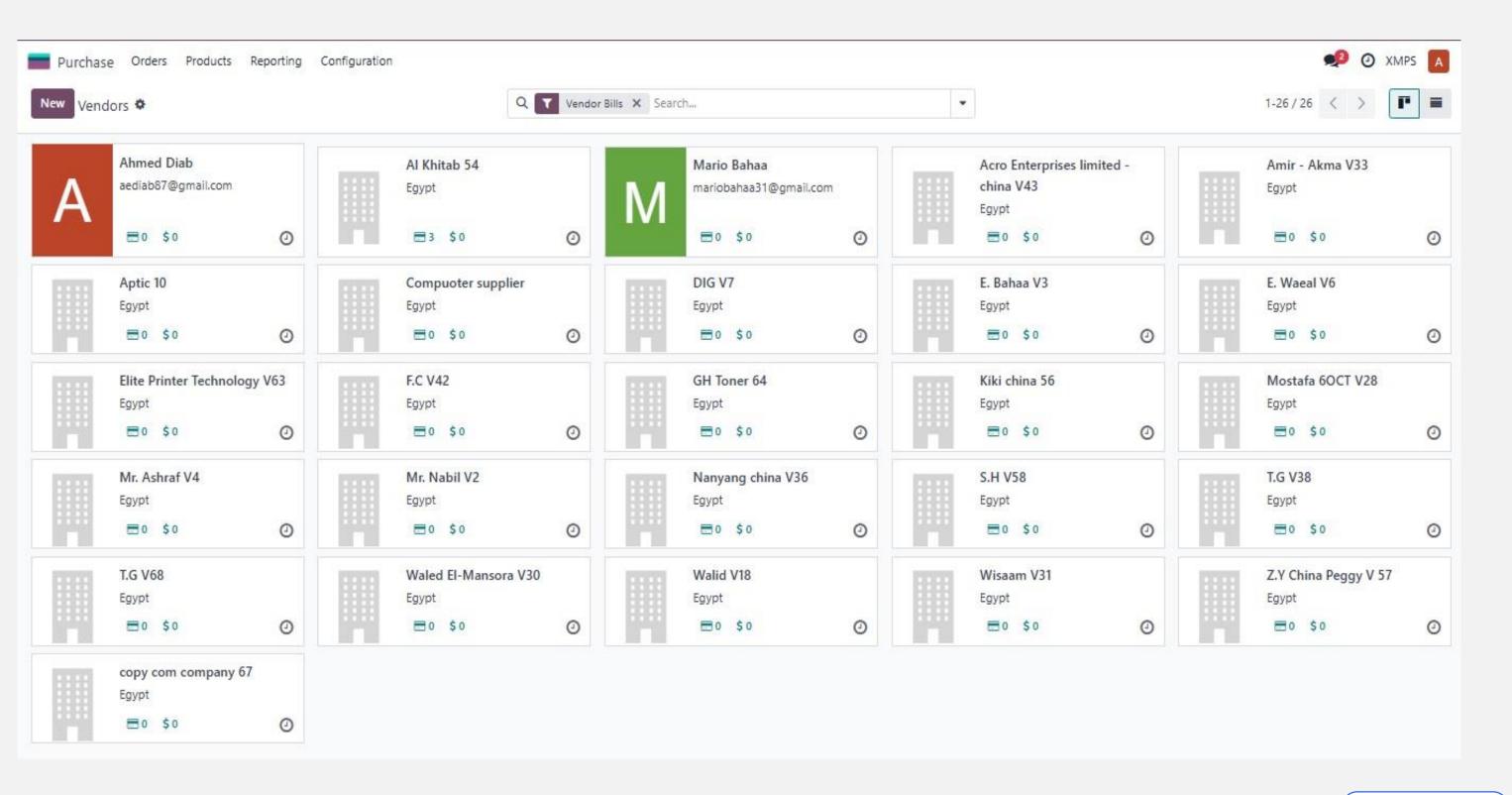
 XMPS generates revenue from selling paper used in the printing process.

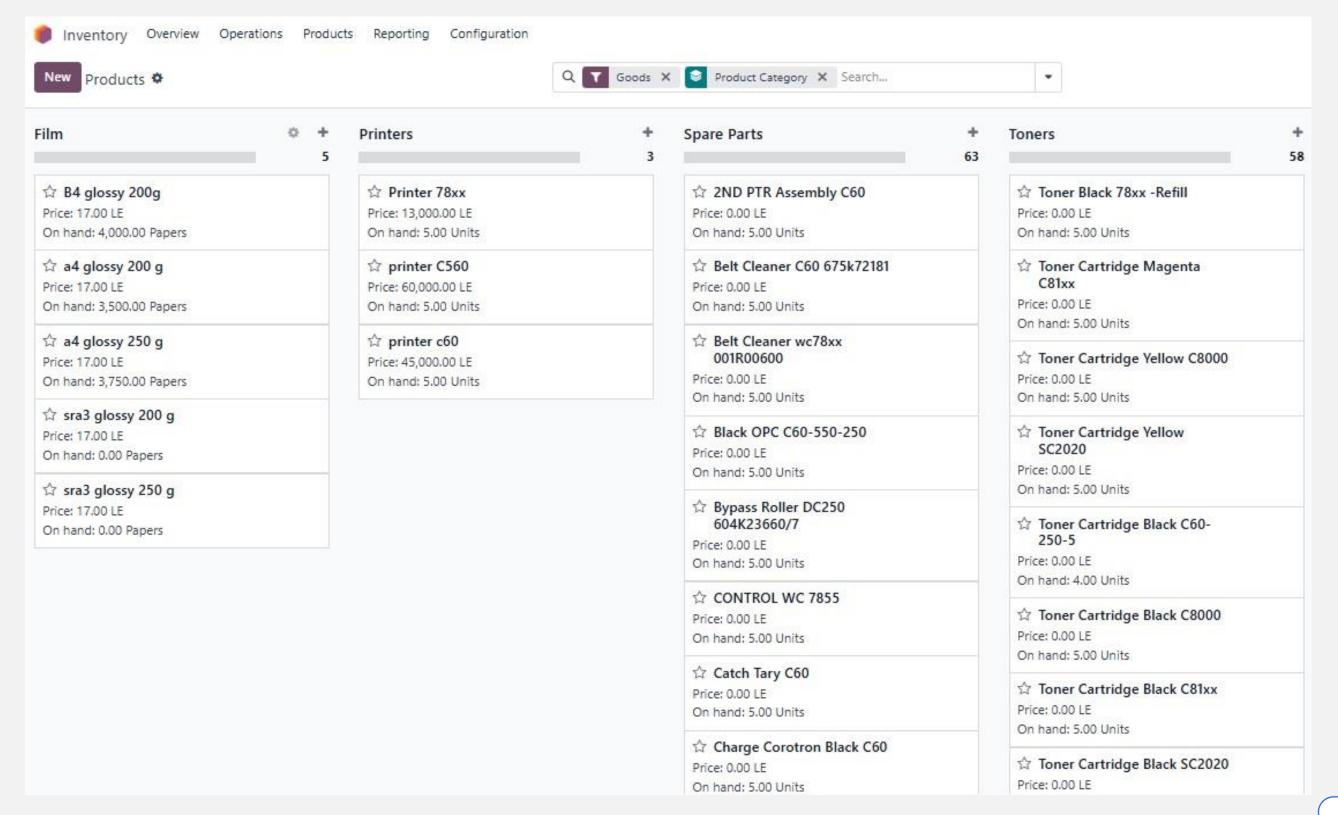
Problem Statement:

XMPS currently uses QuickBooks & Excel for accounting and warehouse management. However, the company faces challenges in accurately determining expenses for each client due to limitations in tracking costs associated with machine maintenance, consumables, and spare parts usage per client. This lack of precise expense allocation affects financial reporting, cost control, and profitability analysis. To address these challenges, Odoo will be implemented to provide a more integrated and detailed expense tracking system, ensuring better cost visibility, improved financial management, and enhanced decision-making.

Purchase Module:

Vendors Products Purchase Agreements Units of Measure





Agreement

PT00001

Reference Vendor e.g. PO0025

Operation Type Assiut Warehouse: Receipts Buyer Ahmed Diab

Agreement Type Purchase Template

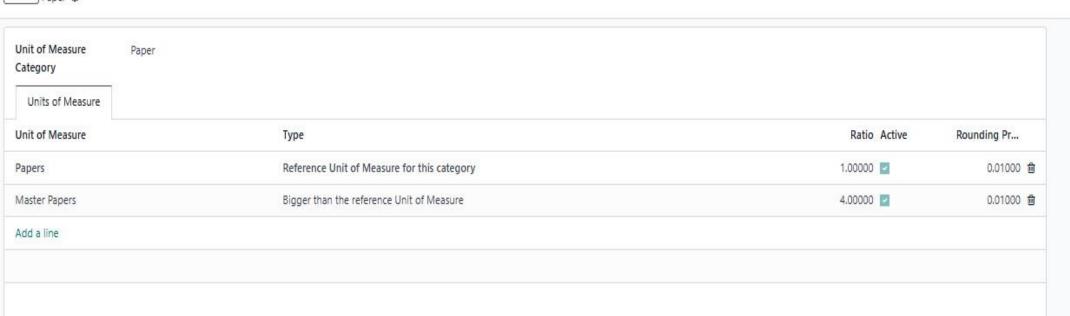
Cancel

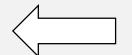
Products

Product	Description	Quantity UoM	Unit Price 韋
a4 glossy 200 g		1,000.00 Master Papers	4.00 億
a4 glossy 250 g		1,000.00 Master Papers	4.00 億
B4 glossy 200g		1,000.00 Master Papers	4.00 億

Add a line

Units of Measure Categories New Paper 🌣





Purchase Template



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Inventory Module: Warehouse Management

Cairo & Assiut & Hospital

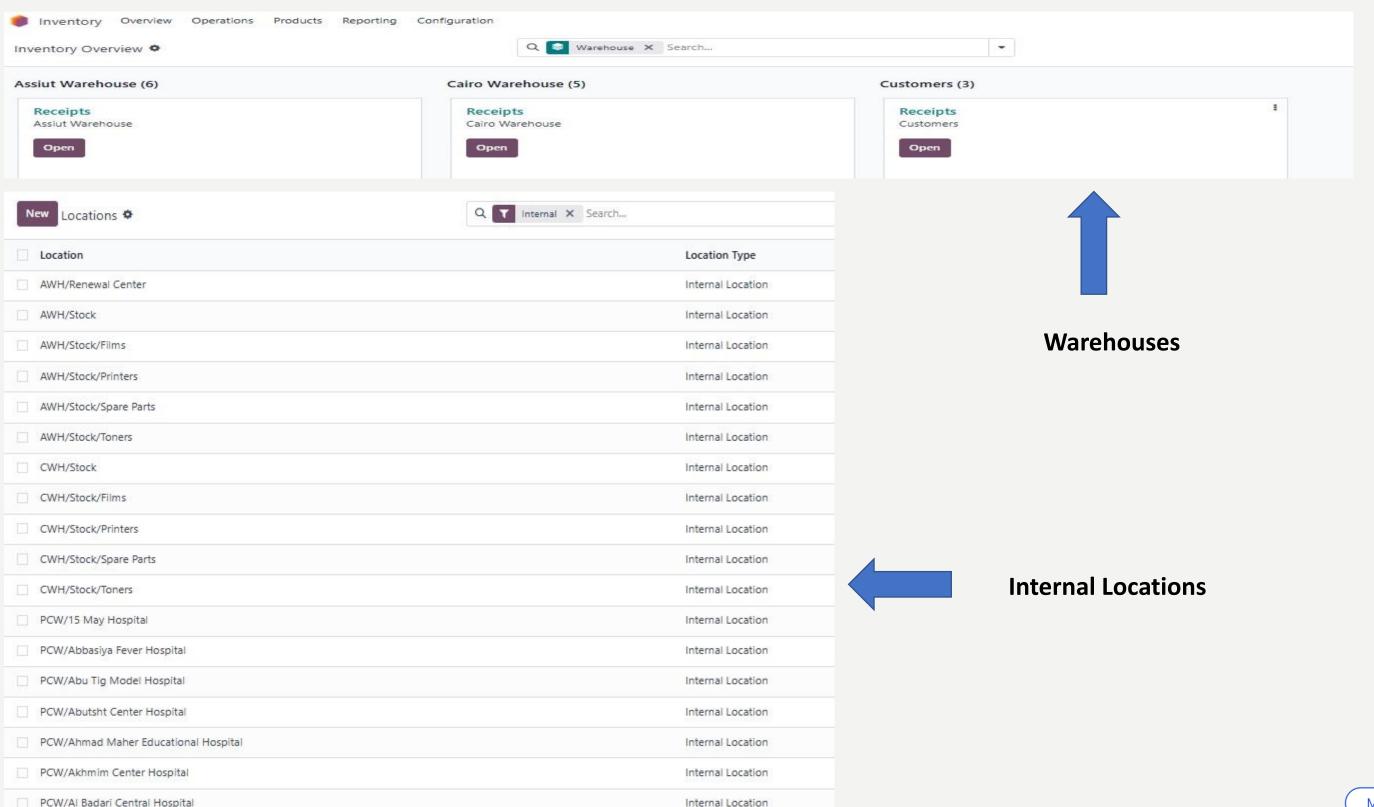
Manage warehouse locations.

Warehouse

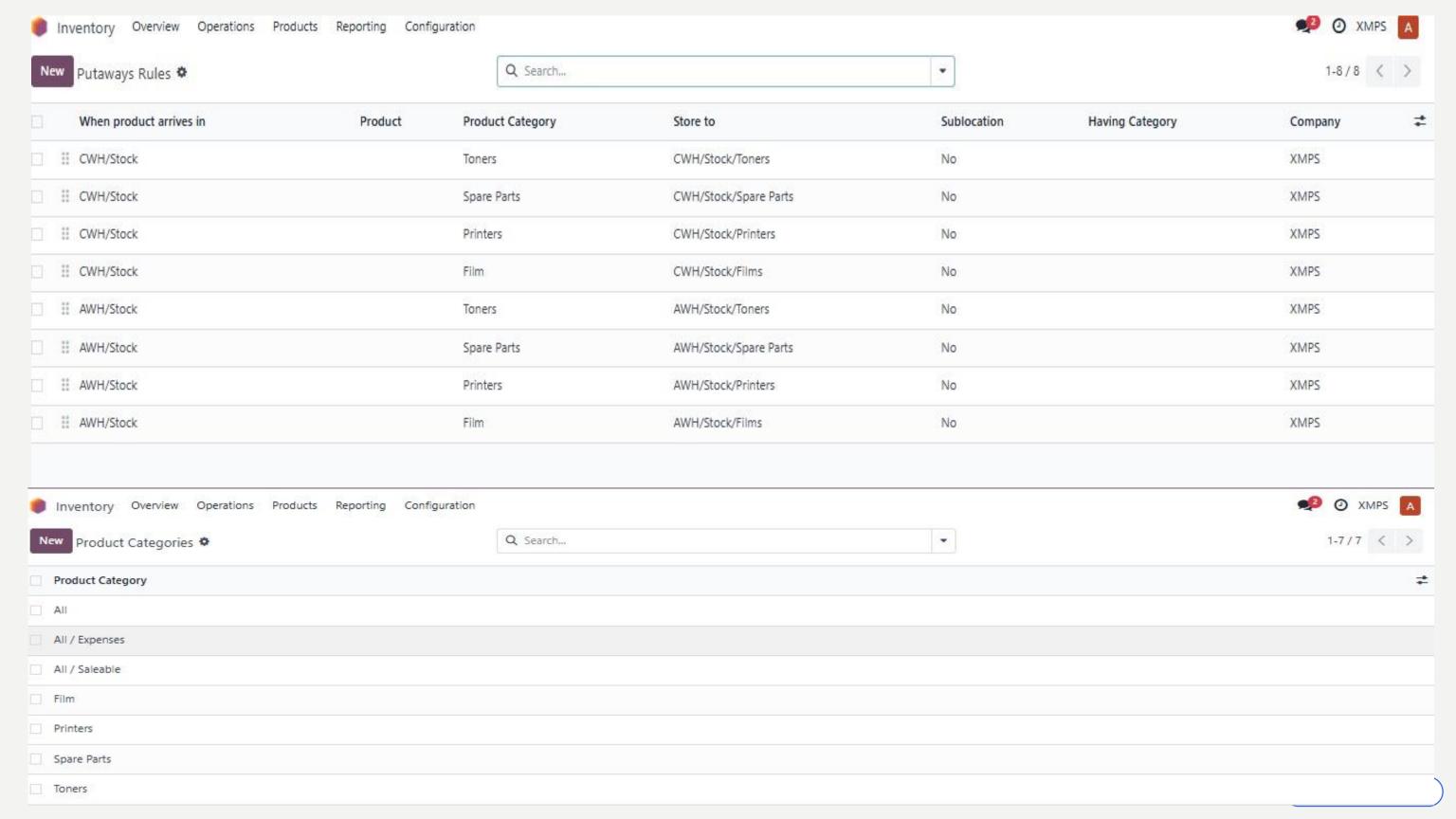
Film, printers, spare parts, toners & Hospital

Putaway Rules

Efficient stock placement.



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Inventory: Virtual Locations & Product Categories

3 4

Maintenance Account

Spare parts & toner tracking.

Printer Renewal

Renewal of depreciated assets.

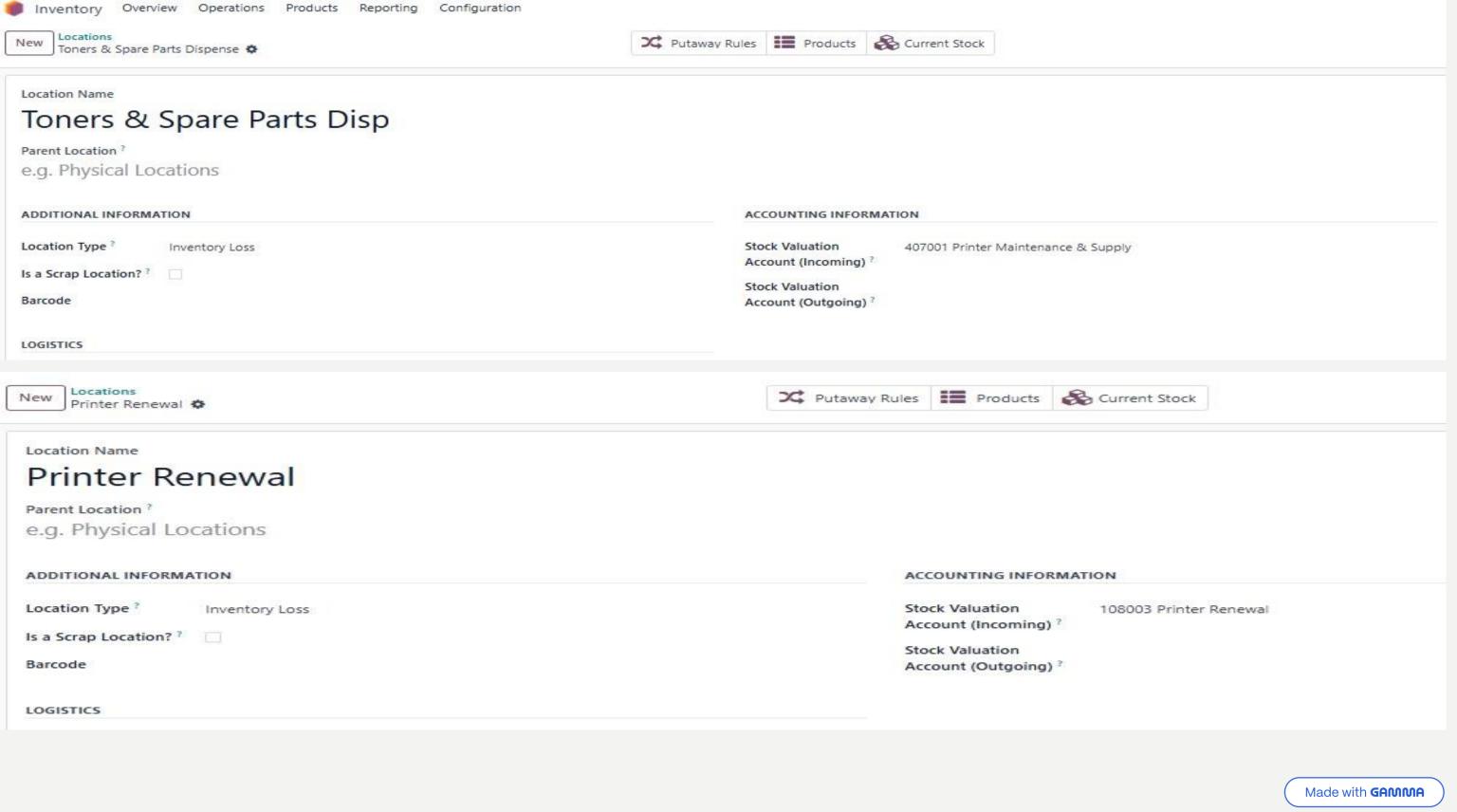
Categories

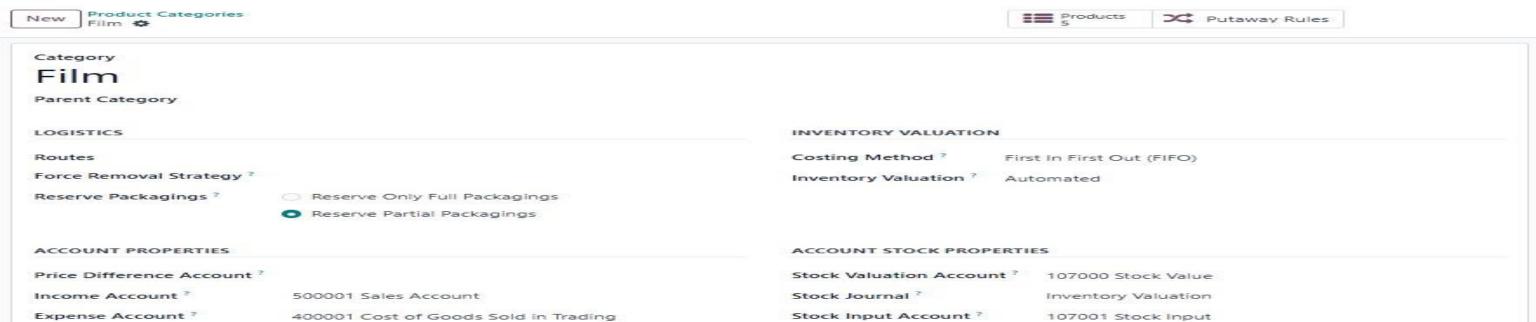
Film, Printers, Spares, Toner.

Tracking serial number

For printers

Product Packagings





Stock Output Account ?

INVENTORY VALUATION

Costing Method?

Inventory Valuation?

New Product Categories
Printers 🌣

Downpayment Account?

Products Putaway Rules

107002 Stock Output

Set other input/output accounts on specific locations .

Standard Price

Manual

Printers

Parent Category

Downpayment Account?

LOGISTICS	
Routes	
Force Removal Strategy ²	
Reserve Packagings?	Reserve Only Full Packagings
	 Reserve Partial Packagings
ACCOUNT PROPERTIES	
Income Account ?	508001 Printer Asset Revenue
Expense Account ?	108001 Printers

Spare Parts

Parent Category

LOGISTICS

Routes

Force Removal Strategy ?

Reserve Packagings ?

Reserve Only Full Packagings

Reserve Partial Packagings

508001 Printer Asset Revenue

ACCOUNT PROPERTIES

Price Difference Account?

Income Account ?

Expense Account ² 407001 Printer Maintenance & Supply

Downpayment Account?

INVENTORY VALUATION

Costing Method ? First In First Out (FIFO)

Inventory Valuation ? Automated

ACCOUNT STOCK PROPERTIES

Stock Valuation Account ? 107000 Stock Value

Stock Journal ? Inventory Valuation

Stock Input Account ? 107001 Stock Input

Stock Output Account ? 107002 Stock Output

Set other input/output accounts on specific locations .

New Product Categories
Toners 🌣

Products 58 Putaway Rules

Category

Toners

Parent Category

LOGISTICS

Routes

Force Removal Strategy?

Reserve Packagings ?

Reserve Only Full Packagings

Reserve Partial Packagings

ACCOUNT PROPERTIES

Price Difference Account?

Income Account [?] 508001 Printer Asset Revenue

Expense Account 2 407001 Printer Maintenance & Supply

Downpayment Account?

INVENTORY VALUATION

Costing Method ? First In First Out (FIFO)

Inventory Valuation ⁷ Automated

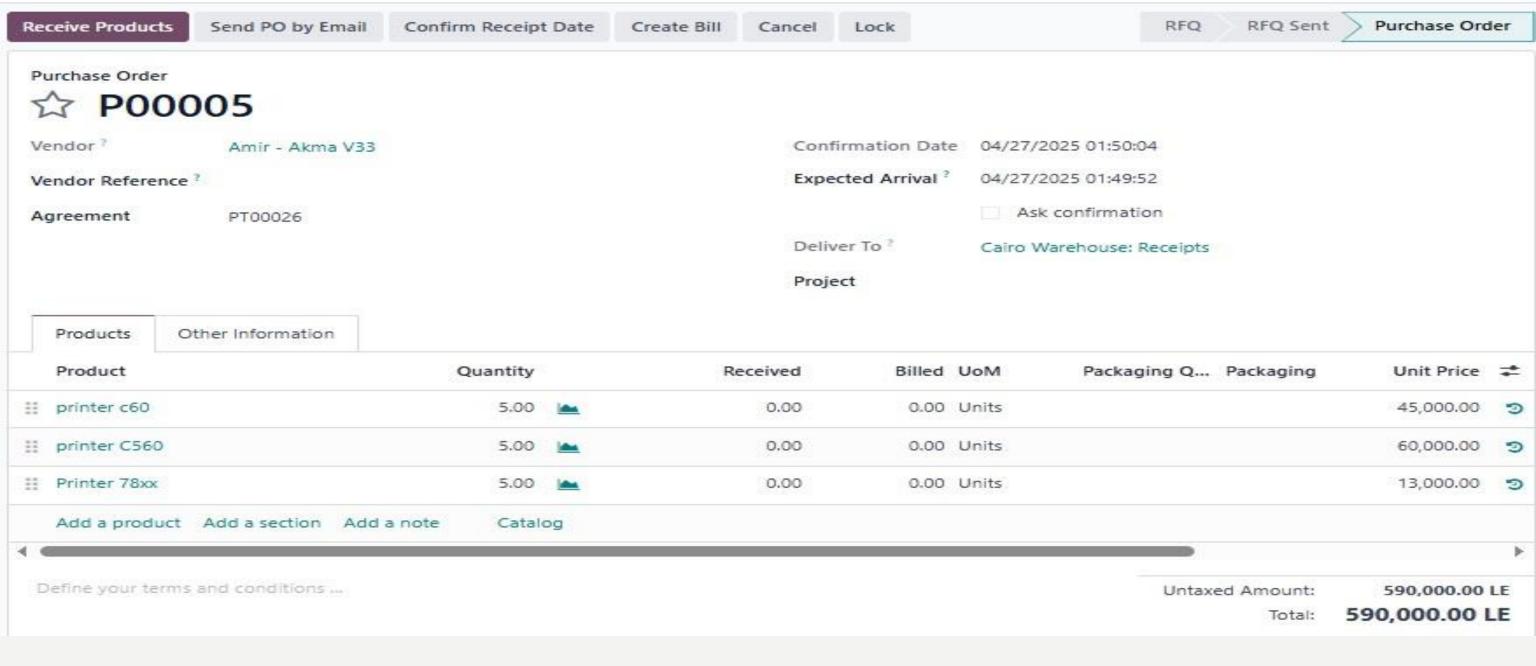
ACCOUNT STOCK PROPERTIES

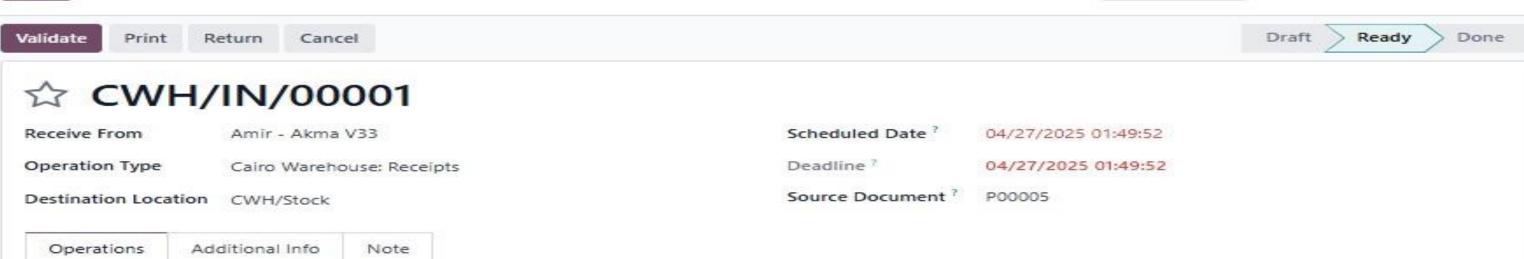
Stock Valuation Account ? 107000 Stock Value

Stock Journal 2 Inventory Valuation

Stock Input Account ? 107001 Stock Input

Stock Output Account 2 107002 Stock Output





F-5									
Operations	Additional Info	Note							
Product		Packa	ging	Demand		Quantity	Unit		±
printer c60				5.00	-	5.00	Units	=	Đ
printer C560				5,00	-	5.00	Units	I	Û
Printer 78xx				5.00	Jan.	5.00	Units	100	ô

Open: Stock move				~ ×
Product printer c60				
Demand ? 5.00 Units				
Generate Serials/Lots	mport Serials/Lots			
Lot/Serial Number	Store To	Quantity	Unit of Measure	
C600006SN	CWH/Stock/Printers	1.00	Units	(ii
C600007SN	CWH/Stock/Printers	1.00	Units	B
C600008SN	CWH/Stock/Printers	1.00	Units	•
C600009SN	CWH/Stock/Printers	1.00	Units	0
C600010SN	CWH/Stock/Printers	1,00	Units	a
Add a line				
		5.00		

5.00

Detailed Operations 🌣

Q Search...

Product	Lot/Serial Number	То	Quantity Unit of Measure
printer c60	C600006SN	CWH/Stock/Printers	1.00 Units
printer c60	C600007SN	CWH/Stock/Printers	1.00 Units
printer c60	C600008SN	CWH/Stock/Printers	1.00 Units
printer c60	C600009SN	CWH/Stock/Printers	1.00 Units
printer c60	C600010SN	CWH/Stock/Printers	1.00 Units
printer C560	C5600006SN	CWH/Stock/Printers	1.00 Units
printer C560	C5600007SN	CWH/Stock/Printers	1.00 Units
printer C560	C5600008SN	CWH/Stock/Printers	1.00 Units
printer C560	C5600009SN	CWH/Stock/Printers	1.00 Units
printer C560	C56000095N	CWH/Stock/Printers	1.00 Units
Printer 78xx	78XX0006SN	CWH/Stock/Printers	1.00 Units
Printer 78xx	78XX0007SN	CWH/Stock/Printers	1.00 Units
Printer 78xx	78XX0008SN	CWH/Stock/Printers	1.00 Units
Printer 78xx	78XX0009SN	CWH/Stock/Printers	1.00 Units
Printer 78xx	78XX0010SN	CWH/Stock/Printers	1.00 Units

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Requests for Quotation / P00005 BILL/2025/04/0008 *





Print

New

Pay

Credit Note

Reset to Draft

Draft

Posted

Vendor Bill

BILL/2025/04/0008

Vendor

Amir - Akma V33

Egypt

Bill Reference

Bill Date 04/27/2025

Accounting Date 04/27/2025

Payment Reference?

Use Bill Reference

Recipient Bank?

Due Date 04/27/2025

Vendor Bills Journal

Invoice Lines Journal Items Other Info

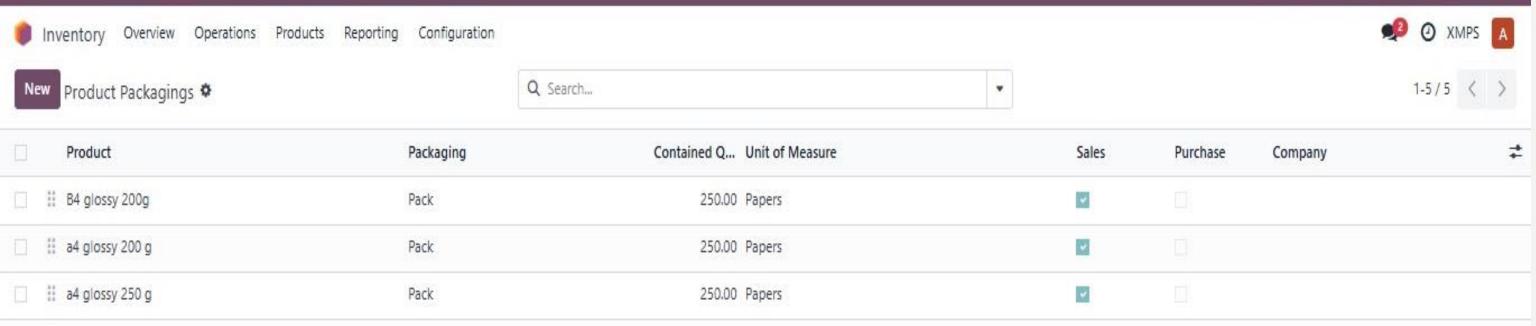
Product	Account	Analytic	Quantity	UoM	Price	Taxes	Amount	=
printer c60	108001 Printers		5.00	Units	45,000.00		225,000.00 LE	
printer C560	108001 Printers		5.00	Units	60,000.00		300,000.00 LE	
Printer 78xx	108001 Printers		5.00	Units	13,000.00		65,000.00 LE	

Terms and Conditions

Untaxed Amount:

590,000.00 LE

590,000.00 LE



250.00 Papers

250.00 Papers

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☐ ∰ sra3 glossy 200 g

sra3 glossy 250 g

Pack

Pack



Expenses & Employee Management



Expense Category

Technician Visits.



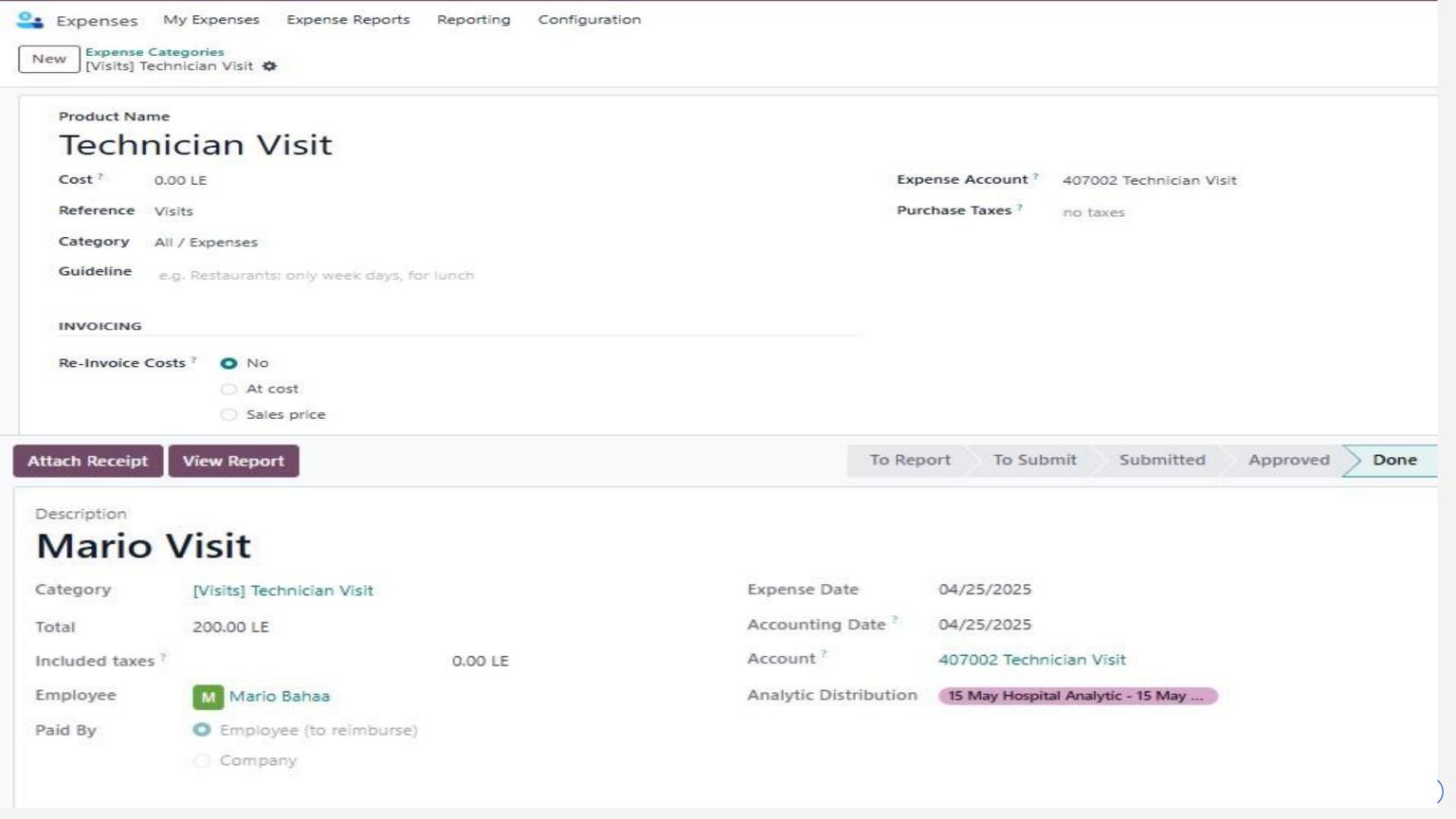
Employee Creation

Technician profiles.



Project Assignment

Task tracking.

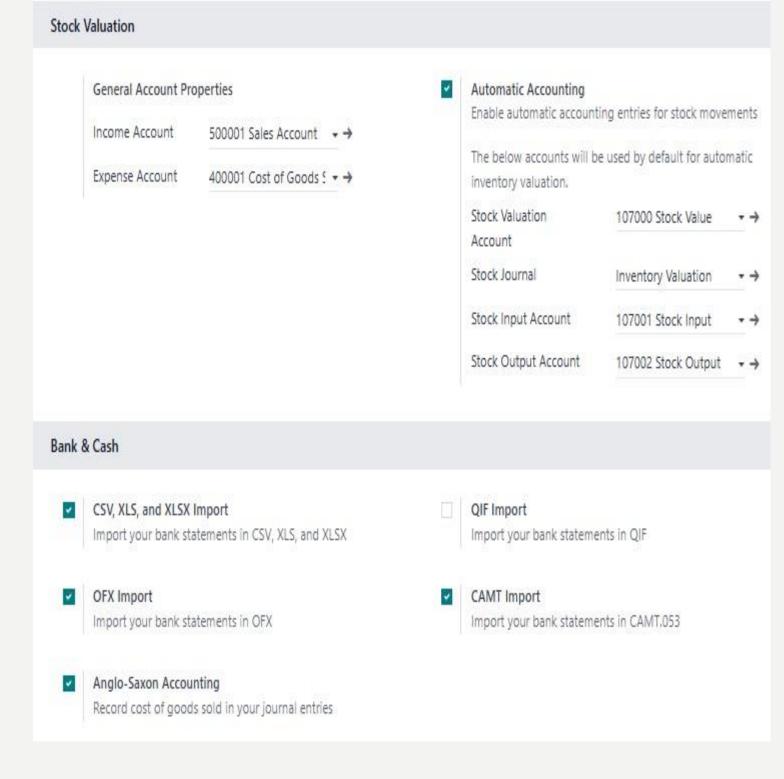


Accounting:



Asset Model

A	В	from the cell porder.		
Account Name	Allow Reconciliation	Code	Туре	
Printers	FALSE	108001	Fixed Assets	
Accumulated Depreciation of Printers	FALSE	108002	Fixed Assets	
Printer Depreciation Expense	FALSE	408001	Depreciation	
Stock Value	FALSE	107000	Current Assets	
Stock Input	TRUE	107001	Current Assets	
Stock Output	TRUE	107002	Current Assets	
Printer Asset Revenue	FALSE	508001	Other Income	
Printer Renewal	FALSE	108003	Current Assets	
Printer Maintenance & Supply	FALSE	407001	Expense	
Technician Visit	FALSE	407002	Expense	
Owner's Equity	FALSE	301001	Equity	
Cario Cash	FALSE	105002	Bank and Cash	
Cairo Cash Difference Loss	FALSE	999003	Expense	
Cario Cash Difference Gain	FALSE	999004	Income	
Inventory Loss	FALSE	407003	Expenses	
Inventory Increase	FALSE	508002	Income	



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New Journals 🌣	Q Search		•
Journal Name	Туре	Short Code	Default Account
	Miscellaneous	TA	
	Sales	INV	500001 Sales Account
	Purchase	BILL	400028 Others
Bank	Bank	BNK1	101001 Bank
	Miscellaneous	MISC	
Exchange Difference	Miscellaneous	EXCH	
	Miscellaneous	CABA	
	Cash	CSH1	105001 Assiut Cash
IFRS 16	Miscellaneous	IFRS	
	Miscellaneous	LTS LTS	
	Cash	CSH2	105002 Cario Cash
	Miscellaneous	PAJ	

Journal Name

Assiut Cash

Type? Cash

Journal Entries Incoming Payments Outgoing Payments Advanced Settings

ACCOUNTING INFORMATION

Cash Account 105001 Assiut Cash

Suspense Account? 201001 Bank Suspense Account

Profit Account ⁷ 999002 Assiut Cash Difference Gain

Loss Account [?] 999001 Assiut Cash Difference Loss

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Dedicated Payment

Sequence?

Short Code 2 CSH1

Journal Name

Assiut Cash

Type? Cash

	Journal Entries	Incoming Payments	Outgoing Payments	Advanced Settings	
	Payment Method	1	Name	Outstanding R	eceipts accounts
:	Manual Payment	P	Manual Payment	105001 Assiut	Cash

Journal Name

Assiut Cash

Type? Cash

	Journal Entries	Incoming Payments	Outgoing Payments	Advanced Settings		
	Payment Method		Name	Outstanding Payments accounts		
::	Manual Payment		Manual Payment	10	5001 Assiut Cash	

Journal Name

Cairo Cash

Type? Cash

Journal Entries Incoming Payments Outgoing Payments Advanced Settings

ACCOUNTING INFORMATION

Cash Account 105002 Cario Cash

Suspense Account 201001 Bank Suspense Account

Profit Account ? 999004 Cairo Cash Difference Gain

Loss Account [?] 999003 Cario Cash Difference Loss

Dedicated Payment

Sequence?

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Short Code ? CSH2

Journal Name

Cairo Cash

Type? Cash

Journal Entries Incoming Payments Outgoing Payments Advanced Settings

Payment Method Name Outstanding Receipts accounts

Journal Name

Cairo Cash

Type ? Cash

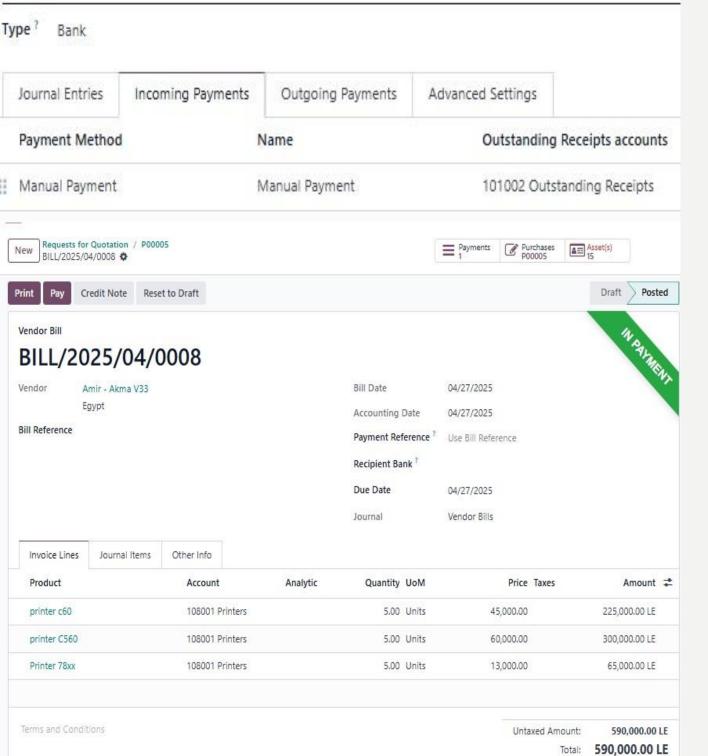
Journal Entries Incoming Payments Outgoing Payments Advanced Settings

Payment Method Name Outstanding Payments accounts

Manual Payment 105002 Cario Cash

Journal Name

Bank

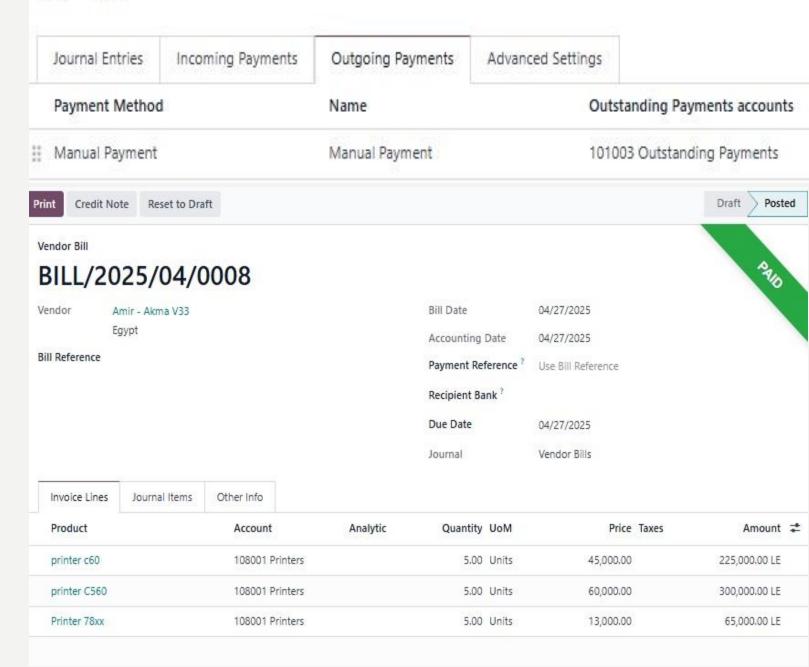


Journal Name

Bank

Type? Bank

Terms and Conditions



Untaxed Amount:

590,000.00 LE

590,000.00 LE

Printer Model



Account Name
Printers

Accounting Automation

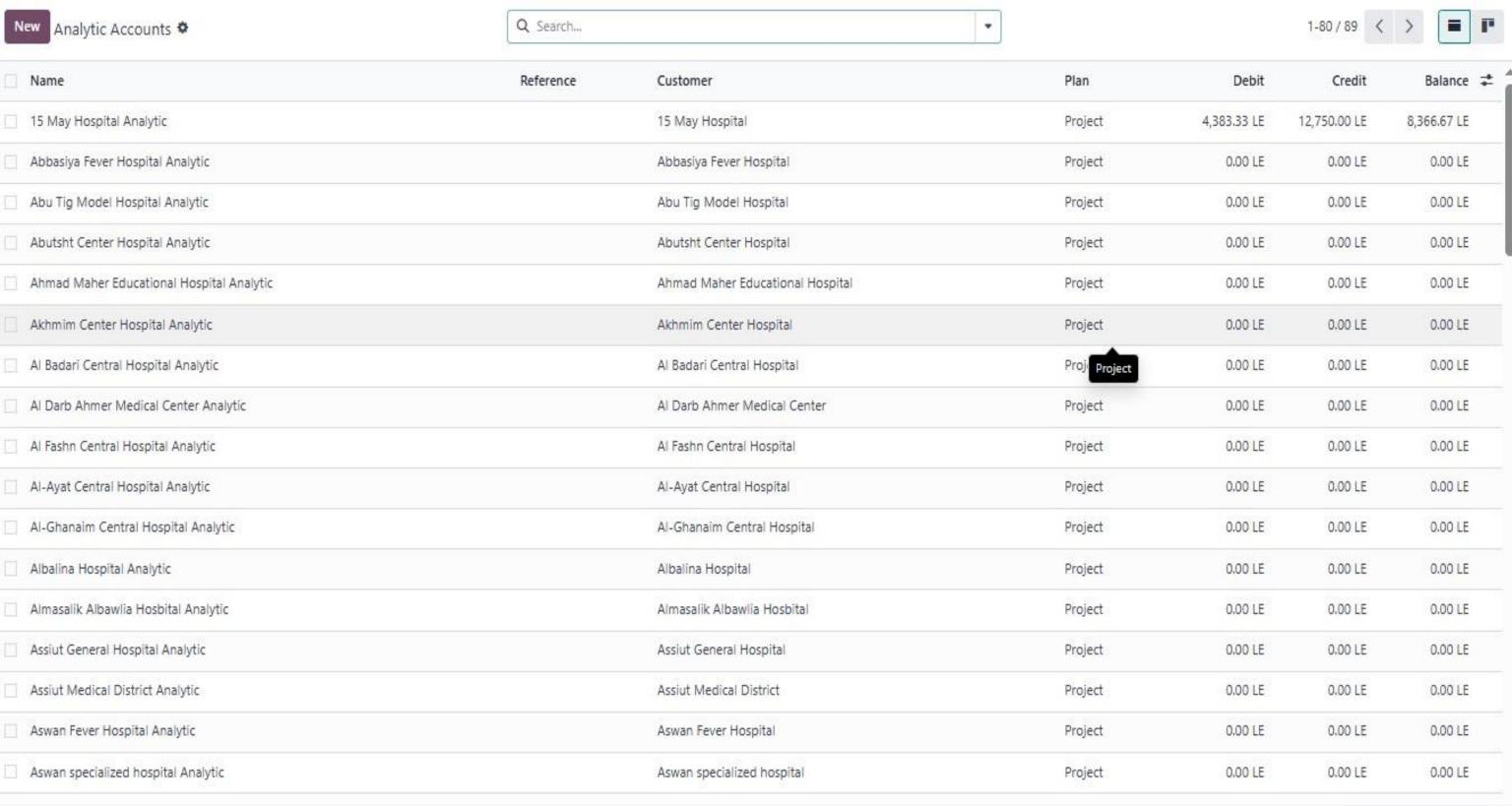
Automate Asset No

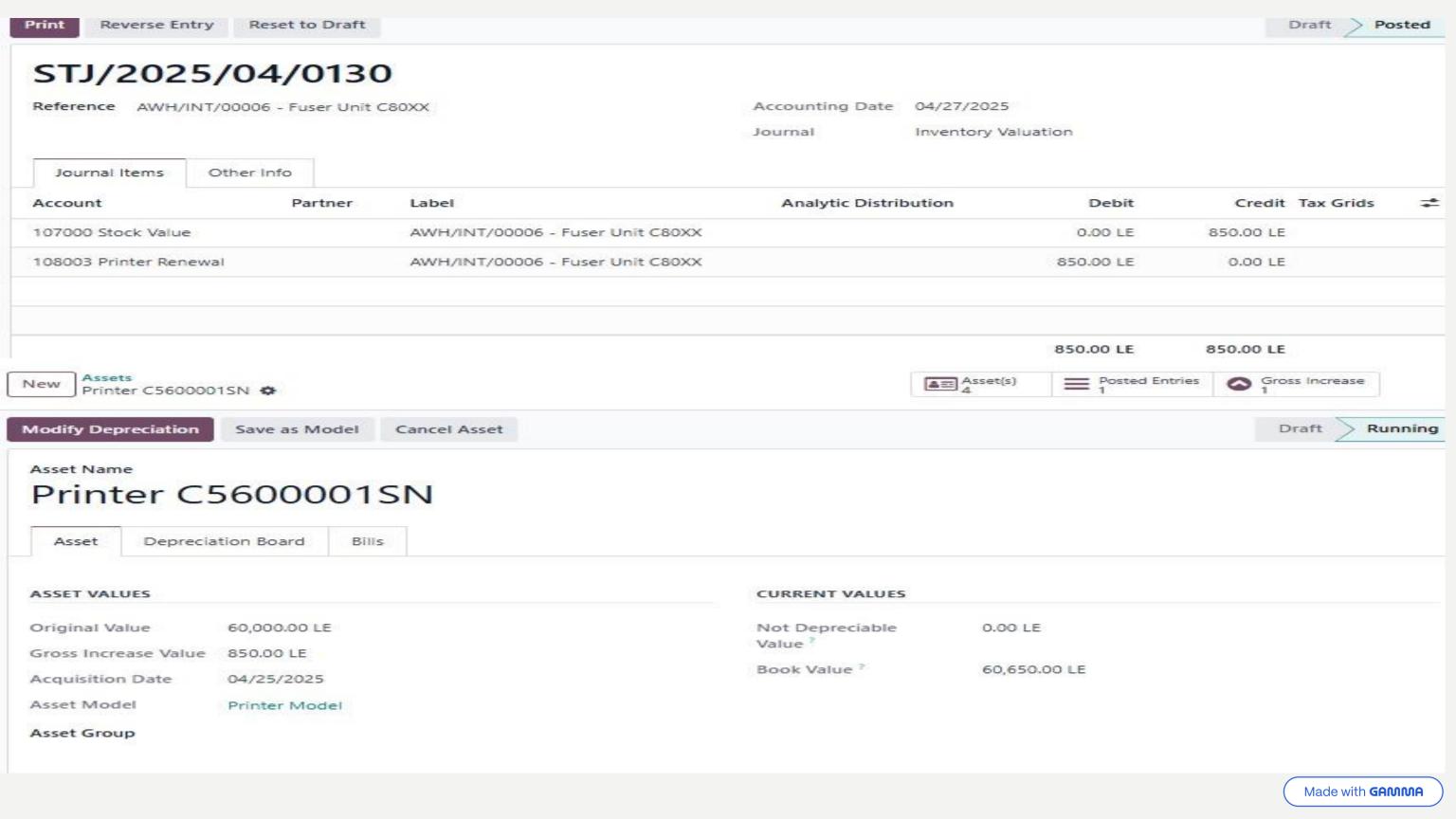
Create in draft
Create and validate

Manage Items?

Asset Model?

Printer Model ×





Sales Module: Customer & Price Management



Customers

Client database.



Price Lists

Multiple pricing tiers.

Hospitals

Country Groups

Price Rules

Apply on	Price	Min. Quantity Start Date	End Date
Category: Film	17.00 LE	0.00	û

Add a line

Private Hospitals & Centers

Country Groups

Price Rules

2.30% (Sept. 2002 2005)				
Apply on	Price	Min. Quantity Start Date	End Date	
Category: Film	0 % discount on Hospitals (EGP) + 3.00 LE extra fee	0.00		⑩

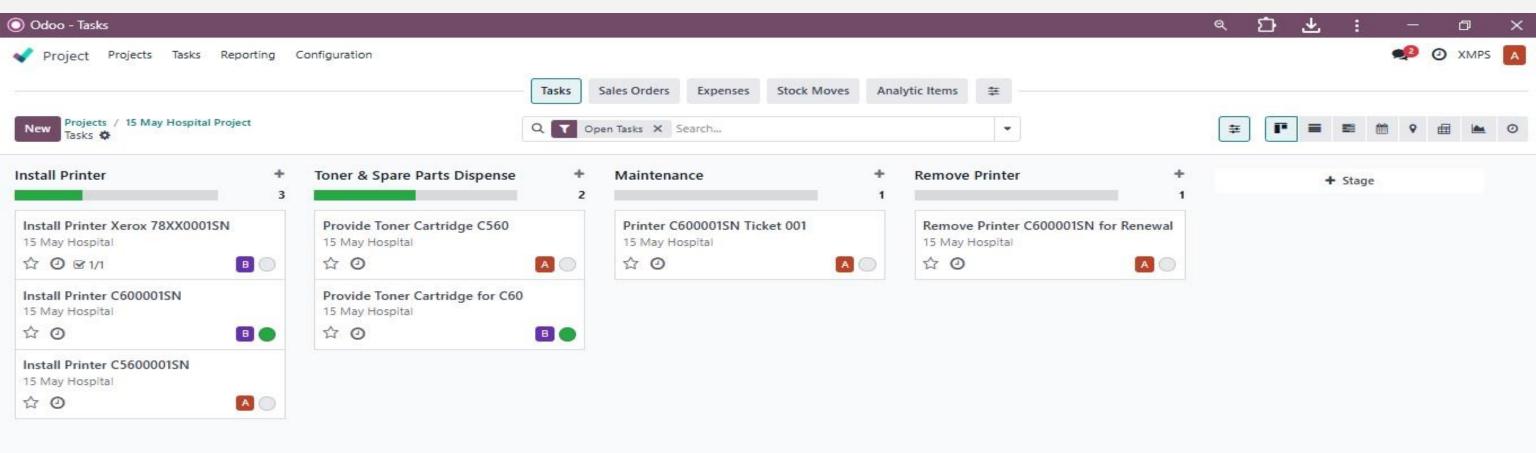
Add a line



Project Management: Task Stages & Analytics



Task Stages



Analytic Account For Specific Project







