

PharmaERP

From zero to a working system in five minutes

Multi-branch pharmaceutical wholesale ERP — real accounting, FEFO lots, compliance



our technology at your hand

Version 1.0 — Phase 8

Step

This guide takes you from zero to a running PharmaERP with demo data in under five minutes — then shows you the first workflow every pharmacy uses: receive stock and sell it. The same steps work with MariaDB for production; here we use the SQLite demo mode so nothing else has to be installed.

What you need

- The pharma-erp package (this folder) on PHP 8.2+
- A terminal — that's it; no database server required

PharmaERP installs in the browser, like WordPress. Upload the package — or serve it locally — and open the URL: the wizard takes over, checking the server requirements (PHP 8.2+, PDO, Sodium/OpenSSL, mbstring) before anything is written.

```
php -S 0.0.0.0:8000 -t public  
# then open http://127.0.0.1:8000
```

No terminal? Unzip the package into your Apache web folder instead — e.g. XAMPP's htdocs — and open `http://localhost/pharma-erp/`: the same wizard starts and the ERP runs happily in that sub-folder next to your other projects, today and when you later host it as `https://yourcompany/erp`.

Choose SQLite (demo / learning) or MariaDB/MySQL (production — the wizard creates the database and stores the credentials in `.env` on your server). Enter your company name and the administrator login, tick the demo dataset, press Install — tables, base data and plugins are set up for you.

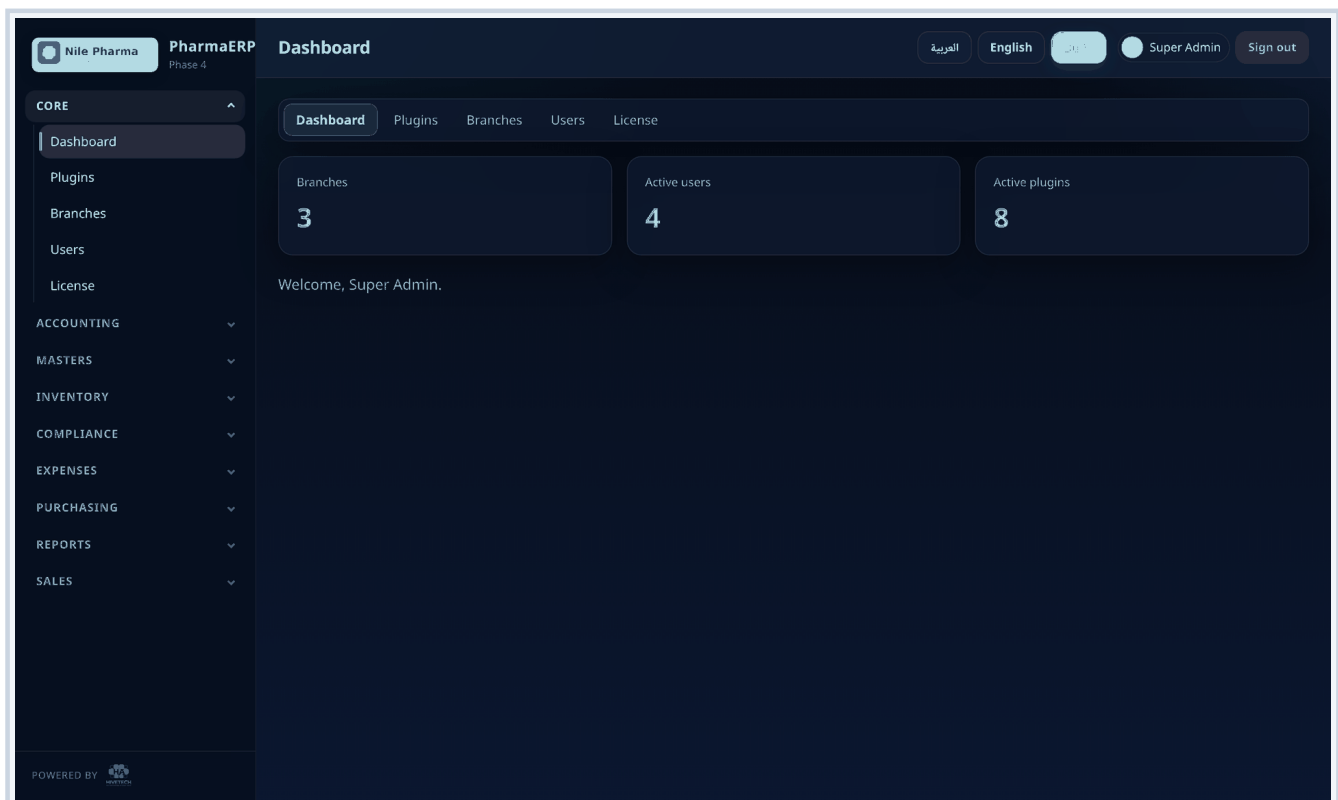
i Hosts with shell access can use the equivalent CLI: `php bin/console install --demo`. See the full user manual, chapter 2, for both paths.

Step 2 — Start and log in

```
php bin/console serve
```

Open <http://127.0.0.1:8080> in your browser. Log in with one of the demo users:

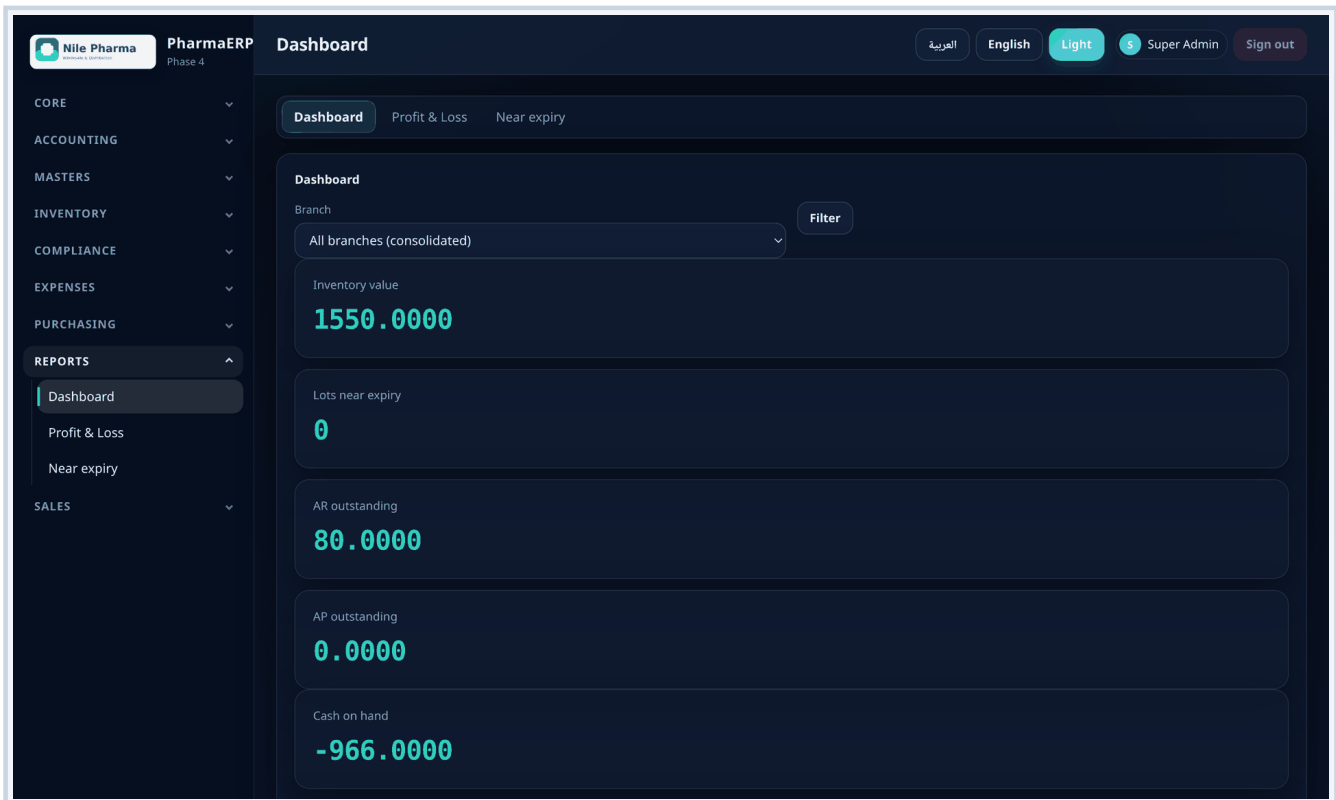
User	Password	Role
admin@pharma.local	admin123	Super Admin — full access
pharmacist@pharma.local	pharm123	Pharmacist — second authorizer for controlled items
br01@pharma.local	branch123	Branch Admin — locked to BR01 Khartoum
br02@pharma.local	branch123	Branch Admin — locked to BR02 Omdurman



The login screen with the demo admin pre-filled.

i These credentials exist for evaluation only. When you install for real, the installer asks for your own admin email and password.

Step 3 — Find your way around



The dashboard: inventory value, cash, receivables, payables, monthly sales and expenses.

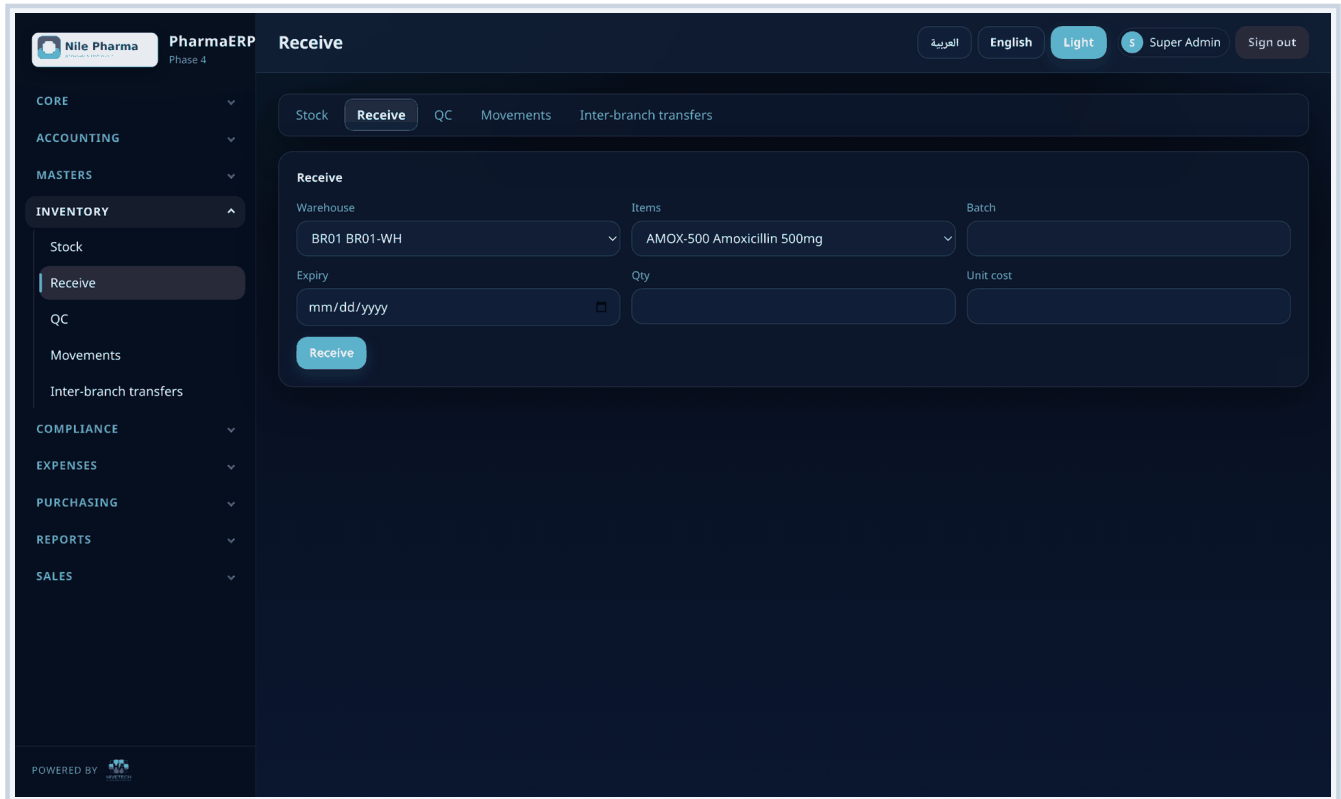
The sidebar groups the modules: Masters, Inventory, Purchasing, Sales, Expenses, Compliance, Accounting and Reports. The top bar switches language (Arabic/English) and light/dark theme. Every number on the dashboard comes from the general ledger. Stock is held as lots with expiry dates, and issuing is FEFO (first-expiry, first-out).

PharmaERP is multi-branch by design: the demo runs three branches (Khartoum, Omdurman, Main Office), every document belongs to a branch, and every report opens consolidated with a branch filter - see Core - Branches and chapter 4 of the user manual.

Step 4 — First workflow: stock in, stock out

Receive goods

Inventory -> Receive: pick the branch warehouse, the item, a batch number, expiry date, quantity and unit cost. The lot arrives in quarantine; release it from Inventory -> Quality control.

The screenshot shows the 'PharmaERP' interface with a dark theme. On the left is a sidebar menu with categories: CORE, ACCOUNTING, MASTERS, INVENTORY (expanded), COMPLIANCE, EXPENSES, PURCHASING, REPORTS, and SALES. Under 'INVENTORY', 'Receive' is selected. The main area is titled 'Receive' and has tabs for 'Stock', 'Receive' (active), 'QC', 'Movements', and 'Inter-branch transfers'. The 'Receive' form contains fields for 'Warehouse' (BR01 BR01-WH), 'Items' (AMOX-500 Amoxicillin 500mg), 'Batch' (empty), 'Expiry' (mm/dd/yyyy), 'Qty' (empty), and 'Unit cost' (empty). A 'Receive' button is at the bottom left of the form. The top right of the interface shows language options (العربية, English, Light), a user profile (Super Admin), and a 'Sign out' button. The bottom left corner says 'POWERED BY' with a logo.

Receiving a lot into the warehouse.

Sell it

Sales -> Invoices -> new invoice: choose the customer (or walk-in cash), add lines — quantities can be in any unit of the item — and post. PharmaERP picks the first-expiring lots, books revenue, cost of goods sold and VAT to the ledger, and prints the document number (e.g. BR01-SINV-000001).

PharmaERP

Phase 4

CORE

ACCOUNTING

MASTERS

INVENTORY

COMPLIANCE

EXPENSES

PURCHASING

REPORTS

SALES

Invoices

Receipts

Returns

AR ageing

العربية

English

Light

\$ Super Admin

Sign out

Invoices

Receipts

Returns

AR ageing

Branch

Status

Filter

Number	Date	Customer	Type	Subtotal	Tax	Total	Paid	Status
BR01-SINV-000003	2026-10-01 10:03:40	Omdurman Hospital	Cash	440.0000	0.0000	440.0000	0.0000	Posted
BR01-SINV-000002	2026-10-01 10:03:40	Omdurman Hospital	Cash	44.0000	0.0000	44.0000	0.0000	Posted
BR01-SINV-000001	2026-10-01 10:03:40	Khartoum Pharmacy	Credit	180.0000	0.0000	180.0000	100.0000	Posted

New invoice

Branch

BR01 Khartoum

Customer

CLN-EXP — Expired License Clinic

Type

Credit

Due date

mm/dd/yyyy

Item

Qty

Unit price

Sales invoices — the demo dataset already contains a credit and a cash sale.

Controlled item? Two people, always

Selling a controlled item (like morphine) asks for a second authorizer — log in as pharmacist@pharma.local in another window, or have them authorize on the spot. The narcotics register (Compliance -> Narcotics) records the issue with a running balance.

Step 5 — Read the results

The screenshot shows the PharmaERP interface with the 'Profit & Loss' report selected. The left sidebar lists various modules: CORE, ACCOUNTING, MASTERS, INVENTORY, COMPLIANCE, EXPENSES, PURCHASING, REPORTS (with 'Profit & Loss' highlighted), and SALES. The top navigation bar includes language options (العربية, English, Light), a user profile (Super Admin), and a 'Sign out' button. The report header shows 'Dashboard', 'Profit & Loss', and 'Near expiry'. The main content area displays the 'Profit & Loss' report for 'All branches (consolidated)' from '01/01/2026' to '10/01/2026'. The report table has columns for Account, Name, Debit, Credit, and Balance. It shows revenue accounts: Sales Revenue (4100) with a credit of 664.0000 and Sales Returns (4200) with a credit of 0.0000. The total revenue is 664.0000.

Account	Name	Debit	Credit	Balance
4100	Sales Revenue	0.0000	664.0000	664.0000
4200	Sales Returns	0.0000	0.0000	0.0000
	Total revenue			664.0000

Profit & loss: revenue, COGS, gross margin, operating expenses — per branch or consolidated.

Open Reports -> P&L to see the demo day's profit. The trial balance and balance sheet (Accounting) are always in balance because every document writes its own journal entry.

The screenshot shows the PharmaERP interface with the 'Trial Balance' report selected. The left sidebar lists various modules: CORE, ACCOUNTING (with 'Trial Balance' highlighted), MASTERS, INVENTORY, COMPLIANCE, EXPENSES, PURCHASING, REPORTS, and SALES. The top navigation bar includes language options (العربية, English, Light), a user profile (Super Admin), and a 'Sign out' button. The report header shows 'Chart of Accounts', 'Journals', 'Trial Balance', 'General Ledger', 'Income Statement', and 'Balance Sheet'. The main content area displays the 'Trial Balance' report for 'All branches (consolidated)' from 'mm/dd/yyyy' to 'mm/dd/yyyy'. The report table has columns for Code, Name, Debit, Credit, and Balance. It shows various accounts: Cash on Hand (1110), Bank (1120), Accounts Receivable (1130), Inventory (1140), VAT Input (1150), Accounts Payable (2110), VAT Output (2120), GRNI Clearing (2130), Capital (3100), Retained Earnings (3200), and Sales Revenue (4100). The total debits and credits are balanced at 664.0000.

Code	Name	Debit	Credit	Balance
1110	Cash on Hand	584.0000	1550.0000	-966.0000
1120	Bank	0.0000	5900.0000	-5900.0000
1130	Accounts Receivable	180.0000	100.0000	80.0000
1140	Inventory	1210.0000	310.0000	900.0000
1150	VAT Input	0.0000	0.0000	0.0000
2110	Accounts Payable	960.0000	1150.0000	190.0000
2120	VAT Output	0.0000	0.0000	0.0000
2130	GRNI Clearing	750.0000	810.0000	60.0000
3100	Capital	0.0000	0.0000	0.0000
3200	Retained Earnings	0.0000	0.0000	0.0000
4100	Sales Revenue	0.0000	664.0000	664.0000

Trial balance — balanced by construction.

Where to go next

- Full user manual (this package, docs/manuals/) — every module in depth
- docs/demo-mode.md — what demo mode is and how to move to MariaDB production
- docs/install.md — installer flags, packaging, optional add-ons
- `php bin/console db:wipe && php bin/console demo` — reset and reload the demo data at any time

PharmaERP — PharmaERP Quick Start

From zero to a working system in five minutes



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