EXACT CONTROL OF STOCK MOVEMENT

Pharmacy

&nInventory

Traceable locations, batches and controlled release from warehouse to dispensary.

PROFESSIONAL EDITION

USD 4,900

Software-only price

Batch-aware inventory engineeringnfor location-led pharmacy operations

A specialised operational system for pharmacy managers, storekeepers, purchasing teams, dispensary staff and accountants who need the item, unit, batch, expiry state and storage location to remain connected as stock moves.

Its field-guide structure follows the operational chain: establish the medicine and location record; receive and inspect; select eligible batches by FEFO; issue, return, transfer or dispose with accountable evidence; then explain exceptions instead of hiding them.

PLACE

Location-code discipline

Warehouse, branch, room, shelf and bin records give a stock movement an accountable destination.

BATCH

State before quantity

Lot, expiry and hold status determine whether a balance is eligible, not merely how much is on hand.

EVIDENCE

Reasoned correction

Counts, returns, quarantine and disposal preserve the transaction story rather than permitting raw edits.

RECORD FOUNDATION

Make every unit locatable

A medicine balance is most useful when the commercial, dosage, pack and physical-location records point to the same controlled stock story.

Medicine master fields

IDENTITY

Trade and generic name, ingredient, manufacturer, GTIN or local barcode.

FORM

Strength, dosage form, pack definition and pack-to-unit conversion.

COMMERCIAL

Supplier, authorised purchase and sale prices, discount authority and reorder threshold.

STORAGE

Branch, warehouse, room, shelf, bin and location QR assignment.

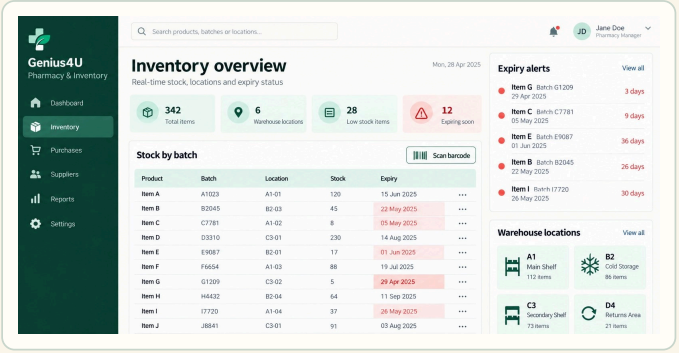
Unit conversion is a record, not a shortcut.
The pack and its dispensable units remain linked so receiving, counting, transfer and sale can use the authorised unit relationship. A user does not need to overwrite the item identity to explain a pack movement.

PRODUCT

One medicine can retain many distinct lot, expiry, quantity and status records.

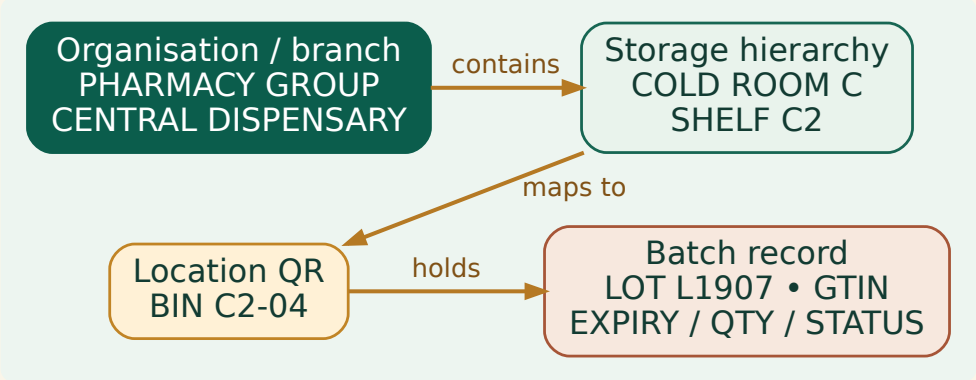
LOCATION

A location QR can focus the operator on the approved warehouse-to-bin address.



Program interface design — An interface design for location, batch and expiry-led inventory review.

Role-separated administrator, employee, supervisor and accountant accounts can be configured across companies and branches. English/Arabic RTL application options, web dashboard and mobile access are confirmed to contracted scope; access should expose only the records and actions assigned to each role.

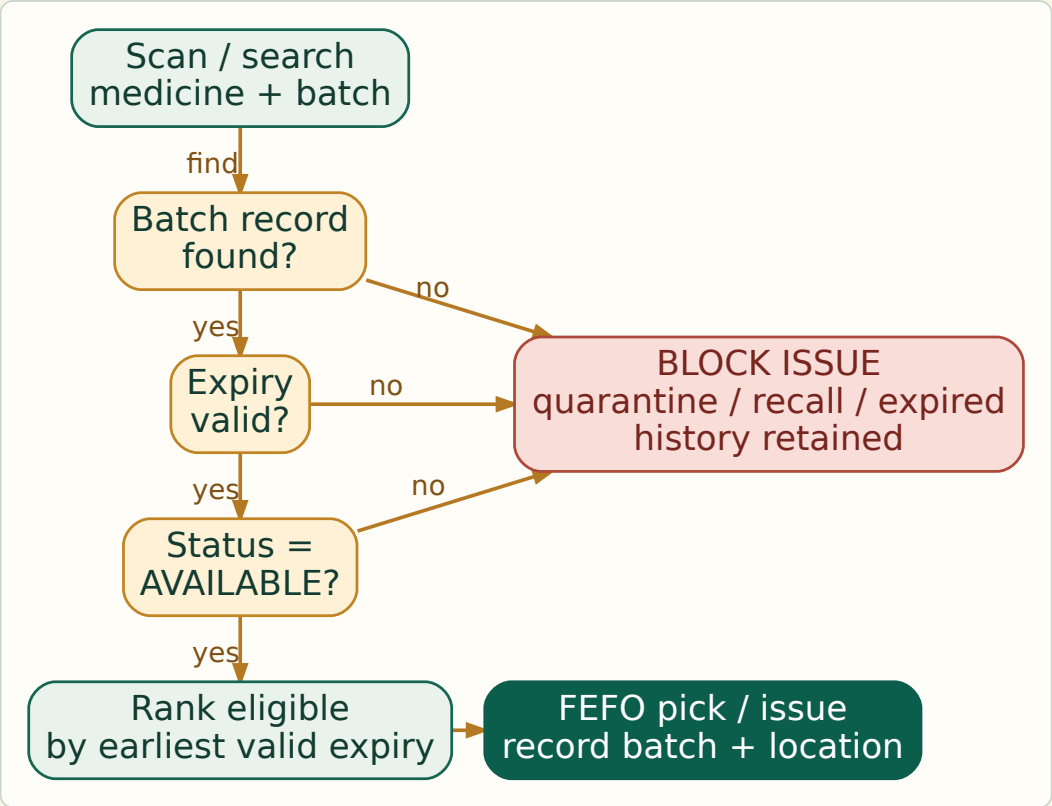


Location-to-batch tree — The QR-labelled bin is the physical anchor: the branch hierarchy locates a batch record, whose lot, GTIN, expiry, quantity and state remain separate from the medicine master.

BATCH ELIGIBILITY

FEFO chooses only from stock that may move

The selection rule is not a generic oldest-first counter. It ranks the earliest valid batch among balances that are available at the requested location.



FEFO eligible-versus-blocked routing — A scan or search first meets the batch record, expiry and status checks. Expired, quarantined or recalled stock is blocked from sale while its history is retained; eligible balances are then ranked by earliest valid expiry.

LOT IDENTITY

Batch-level fields

Record lot or batch identity, GTIN/local barcode, expiry, current location, status and quantity separately for each medicine batch.

CONFIGURABLE ALERTS

Move attention before movement

Expiry, low-stock, slow-moving, out-of-stock, supplier-delay, recall and cold-chain alerts are configured to the organisation’s thresholds and review paths.

The state is operational evidence.
AVAILABLE, quarantine, recall and expired conditions guide the routing rule. A blocked state does not erase the original receipt or balance history; it stops an inappropriate issue until an authorised follow-up is recorded.

01 FIND THE BATCH

Barcode/name search and a location view identify candidate balances.

02 TEST ELIGIBILITY

Expiry and controlled status decide whether a candidate may be considered.

03 APPLY FEFO

The earliest valid available batch is selected and the issue retains its source lot.

GS1 DataMatrix reader boundary
A reader may capture encoded GTIN, lot and expiry data where the label and reader support it. This assists identification and traceability; scanning alone is not represented as national medicine-authenticity verification.

CONTROLLED INBOUND STOCK

Receive a batch before it becomes available

The inbound flow joins purchasing approval, scan capture, inspection and location assignment so an on-hand number does not become sellable merely because it arrived.

PURCHASING

Request with purpose

A purchase request records the item, supplier route, requested unit and expected need. An authorised approval advances it to a purchasing instruction.

RECEIVING

Capture what arrived

Receiving scans or enters the medicine, pack quantity, batch/lot, expiry, source document and proposed storage location.

INSPECTION

Hold before release

An inspection decision can quarantine a received batch until the designated checker records a follow-up or permits posting.

1. **Purchase request** — Requestor identifies the required item and quantity; approval authority is visible before the purchase action.
2. **Supplier receipt** — Receiving staff compare the delivery record with the approved request, then capture lots, expiry and unit conversion data.
3. **Inspection or quarantine** — A batch needing review is marked with an exception status rather than mixed into available balance.
4. **Post stock** — An authorised outcome posts the batch to its branch, room, shelf and bin; quantity remains tied to that batch and address.
5. **Alert and audit** — Thresholds may surface short expiry, supplier delay or an incomplete receipt. The transaction audit records who progressed the state.

POSTING CONTROL

A received batch is not treated as available until the organisation’s inspection and posting rule is satisfied. Quarantine is therefore a record state with a visible reason, not an informal shelf note.

OUTBOUND ACCOUNTABILITY

Every movement has a source, destination or reason

Dispensing and stock control meet at the transaction record: a sale, return, transfer or disposal should identify the batch and authority that explain the balance change.

POS

Issue through authorised prices

Barcode or name search supports sale selection. Authorised prices and discounts, receipts or invoices, payments and returns are recorded with the applicable stock transaction.

RETURN

Return without erasing the sale

A return is linked to its reason and follows the organisation’s condition rule; it does not silently reverse history or automatically make stock available.

TRANSFER

Move between accountable locations

A branch transfer identifies sending and receiving branches, locations, expected quantity and the receiving confirmation path.

DISPOSAL

Dispose with approval

Expired, damaged or otherwise approved disposal carries a reason, approving authority and auditable stock adjustment rather than a direct quantity overwrite.

EXCEPTION: RETURN CONDITION

Condition, reason and destination determine the next state.

EXCEPTION: PARTIAL COUNT

Full or partial count variances require a reasoned, auditable adjustment.

EXCEPTION: DISPOSAL

Authorisation and reason remain visible with the batch movement.

Count, do not rewrite.

Stock counts can be full or partial. When physical balance differs, the correction is a reasoned adjustment in the audit trail, preserving the original transaction history for supervisor and accountant review.

COLD-CHAIN EVIDENCE

Make a temperature event reviewable

Cold storage requires more than a dashboard badge. The operational record connects the monitored area, time-stamped observation, institutional policy limits, alert route and documented response.

COLD-STORAGE RECORD

Area + time +npolicy limit + response

Logging may be integrated with a supported device or vendor interface under separately agreed scope. Alarm limits and escalation rules follow institutional policy; the product does not claim a universal logger connection or a fixed clinical threshold.

OBSERVATION

Store the reading context

A cold-area reading is useful when tied to its monitored area, timestamp, source and configured limit.

ALARM

Route the limit event

A configured alert can surface an exception to the designated reviewer for response and evidence capture.

A practical alarm path

A **Record** — A supported logger or manual process supplies a time-stamped cold-storage observation for the mapped area.

B **Compare** — The application applies the organisation’s configured policy limit and marks a breach or review requirement when relevant.

C **Notify** — The configured role receives an exception alert; staff can record acknowledgement, note and the subsequent stock-handling decision.

D **Preserve** — The alert, response and linked batch/location evidence remain reviewable for operational investigation and reports.

Scoped device integration

Cold-storage logging, gateways and alarm interfaces are optional integrations. Actual logger model, interface rights, data fields and reconnection behaviour are tested before commitment.

CLINICAL REFERENCE BOUNDARIES

Optional workflows require approved scope and rights

Compounding and e-prescription are not generic stock screens. They require approved clinical references, named roles, usable interface rights and a defined responsibility boundary.

SCOPED COMPOUNDING OPTION

A preparation record that keeps its sources visible

FORMULA	Approved formula and version, configured only with licensed reference-content rights.
INPUTS	Ingredient quantities, raw-material lots and controlled preparation data.
OUTPUT	Preparation record, review event and expiry set by the approved procedure.
CONTROL	Authorised role reviews the record; the system does not autonomously generate or approve clinical formulas.

Reference-rights gate
Clinical formula sources and reference content remain licensed third-party material where required. Their selection, access rights, retention and update route are defined in the agreed scope, not implied by the inventory licence.

SCOPED E-PRESCRIPTION OPTION

Exchange only through an agreed route

An e-prescription interface can be evaluated only after its endpoint, data permissions, workflow and responsible clinical roles are specified. The pharmacy record may link an authorised request to dispensing evidence, but it does not replace clinical judgement or automatically release medicines.

ACCESS

Role separated

Sensitive actions can be constrained to the designated user role and retained in the transaction audit.

SCOPE

Rights checked

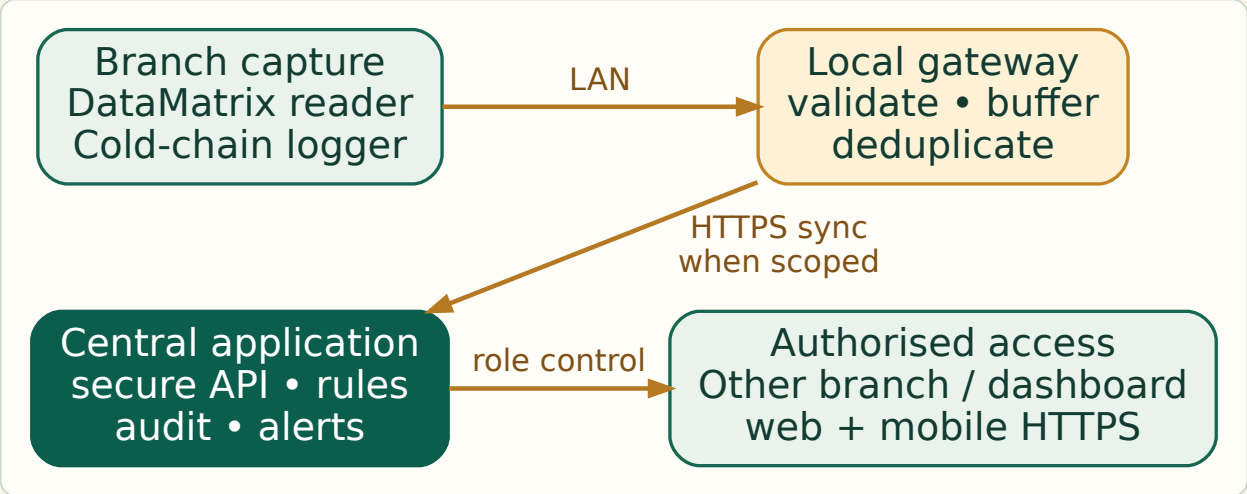
Vendor interface availability and content rights are confirmed before the integration is accepted.

No universal claim
Optional compounding, e-prescription, customisation and related services require separately agreed scope and price. Interface availability, device support and third-party fees are never included by implication.

CONNECTED BRANCH OPERATIONS

Put the gateway between devices and application rules

A practical topology distinguishes local capture from secure remote access. It avoids treating every reader, logger or mobile device as universally offline-capable or directly compatible.



Local gateway + cold-chain + central branch topology — Supported local devices may use a gateway to validate, store, deduplicate and buffer data before a secure API route. The exact device model, firmware, vendor rights and reconnection logic remain subject to agreed testing and scope.

LOCAL LAN

Operational capture

Readers, label printers, count handhelds and cold-chain sources use their supported local route; USB HID, TCP/IP, vendor SDK or API routes are assessed per device.

HTTPS

Branch visibility

Web dashboard and mobile access can use secure HTTPS routes according to contracted scope and role permissions.

RESILIENCE

Buffer then reconcile

Supported local/offline operations may buffer and synchronise later. This is scoped by workflow and device, not guaranteed on every endpoint.

Integration acceptance checks

Confirm the physical reader or logger, its interface documentation, firmware compatibility, network route, data mapping, tenant isolation, role/MFA needs, encryption, backup/restore test and fault-monitoring expectations before purchase. Genius4U does not sell or supply any hardware.

EXPLAIN THE EXCEPTION

Turn a stock question into evidence

The most important report is often the one that explains why a balance cannot move, where a variance arose, and which authorised action changed the record.

REPORT QUEUE

Exception-focused views

Expiry, low-stock, slow-moving, out-of-stock, supplier-delay, recall and cold-chain alerts can be filtered by branch, item, batch, location or assigned reviewer.

AUDIT

Correct with reason

Transaction audits distinguish original stock records from later reasoned corrections, approvals, counts and adjustments. PDF/Excel reports support authorised operational review.

SCOPED MEDIA OPTION

Authorised stock-area incident evidence

A separately agreed camera/VMS integration may link selected incident footage or reference evidence for an authorised stock-area investigation, subject to vendor interface and privacy/retention controls.

BOUNDARY

No continuous staff scoring

This option is not continuous employee monitoring, performance scoring, facial recognition or a replacement for transaction audit. It is limited to authorised incident evidence under policy.

REPORT EVIDENCE CHAIN

Exception detected → Batch/location context → Authorised action → Audit + report

Evidence is selective and controlled.

Reports answer inventory questions through role-controlled data and preserved transaction history. Optional camera/VMS references, if contracted, add only authorised stock-area incident evidence; third-party camera/VMS fees and retention services are not included by implication.

WHY USD 4,900

A price for controlled traceability, not a generic item list

The software-only price reflects the design work needed to make item identity, unit conversion, physical location, batch state, expiry, approval and audit behave as one accountable operating model.

PUBLISHED SOFTWARE-ONLY PRICE

USDn4,900

Professional editionnPharmacy & Inventory

A qualitative rationale

This is not a promise of a specific ROI, clinical outcome or hardware bundle. Buyer value depends on fit to the pharmacy's own locations, stock controls, approval design and integration scope.

MODEL

Location integrity

A warehouse-to-bin hierarchy makes an inventory transaction identify a physical address rather than only a product code.

RULES

Batch-aware FEFO

Eligibility combines expiry, state, location and earliest-valid ranking instead of exposing every balance for issue.

CONTROL

Approval states

Purchase, quarantine, posting, adjustment, transfer, return and disposal need visible authority and retained reasons.

RESILIENCE

Audit and reconciliation

Reasoned corrections, reports, backup/restore expectations and tested integration routes support operational continuity.

Buyer checks before agreement

TRACE A BATCH	Can staff locate a lot by GTIN/barcode, expiry, state and bin, then retain its issue history?
TEST A HOLD	Can a quarantine, recall or expiry condition block issue while preserving the original receipt and reason?
COUNT + CORRECT	Can a partial count produce a reasoned adjustment that an authorised reviewer can audit?
CHECK ROUTES	Are device, logger, VMS, e-prescription or compounding requirements explicitly scoped, costed and tested?

The buyer should evaluate the operating model.

The published price does not include optional modules, customisation, installation, devices, service integrations or third-party content/services. Those elements need separately agreed scope and price rather than an implied all-inclusive commitment.

BUYER TERMS AND REFERENCE NOTES

Confirm scope in writing; keep evidence readable

This guide describes the functional operating model. The commercial agreement confirms the precise configuration, delivery boundaries and responsibilities for the organisation purchasing it.

Commercial terms — exact

Price. Pharmacy & Inventory professional edition: **USD 4,900, software-only.**

Dongle. A compatible **PHYSICAL licensing dongle is required, NOT a software activation key.** The customer or reseller secures it independently. Genius4U does not sell or supply any hardware or licensing dongles.

Scope. Optional modules, customisation, installation, devices and service integrations have separately agreed scope and price. Licence duration, installations, support and tax are confirmed in written agreement.

Sales and payment. All sales and payment arrangements are through WhatsApp +1 872 282 1722 only. No checkout, card-information or payment form is provided.

Agents. Agents worldwide are welcome with written terms; no automatic exclusivity is granted.

Hardware and third parties

Compatible readers, printers, scales, loggers, camera/VMS systems, licensed clinical content and third-party video or service fees are sourced or contracted independently. Actual device model, firmware and interface rights must be validated before purchase.

Technical references

- Owner-approved Pharmacy & Inventory functional requirements: internal source basis for the product scope.
- GS1: 2D barcode in healthcare — identification and traceability context for GS1 DataMatrix.
- GS1 DataMatrix Guideline — distinction between a machine-readable data carrier and encoded data structure.

Links are technical context, not product certifications, regulatory claims or a promise of universal hardware support.

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