

# Inventory Management for Indition Commerce

Release summary for the current Shop Inventory module implementation, including the newer operational workflows, governance controls, document outputs, and reporting improvements now present in code.

## Release Summary

- Shop includes a dedicated Inventory module for warehouse, location, stock, purchasing, receiving, transfer, cycle-count, serial lookup, and reporting workflows.
- The module is designed for staged rollout, with store-level enablement and SKU-level Inventory Tracking instead of forced all-at-once migration.
- Initial setup supports shared or per-store warehouse creation and queues legacy tracked-stock bootstrap in the background.

## New And Expanded Admin Areas

- Warehouses with delivery metadata and printable barcode or QR labels.
- Locations with default-receive support, store inheritance or subset assignment, and printable barcode or QR labels.
- Inventory Management for direct receive, adjust, move, bulk row actions, and Excel export.
- Purchase Orders with vendor recommendations, CSV or Excel import, duplication, approvals, receiving, and PDF or Excel output.
- Receipts with detail dashboards, full receipt history, export tools, and receiving worksheets with barcodes.
- Transfers with draft, auto-ship, receive, cancel, and reverse workflow support.
- Serial Number Lookup with export and links into deeper serial reports.
- Cycle Counts for location-based counting and variance posting.
- Reports for stock, valuation, planning, transactions, serials, vendor value, and untracked SKUs.

## Settings And Governance Enhancements

- Configurable enabled-store scope for Inventory-managed stock.
- Configurable allocation method, negative-stock behavior, and serialization enable rule.
- Purchase order approval requirements with approver users, approver roles, or both.
- Shared vendor payment-term maintenance from Inventory Settings.

- Optional purchase order disclaimer text for PDF output.
- Optional transfer-carrier feature with centrally managed carrier choices for cross-warehouse transfers.

## Warehouse And Location Capabilities

- Warehouse records now include delivery address, phone, contacts, and delivery instructions used in purchase order documents.
- Warehouse save automatically ensures a default location exists.
- Locations now support default-receive selection in addition to default-location behavior.
- Location store assignments can inherit from the warehouse or be narrowed to an explicit subset.

## Inventory Management Improvements

- Direct receive flow for tracked SKUs outside of purchase orders.
- Bulk and single-row quantity adjustment with serialized-SKU safety rules.
- Bulk and single-row location moves with serial ID support for serialized units.
- SubProduct AJAX lookup support for stock-operation forms.

## SubProduct Inventory Tools

- Inventory Settings tab for serialization, alternate barcodes, and planning by location.
- Recent serial history directly on the SKU admin screen.
- Purchase History tab with latest purchase-cost tools and manual single-SKU receiving into inventory.
- Purchase history now combines PO receipts, manual cost adjustments, and manual receipt entries.

## Purchase Order Enhancements

- Dashboard summary cards for open value, open counts, outstanding units, partially received orders, and recommended PO counts.
- Recommendation summaries by vendor with preview and direct create flows.
- Builder sources for selected SKUs, all vendor SKUs, previous POs, imported files, copied POs, and recommendation-driven draft lines.
- Import support for CSV, XLS, and XLSX purchase-order line files with header detection.
- Status flow for draft, awaiting approval, approved, ordered, partially received, received, and cancelled purchase orders.

- Reinstate flow for cancelled purchase orders, including reinstatement as draft or into the next operational state.
- Cancel remaining balance action for partially received purchase orders.
- Approver-only export protection for non-draft purchase orders when approvals are enabled.

## Receiving And Receipt Enhancements

- Partial purchase-order receipt support with bulk default location and line-level overrides.
- Serialized receipt validation requiring one serial number per received unit.
- Receipt detail dashboards with received value, receiver identity, and warehouse context.
- Excel export, PDF export, and receiving worksheet PDF output for receipts.
- Receiving worksheets now print a scannable barcode value per received line using alternate barcode, UPC, or SKU fallback.

## Transfer Workflow Enhancements

- Transfer create screen supports one shared destination or row-level destination selection.
- Transfer create screen supports transfer-all, same-quantity-for-all, and insufficient-quantity handling options.
- Cross-warehouse transfers can capture carrier and tracking data when that feature is enabled.
- Multi-destination selections automatically create transfer batches.
- Transfer workflow now supports ship, receive, cancel, and reverse actions with partial line quantities.
- Transfer detail pages show line-level in-transit, received, cancelled, and reversed quantities.

## Cycle Count And Serial Workflow Enhancements

- Cycle counts can be started per location and completed from a location-specific SKU list.
- Cycle count completion records system quantity, counted quantity, variance, and note per item.
- Positive serialized variances now support serial capture during completion.
- Serial Number Lookup supports filtering by serial, SKU, status, and location, plus Excel export.
- Serial lookup links directly into serial history and sold-serial investigation reports.

## Reporting Enhancements

- Valuation report summary cards for tracked SKUs, untracked SKUs, total quantity on hand, and inventory value.
- Vendor value report with vendor-level totals and drill-through links into filtered valuation results.
- Planning report driven by reorder point, min, max, lead time, and safety stock values.
- Untracked SKU report with selected, filtered, or full-scope enable-tracking actions.
- Bulk untracked-SKU enablement supports either one global seed quantity or row-level quantities for selected rows.
- Report grids preserve filter state for Excel and PDF exports.

## Compatibility Notes

- Legacy Shop inventory behavior remains intact while the Inventory module is disabled.
- Inventory Tracking continues to be a per-SKU decision.
- Legacy tracked-stock bootstrap remains available for staged migration and can be queued in the background.

Updated for the implemented Inventory module feature set reviewed on April 12, 2026.