

Warehouse Management System

A practical warehouse workflow solution for standard stock control, scanning, and fulfillment operations.



Visual warehouse & location management



Visual product identification



AI warehouse assistant

How it works

Inputs



Orders



Inventory data



Resources



Rules

Processing

1  Receive scan & verify

2  Put away assign location

3  Store & track live inventory

4  Pick, pack & ship fulfill orders

5  Monitor & control track tasks & exceptions

Outcomes



Inventory & location updated



Fulfillment status tracked



Exception alerts raised



Demand forecasting

Key capabilities



Multi-warehouse
& layout
management



Real-time
inventory
visibility



AI-powered
product search



Mobile
workforce
productivity



Natural language
inventory query

Applications



Retail & e-commerce

- High-velocity stock across stores & online
- Synchronized stock & order flow
- Unified omnichannel fulfillment



Manufacturing & distribution

- Track raw materials & work-in-progress
- Manage finished-goods inventory
- Coordinate factories & distribution centers



3PL & logistics

- Multi-client tracking
- Billing by store & transaction
- Per-client KPI & SLA dashboards



Use cases



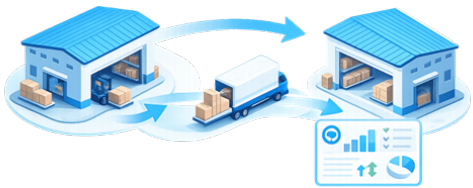
Real-time goods receiving & put away

- Mobile scanning, auto PO matching
- AI-suggested storage locations
- Inventory updated on confirmation



Smart order picking & fulfillment

- FIFO/LIFO pick lists
- Scan-based verification
- Pack-station label printing, ERP sync



Multi-warehouse stock transfer & rebalancing

- Unified visibility, AI flags stockout risk, system recommends transfer plan with source & quantity



Lot, serial & expiry tracking (FEFO)

- FEFO picking by default
- Automated expiry alerts
- Full upstream/downstream traceability for recalls



Natural language warehouse query

- Ask the system to find order status, stock location, or pending tasks



Business benefits



Inventory accuracy

- Real-time stock visibility
- Fewer counting errors
- Better audit traceability



Scalability

- Modular architecture, add features as needed
- Unlimited warehouses & SKUs
- Cloud-ready expansion



Efficiency

- Automated warehouse workflows
- Faster picking & packing
- Higher staff productivity



Decision-making

- AI-driven demand forecasting
- Live KPI dashboards
- Proactive stock alerts

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