VIDIR VANTAGE

The most comprehensive inventory management software built for automated storage and retrieval systems

Vidir Vantage is the software intelligence that optimizes the performance of Vidir ASRS. It is not a warehouse management system adapted for automation. It is purpose-built from the machine outward — combining real-time inventory management, guided operator workflows, machine control, diagnostics, enterprise security, and ERP/WMS integration into a single unified platform.

One platform. Built in from day one.

Core Functions of Vidir Vantage

Inventory Control

Vidir Vantage tracks inventory at the level your machines actually operate — items assigned to specific trays, positions, and locations. Every pick and stock updates the record in real time. No reconciliation lag. No inventory drift.

Guided Pick & Stock

Every operator follows the same confirmation-based workflow. The Tray Visualizer maps active cells on screen at the access point. Barcode scanning confirms the right part. Every transaction is timestamped before it advances.

Machine Control

Integrated directly with the VLM's PLC, not layered on top of it. Retrieve trays, manage positions, configure access points, and monitor machine state from one interface. Local and remote control modes supported.

Diagnostics & Alarms

Over 20 predefined alarm codes with descriptions and reset actions. Controller I/O, lift operations, and access point diagnostics are accessible to operators, not locked behind a service call.

Security & Access Control

Six defined user roles, from floor operator to system administrator, each with a full permissions matrix. Every action is tied to a user, a timestamp, and an outcome. Complete traceability for audits, compliance, and accountability.

ERP / WMS Integration

Built to work alongside your existing ERP or WMS, not replace it. Two deployment models: Vidir Vantage manages inventory and your ERP receives confirmations, or your ERP issues work orders and Vidir Vantage executes them.

Built In. Not Bolted On.

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A sample of what's included from day one.

Tray Visualizer

A real-time map of every tray at the access point — active cells highlighted so operators know exactly where to pick or place.

Six User Roles

From floor operator to system administrator, every user has exactly the access they need.

Activity Logs & History

Every pick, every stock, every action timestamped and tied to a user. Your complete inventory trail is always there.

Space Optimization

Smarter storage placement built into the software, getting more from every tray and every inch of your VLM.

Works Across the Operations That Depend on Precision

Manufacturing

Reduce retrieval time and eliminate mispicks on the production floor with guided workflows and real-time tray level inventory.

Distribution & Warehousing

Increase pick throughput and connect Vidir Vantage to your WMS for structured order execution and confirmation return.

Healthcare

Accurate medical supply inventory with role-based access and full transaction logging for compliance.

Retail & BOPOS

Fulfill buy-online-pickup-on-site orders faster with guided retrieval and real-time inventory accuracy at every transaction.

Automotive

High-SKU-count parts and tire inventory managed with location-level precision and barcode scan support.

See Vidir Vantage in Action.

Book a live demo with a Vidir specialist.

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