



RFgen
Warehouse
Director
WMS-Lite

GAIN DIRECTED-MOVEMENT FUNCTIONALITY
TO MAXIMIZE EFFICIENCY AND PRODUCTIVITY
IN THE WAREHOUSE

RFgen



EXPERIENCE DYNAMIC WMS AT A FRACTION OF THE COST

RFgen Warehouse Director is a WMS “lite” alternative that provides intelligent, directed-movement functionality for a fraction of the cost of a heavyweight WMS or specialized ERP module.



OPTIMIZE MOVEMENT OF MATERIALS

Dynamically direct inventory processes and worker movements in the warehouse using real-time transactions with your ERP, database and business rules.



INCREASE THROUGHPUT, NOT HEADCOUNT

Drive higher levels of efficiency, productivity and visibility to run a leaner warehouse without expanding the size of your team.



EMPOWER YOUR WAREHOUSE MANAGER

Equip managers with the ability to track job progress, monitor worker productivity, and set thresholds to anticipate and prevent shortages.

“ We took the leap with RFgen and it really drove automation in every corner of our organization. ”

- Paul Nonno, [Myers Tire Supply](#)

THE POWER OF WMS-LITE: SUGGESTION-ORIENTED MOBILE WAREHOUSING

The RFgen Warehouse Director WMS can help you tighten control over warehouse planning and execution by eliminating the need for paper lists and spreadsheets. By targeting processes with the highest potential for cost savings, our WMS-Lite solution maximizes gains in efficiency and performance without the headaches associated with complex heavyweight WMS implementations.



KEY ADVANTAGES:

- ▶ **Dynamically enhanced agility**—Directed movement of goods enhances your warehouse manager's ability to plan proactively, make critical business decisions and accelerate throughput.
- ▶ **Lightweight and cost-effective**—Focused functionality for mobile devices makes implementation easier and faster, providing a dramatically shorter ROI than heavyweight WMS alternatives.
- ▶ **Deploys rapidly**—Future-ready your warehouse in just weeks with RFgen Warehouse Director's short deployment time.
- ▶ **Zero footprint**—RFgen is version independent and does not install on your ERP server, require a separate database or modify your existing environment.
- ▶ **Flexible developer productivity tools**—The integrated development environment enables your internal IT staff to rapidly customize and create new workflows, saving time and money.
- ▶ **Easy to support**—Administration tools enable the IT team to shadow users and see their screens in the console—or even take control remotely and show users exactly how to perform a task.

ADVANCED WAREHOUSING CAPABILITIES

RFgen Warehouse Director installs on top of your existing RFgen ecosystem to expand functionality and further streamline core warehouse processes with additional transactions and directed movement.

Capabilities include:

SYSTEM-DIRECTED MOVEMENT AUTOMATION

- ▷ Directs movements by looking up all possible locations in the existing inventory database and then assigning suggestions to a person, device, vehicle or robot along an optimized route.
- ▷ Reduces collisions, traffic jams and productivity-draining tasks such as backtracking, commuting, and the start, stop and stutter of manual transactions.
- ▷ Automates stock flows while enforcing rule sets for FIFO, LIFO, FEFO, lot-based movements, special storage requirements (flammable materials, refrigerated items, etc.), and more.
- ▷ Equips warehouse managers with tools and data to proactively manage continuous inventory movement with minimal effort or upkeep.
- ▷ Build performance dashboards to monitor inventory flows, stock levels, employee productivity and track warehouse KPIs.

INBOUND OPTIMIZATION

- ▷ Simplifies inbound receiving and put away processes by watching incoming product to generate suggestions based on prior inventory transactions.
- ▷ Directs fast-moving items to preferred locations, such as at the end of aisles or nearest the shipping the dock.
- ▷ If designated location is abruptly filled, dynamically reassigns a new put away suggestion.
- ▷ Redirects product to the shipping dock rather than the warehouse when needed for outbound shipment or customer order, accelerating inbound-to-outbound flows.

GUIDED PICK ROUTING

- ▷ Enhances outbound order picking by creating directed pick path suggestion for SOs and WOs based on historical usage.
- ▷ Guides employees on optimized routes for picking orders individually, in batches, waves, or by splitting requests across multiple locations to fulfill an order.
- ▷ Enables intelligent batching of sales order picks by order type, weight, carrier, and other specialized attributes, with audited validation and ship confirmation.
- ▷ Drives productivity by trimming travel time, mistakes and searches for lost inventory.

STREAMLINED REPLENISHMENT

- ▷ Improves the speed, efficiency and accuracy in a rapid, ongoing stock replenishment process.
- ▷ Monitors picking areas to ensure optimal inventory balances are maintained, providing real-time visibility for proactive replenishment.
- ▷ Automatically generates replenishment requests when stock levels fall below the designated threshold value.
- ▷ Avoids delays and lost profit due to stock-outs while reducing need for stockpiling backstock, freeing up working capital and valuable warehouse space.



TECHNICAL OVERVIEW

RFgen Warehouse Director is a non-invasive, flexible lightweight WMS software solution that is easier for IT personnel to implement, support and modify than a full WMS or ERP module.

- ▷ Installs and runs on a PC server without requiring additional software, modules, or coding in your ERP or inventory database.
- ▷ Suggestion-oriented functionality uses VBA rather than a complex hard rules system, making it easier to tailor and maintain as the business grows.
- ▷ Does not use a separate database, instead communicating with the existing database and business rules defined by your ERP for added flexibility and ease of use.
- ▷ Seamlessly integrates with mobile and IIoT devices, barcode labeling software, RFID tags and more.
- ▷ Easily bolts on to existing RFgen systems.



RFGEN SOFTWARE - YOUR TOTAL SOLUTION PROVIDER



We help organizations reduce supply chain implementation costs and increase accuracy and efficiency with the industry's most reliable, flexible mobile data collection and barcode software solutions. Since 1983, we have become the industry leaders for supply chain barcoding solutions. Our global network offers worldwide support for complete end-to-end mobile data collection solutions. We not only provide robust mobile supply chain software, we also offer a complete end-to-end mobile data collection solution, including:

WHERE RFGEN IS USED



Warehouse and
Distribution Centers



Manufacturing
and Production



MRO and Asset
Management



Field Service and Delivery

SUPPORTED TECHNOLOGIES

DATA COLLECTION

- Android Devices
- Barcode Scanners
- Carousels and Scales
- iOS Devices
- RFID
- Tablets and Smartphones
- Vehicle Mount Computers
- Voice Recognition
- Windows 10, Mobile and CE

ENTERPRISE INTEGRATIONS

- SAP
- Oracle's JD Edwards
- Oracle E-Business Suite
- Deltek Costpoint
- Microsoft Dynamics

GENERAL CONNECTIVITY

- COM Interop
- Databases
- IBM AS/400
- IBM Mainframes
- NET Assemblies
- UNIX Systems
- Web Service

1101 Investment Blvd, Suite 250
El Dorado Hills, CA 95762
(888) 426-2286
www.rfgen.com

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