

Dematic iQ Optimize

Warehouse Execution System



Performance
Optimizing
Software



Work Smarter, Ship Faster, Deliver Results

- ▷ You're increasingly faced with tighter cycle times created by consumers who demand faster, cheaper, and more accurate delivery. At the same time, operating costs (especially from labor) make meeting those challenges and maintaining a profit even more difficult. In short, you have to do more with less — and do it faster. All while avoiding investing in technology that may be obsolete tomorrow.

Dematic has a holistic solution to meet today's demands and tomorrow's challenges with a software platform that can adapt and grow with your operations and technological advancements:
Dematic iQ Optimize

Dematic iQ Optimize is a warehouse execution system (WES) that provides wave-based strategies for most B2B applications as well as Dematic On-Demand (waveless) and hybrid fulfillment strategies incorporating lean methodologies and advanced algorithms. As part of the growing Dematic iQ performance optimizing software portfolio, Dematic iQ Optimize can expand your capabilities as your operation evolves. Very few systems offer this kind of flexibility and scalability.

A Smarter Way to Manage and Control Warehouse Systems

Dematic iQ Optimize is a comprehensive WES platform capable of managing all aspects of warehouse and production operations from receiving to shipping and is scalable to match your needed level of support. It brings together warehouse management and control features typically distributed across multiple systems, such as the inventory management functions of a warehouse management system (WMS) and the equipment management of a warehouse control system (WCS).

MANAGEMENT

Dematic iQ Optimize streamlines and synchronizes workflow to reduce waste and increase efficiency throughout your facility. Functions include:

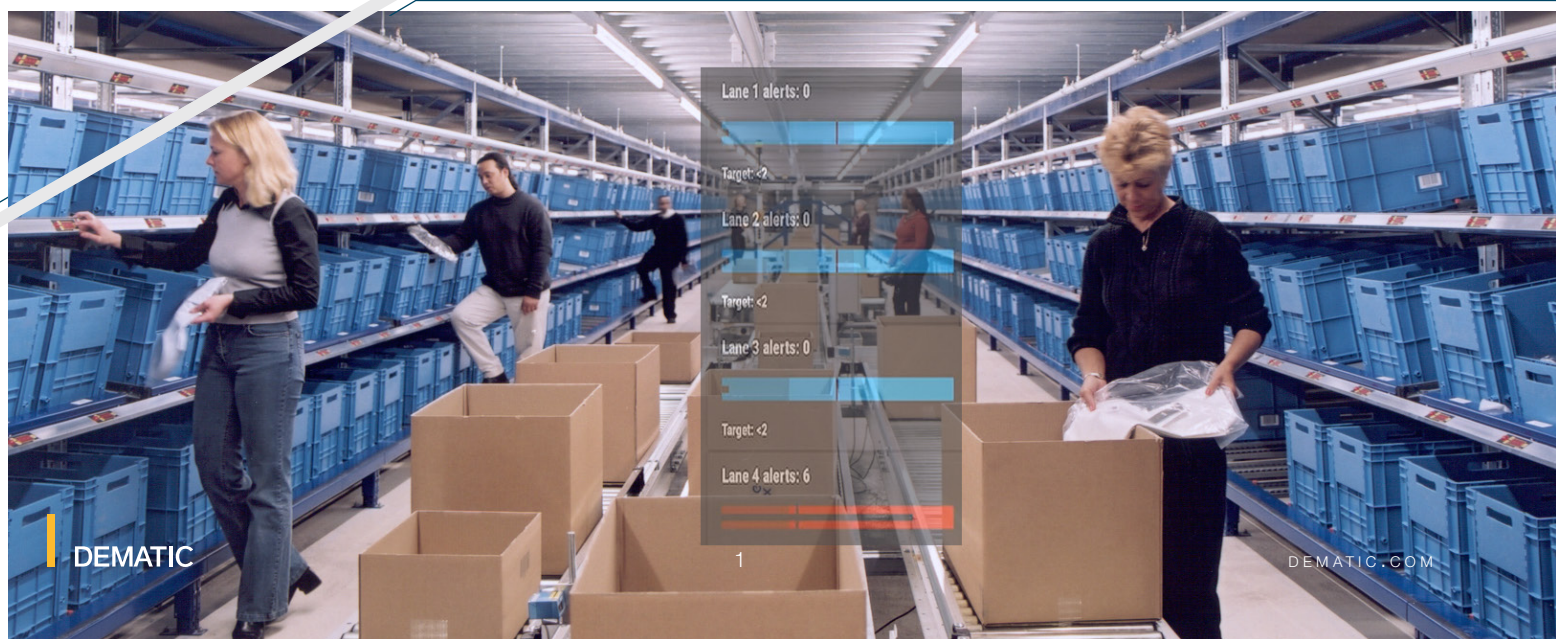
- Order management
- Planning and optimization
- Lean operations
- Resource management

REAL-TIME EXECUTION

Dematic iQ Optimize coordinates business processes as they happen and directs the right mix of labor, inventory, technology, and equipment facilities for optimal material flow.

MEASUREMENT

Dematic iQ Optimize provides real-time dashboards as well as historical reporting to monitor performance, discover continuous improvement opportunities, and implement best practices.



Distribution Science: A Smarter Approach to Warehouse Management

Other software solutions take a one-size-fits-all approach for all industries. Or they focus on only a few specific aspects of an operation.

Our exclusive Distribution Science method brings together computer scientists, mathematicians, and data visualization designers, and aligns them with warehouse and production facility experts to develop AI algorithms that optimize your operations.

The result is a customized, flexible, and scalable system that makes the best use of your resources to get your orders out accurately, on time, and on budget.



- ▷ **Dematic iQ Optimize: The Warehouse Execution System that combines management and control functions for optimal operational efficiency**

A Warehouse Management System (WMS) manages inventory and labor from receiving to shipping. At the equipment level, a Warehouse Control System (WCS) manages and directs the flow of materials through the maze-like arrangements of automation and labor-based systems. Both are necessary, but neither can optimize the overall efficiency across an entire facility.

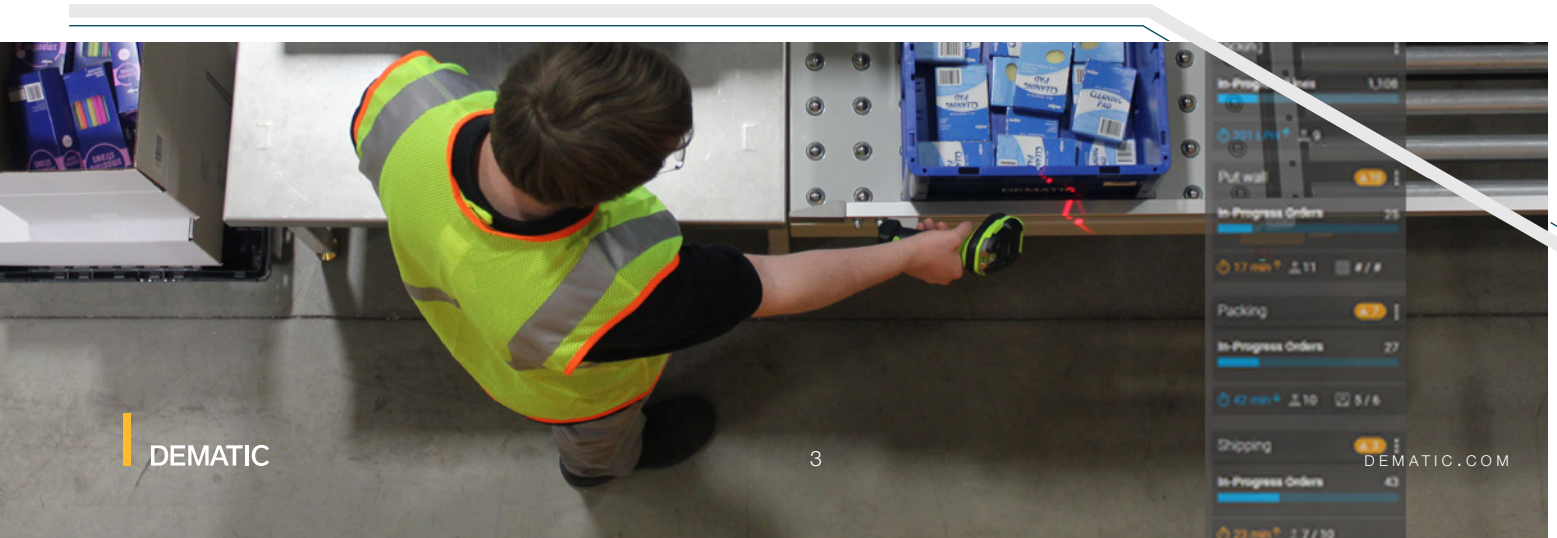
Dematic iQ Optimize is a Warehouse Execution System (WES) that unites the rich functionality of WMS and WCS technologies to achieve unparalleled efficiency. This WES solution optimizes labor, equipment, and processes in ways that can't be achieved through traditional interfacing of WMSs and WCSs.

Faster, More Efficient, Smarter Facility Operation with Dematic iQ Optimize

Rely on Dematic iQ Optimize to achieve the right synergy of labor and automation to keep your facility running smoothly. Benefits to your bottom line include:

- **Accelerated cycle times:** Real-time inputs and Dematic On-Demand methodology constantly balance workflow for the most efficient mix of labor and automation.
- **Reduced operating costs:** Smarter management and control software increases worker productivity and simplifies decision making. In addition to improving labor and equipment efficiency, Dematic iQ Optimize also reduces shipping, transportation, and real estate costs.
- **Improved customer satisfaction:** With Dematic iQ Optimize you'll increase throughput, reduce cycle times, and address priority orders using pull-based, On-Demand, and hybrid strategies. Improved accuracy reduces returns. You can adapt to changing conditions with minimal effort.
- **Preserve your technology investments:** With Dematic you know you made the right software choice. Dematic iQ Optimize is built on a foundation of proven warehouse systems and can easily be integrated into future technology advancements.

You have one goal: Ship everything on-time today and every day. Dematic iQ Optimize gets you there.



The Dematic Difference



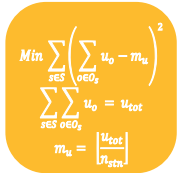
Efficient order fulfillment orchestrated through On-Demand, wave-based & hybrid strategies



Optimize, execute & align operations based on lean principles



Reduced cost and rapid deployment with standardized systems



Data-driven decisions & validation by Distribution Science



Easy access to operational intelligence with role based screens



Preserves your software investment with scalability & flexibility

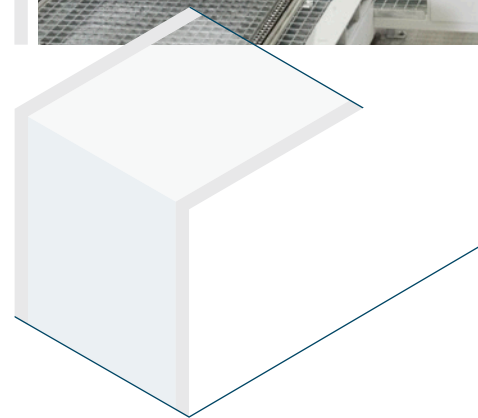
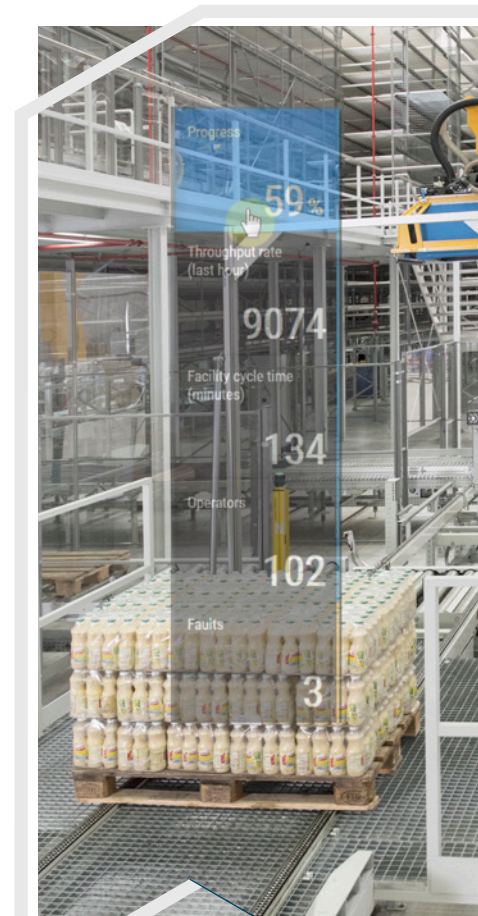
A Key Component of the Dematic iQ Portfolio

Dematic iQ Optimize is a key component of a growing software portfolio with the flexibility and scalability to evolve with your business.

Dematic experts take a consultative, software-first approach that empowers your people and physical systems to meet the changing demands of the material handling industry.

Gain the competitive edge of best-in-class intralogistics by collaborating with Dematic to enhance the performance of your facility now and into the future.

For more information visit: dematic.com/Optimize





About Dematic

Dematic is an intralogistics innovator that designs, builds and supports intelligent, automated solutions for manufacturing, warehouse and distribution environments for customers that are powering the future of commerce. With engineering centers, manufacturing facilities and service centers located around the world, the Dematic global network has commissioned thousands of customer installations for some of the world's leading brands.

Headquartered in Atlanta, Dematic is a member of KION Group, one of the global leaders in industrial trucks and supply chain solutions, and a leading provider of warehouse automation.

Power the Future of Commerce.

▶ If you are interested in learning more about this topic and how we can help, please contact us.

🌐 [Dematic.com/optimize](https://www.dematic.com/optimize)

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