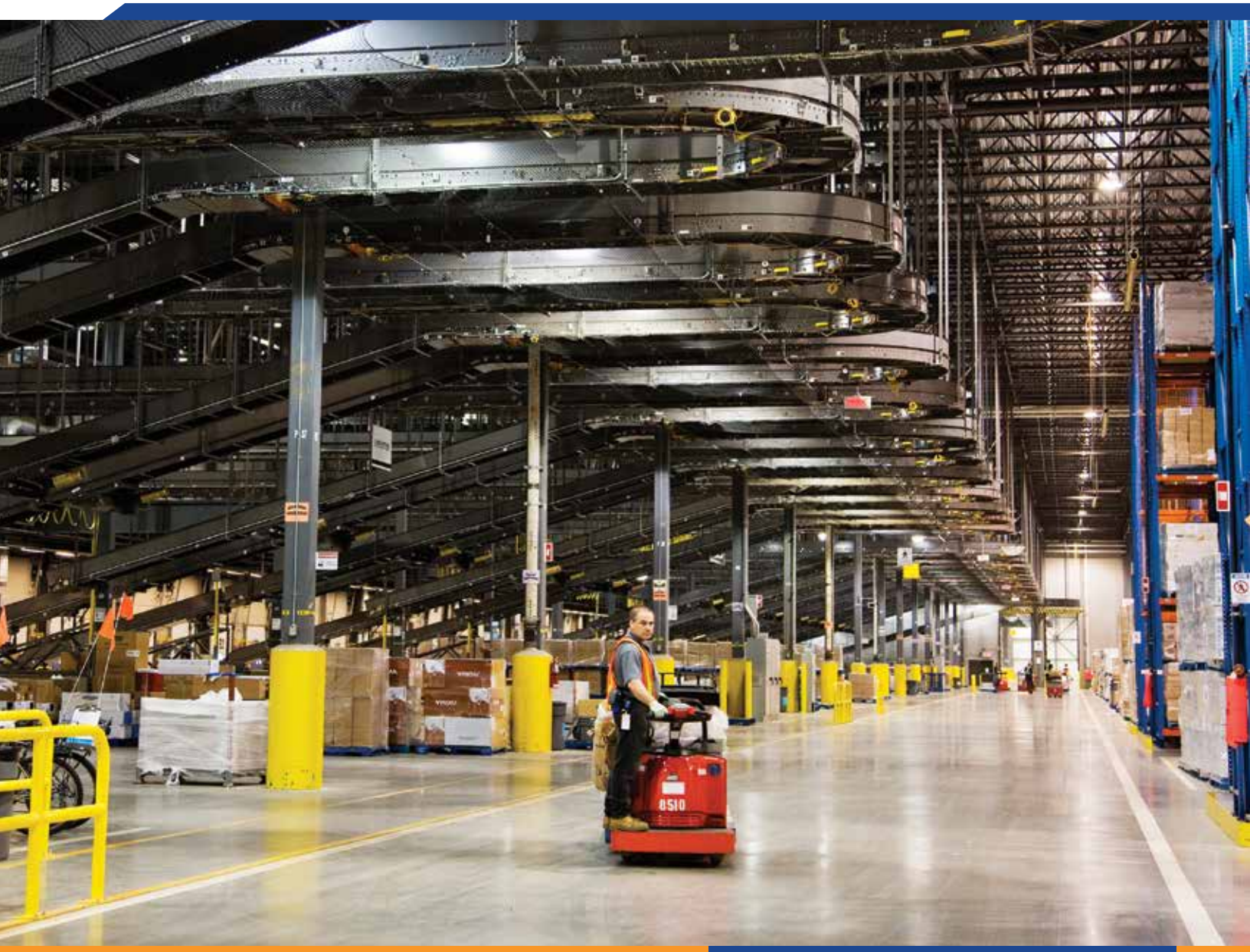
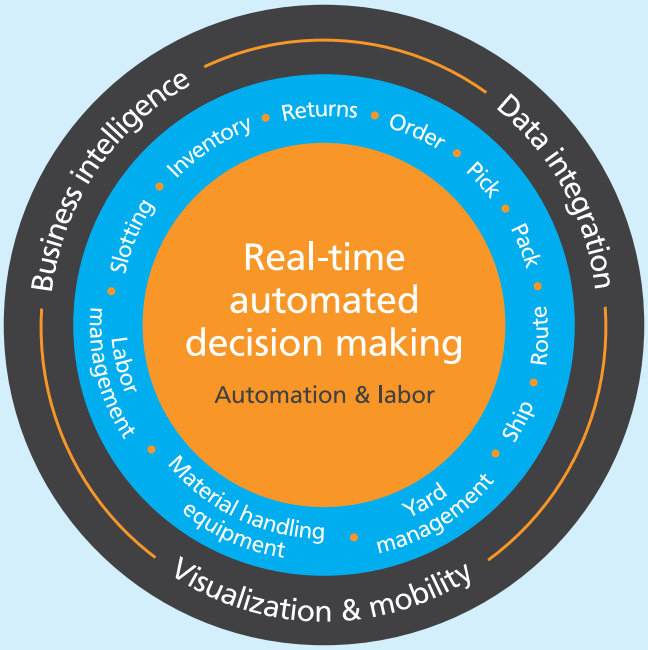
Intelligrated®

Warehouse execution systems



software intelligence that delivers™

Intelligrated warehouse execution systems



Intelligrated warehouse execution systems (WES) optimize fulfillment, providing the efficiency, accuracy and speed required for today's high-performance distribution operations. The WES platform acts as the operational brain, adjusting workflow to deliver real-time responsiveness through automated decisions based on constant analysis of orders, inventory, labor, processes and equipment information.

WES benefits include:

- Removal of silos characteristic of traditional warehouse systems for streamlined order planning and real-time fulfillment execution
- Gate-to-gate visibility and enhanced decision-support capabilities for real-time event management
- Holistic, predictive control of automated material handling equipment for reduced labor costs and improved material flow
- Reduced software integration points for improved solution stability, lower implementation costs, and simplified maintenance and support
- Adaptability to ever-changing business needs with modular design and cost-effective enhancements to maximize overall investment

Software capabilities

Architected from the machine control level out and designed with modular pre-built apps and flexible business process workflows, WES offers a scalable solution to fit current and future operational needs.

Warehouse management
Direct yard operations, receiving, put-away, inventory, stock locator, orders and waves

Warehouse control
Manage automated equipment to optimize conveyor and sortation routing and AS/RS storage

Order fulfillment software
Pick, put, pack and ship orders

Order picking technologies
Manage a range of mobility tasks with RF, voice, lights and carts, as well as automated equipment, including AS/RS and more

Supply chain business intelligence software
Leverage enterprise level reporting and dashboards for improved distribution network performance

Labor management software
Track labor, calculate incentive and performance pay, track time, coach, mentor and analyze enterprise reporting data

Intelligrated WES enables maximum efficiency and productivity for high-performance distribution and fulfillment operations.

Optimize fulfillment in any application

Configurable WES meets the demands of fast-paced e-commerce and omnichannel fulfillment operations. Intelligrated software intelligence optimizes a variety of distribution and fulfillment operations in today's global supply chains, including:

- **E-commerce order fulfillment** – View a real-time status of orders and inventory across the supply chain and leverage automated equipment, picking technologies and fulfillment processes to efficiently meet promised service levels.
- **Retail distribution** – Plan and execute replenishment of pallets, cases and eaches using innovative dynamic slotting, order management and process flows to optimize workloads from receiving to shipping.
- **Route-based delivery** – Direct workflow, labor, picking technologies and automation to sequence orders for reverse truck loading to maximize shipping efficiency.
- **Cross-docking** – Automated decision making enables planned and opportunistic cross-docking to ensure seamless product flow, relieve dock congestion and provide timely store delivery.

Web-enabled technology

Intelligrated's web-enabled software leverages the power of Java spring framework to provide a scalable solution accessible worldwide.

- Choice of server platforms, including Windows Unix/Linux and IBM operating systems
- Compatible with iOS and Android mobile platforms
- Robust database support for Oracle, MS SQL and DB2 platforms

Solutions overview

Intelligent automated material handling solutions from Intelligrated optimize processes, increase efficiency and give businesses a competitive edge. Intelligrated designs, manufactures, integrates and installs complete material handling automation solutions including:

- Warehouse execution systems
- RTS™ order picking technologies
- Voice solutions
- InControlWare® machine controls
- IntelliSort® sortation systems
- Conveyor systems
- Alvey® palletizers and robotics
- AS/RS solutions
- 24X7 Customer Service & Support

Customer service & support

Intelligrated Customer Service and Support provides all the services, parts and support necessary to keep systems running at peak efficiency. Staffed with a network of Intelligrated professional customer service and support specialists, multilingual customer service is accessible 24X7.

About Intelligrated

Intelligrated is a leading North American-based, single-source provider of intelligent automated material handling solutions that drive distribution and fulfillment productivity for retailers, manufacturers and logistics providers around the world. Through a broad portfolio of automation equipment, software, service and support, Intelligrated solutions optimize processes, increase efficiency and give businesses a competitive edge.

Intelligrated designs, manufactures, integrates and installs complete material handling automation solutions including conveyor systems, sortation systems, palletizers, robotics, automated storage and retrieval systems, and order picking technologies – all managed by advanced machine controls and software. Solutions include industry-leading Intelligrated-manufactured Alvey®, RTS™ and IntelliSort® brand equipment and warehouse management (WMS), warehouse control (WCS) and labor management software.

Every project is backed by Intelligrated's 24X7 multilingual technical support and access to lifecycle service through a network of national, regional and local service centers. From concept to integration to lifecycle support, Intelligrated automation delivers distribution and fulfillment success.

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