



Warehouse Control System (WCS)

Synchronized control for seamless material flow and peak performance in automated warehouse ecosystems

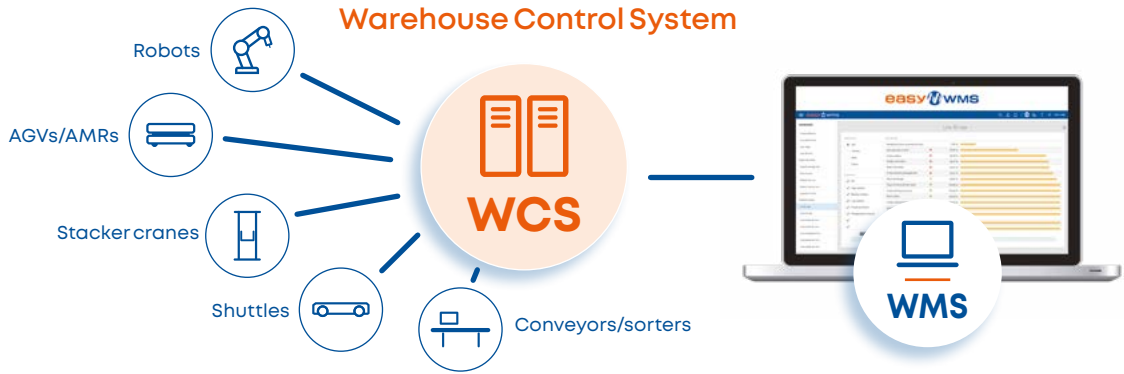
Interlake Mecalux's robust Warehouse Control System provides precise control and real-time visibility of automated workflows in a single platform. It executes WMS decisions by optimizing the coordination and synchronization of resources and their routes. This ensures uninterrupted operations, enabling logistics facilities to achieve maximum efficiency and availability.

The WCS allows seamless integration, not only with the Interlake Mecalux automation portfolio and Easy WMS warehouse management system, but also with third-party MHE and software solutions.



Benefits

- **Continuous material flow.** Interlake Mecalux's WCS system assesses the warehouse's status to efficiently coordinate MHE movements. This ensures a smooth, uninterrupted goods flow throughout the facility, minimizing disruptions and bottlenecks.
- **Total operational transparency.** Comprehensive visibility into automated equipment operations enables real-time tracking of task execution and continuous MHE monitoring.
- **Powerful integrations.** Interlake Mecalux offers material handling integration through a single software solution, providing plug-and-play connectivity with automation and robotic systems. It also ensures full compatibility with third-party applications, including WMS, ERP, and other business solutions.
- **Unified automation coordination.** The synchronized integration of all material handling equipment ensures that diverse intralogistics technologies function as a cohesive unit, supported by WMS optimization capabilities. This unified approach delivers operational precision and maximum efficiency.



The software solution that drives excellence in material handling integration



Material flow control

Advanced coordination for streamlined automated workflows

Interlake Mecalux's warehouse control software synchronizes and orchestrates the precise movement of goods in automated warehouses. It optimizes workflow coordination, dynamically selects the most efficient transport routes, and manages task sequencing.

Comprehensive integration

Simplified operations with a unified software platform

Mecalux offers an all-in-one platform to manage automated and robotic systems, regardless of the MHE or WMS provider. This flexibility allows businesses to centralize operations, no matter what technologies are in use. Easy WCS improves warehouse efficiency while providing companies with greater flexibility and scalability in their logistics operations.

Real-time visualization

Operational transparency for seamless automation

This feature offers a clear overview of facility operations through real-time visibility of task execution and comprehensive monitoring of MHE and robotics status.

Advanced simulation

Maximized automation reliability through virtual testing tools

Interlake Mecalux's WCS features robust simulation tools that reproduce warehouse operations in a virtual environment. This technology enables the testing and validation of multiple material flow configurations and automation setups in a risk-free workspace.

Why choose Mecalux Software Solutions?



60+ years of experience in warehousing solutions, with operations in **70+ countries**



500+ engineers exclusively dedicated to developing logistics and supply chain software



1,200+ facilities in **36 countries** managed with Mecalux software solutions



Software continuously developed and updated through major R&D investments



Multilingual technical support available **24/7, 365 days** a year

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