



Warehouse Control System (WCS)

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

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 optimising the coordination and synchronisation 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 Mecalux automation portfolio and Easy WMS warehouse management system, but also with third-party MHE and software solutions.



Benefits

- **Continuous material flow**

Mecalux's WCS assesses the warehouse's status to efficiently coordinate MHE movements. This ensures a smooth, uninterrupted goods flow throughout the facility, minimising disruptions and bottlenecks.

- **Total operational transparency**

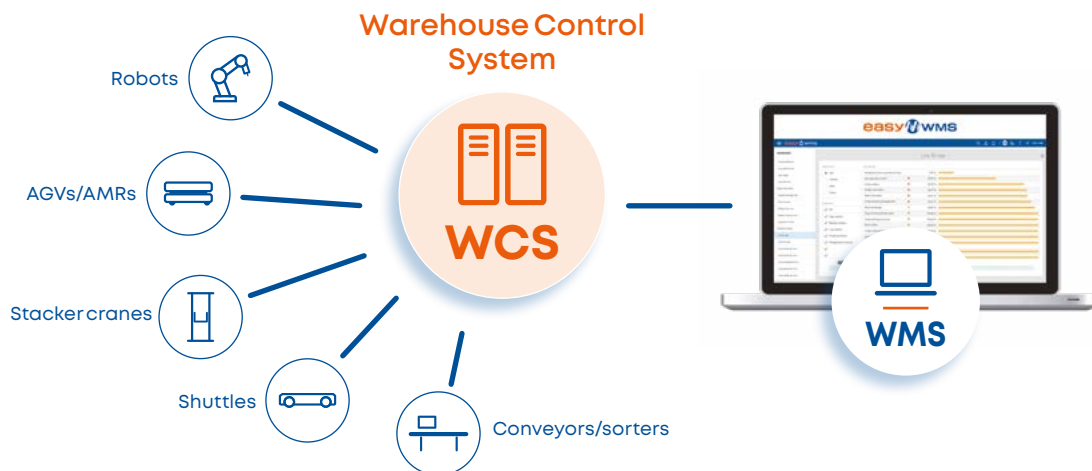
Comprehensive visibility into automated equipment operations enables real-time tracking of task execution and continuous MHE monitoring.

- **Powerful integrations**

The Mecalux software platform delivers unmatched material handling integration, providing plug-and-play connectivity with automation and robotic systems. Additionally, it ensures full compatibility with third-party applications, including ERP and other business solutions.

- **Unified automation coordination**

The synchronised integration of all material handling equipment ensures that diverse intralogistics technologies function as a cohesive unit, supported by WMS optimisation 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

Mecalux's warehouse control software synchronises and orchestrates the precise movement of goods in automated warehouses. It optimises 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 centralise 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 visualisation

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

Maximised automation reliability through virtual testing tools

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?



The company has **60+ years** of experience in warehousing solutions and a presence in over 70 countries.



More than **500 engineers** are exclusively dedicated to the development of logistics and supply chain software.



Over **1,200 facilities** in 36 countries are managed by Mecalux software solutions.



Software is **continuously developed** and updated, thanks to major investments in R&D.



Technical support is available in multiple languages 24 hours, 365 days a year.

