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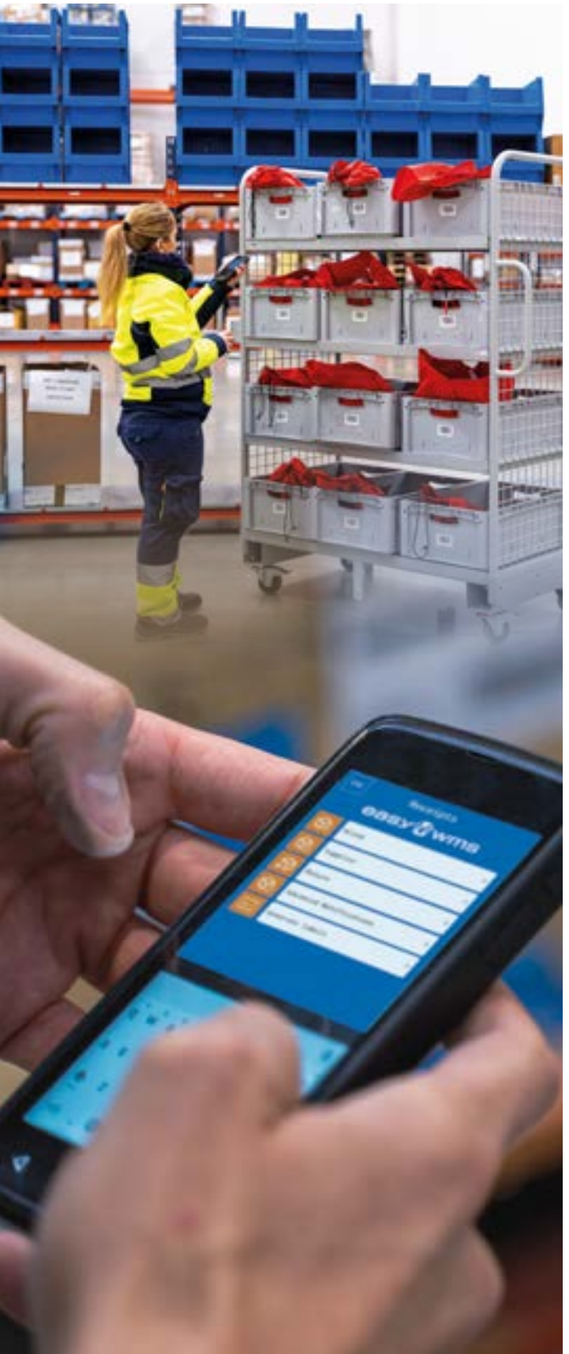
Software Solutions

# Warehouse Management System

## The logistics software created by warehousing experts

interlakemecalux.com/software

# Why digitalize your warehouse?



- **Know inventory** status in real time.
- **Cover warehouse operations comprehensively**, from receiving to shipping.
- Ensure product **traceability**.
- **Guide associates** in task completion.
- **Optimize location** control.
- **Eliminate errors** arising from manual management.
- **Be equipped with KPIs** to enhance decision-making.
- **Connect ERP software** with warehouse operations.

# What is easy wms?

Easy WMS is a robust, versatile, omnichannel **warehouse management system** with multi-owner and multi-facility capabilities.

The solution is deployable **in the cloud** or on-premise and features a user-friendly interface available in 14 languages.

Designed to oversee **medium and large facilities**, the software can be tailored to scenarios with differing levels of complexity, from logistics centers with manual operations to fully automated warehouses.

Easy WMS implementation ensures **complete, real-time product traceability**, **drastically reduces errors**, and **increases productivity**, guaranteeing a rapid return on investment.

## The software that transforms warehousing to optimize management and productivity

### SMART WAREHOUSE MANAGEMENT

Intelligent location assignment, task sequencing, and automated information flow minimize the risk of error. Additionally, these capabilities provide real-time inventory visibility and expedite key intralogistics processes such as receiving, order fulfillment, and shipping.

### EASY INTEGRATION WITH OTHER SYSTEMS

Easy WMS integrates with the main ERP programs on the market as well as multiple automated storage and retrieval systems (AS/RSs) and intralogistics robotic solutions. These include stacker cranes, pallet shuttle and pick/put-to-light systems, picking robots, AGVs, and AMRs. Strategic partnerships with leading technology providers ensure seamless implementation in scenarios of varying complexity.

### FLEXIBLE, SCALABLE IMPLEMENTATION

The cloud model's microservices architecture allows for continuous updates and improvements without downtime. Moreover, only the required functionalities are deployed, with the flexibility to expand as needed. These features position Easy WMS as a dynamic solution that evolves with clients, adapting to business and market challenges.

### CONTINUOUS INNOVATION AND UPDATING

The development of new capabilities and regular updates, together with predictive analytics for proactive system monitoring, make Easy WMS a constantly evolving software solution. This unique WMS — designed entirely by warehousing experts — is supported by a global intralogistics solutions leader with over 60 years of experience.

# The WMS that covers all warehouse operations

Easy WMS's capabilities provide full control over facilities and foster global, interconnected supply chain management.

**01.** Receiving

Verifies that inventory received matches that expected. Additionally, it allows for capturing the logistics attributes of products and checking their condition upon arrival.

**02.** Cross-docking

Enables the direct allocation of received goods to outgoing orders requiring them without having to store the products on racks.

**03.** Putaway

Consistently recommends the optimal location for storing items. It does this based on strategies configured according to product type, turnover, inventory ownership, storage area, assigned location prioritization, and other criteria.

**04.** Replenishment

Efficiently coordinates flows of goods from storage locations to picking positions. This functionality ensures a continuous supply of products for order fulfillment.

**05.** Inventory counting and management

Facilitates the creation of various types of stocktaking tasks to inventory stored goods.

**06.** Picking and packing

Optimizes order fulfillment operations, from picking to product labeling and packing.

**07.** Shipping

Automates the management of shipping tasks, such as container loading confirmation and monitoring of vehicle loading.

**08.** Supply Chain Analytics

Segments and structures the multiple data generated by the warehouse daily, converting them into valuable information for strategic decision-making to enhance productivity. It provides a wide range of standard reports based on the main logistics KPIs and can be customized to create reports tailored to business needs.

# easy wms modules

A wide range of advanced modules allow for easy, rapid expansion of Easy WMS's capabilities.

**Multi-Carrier Shipping Software**
Specially designed for e-commerce companies, the application organizes the packing and labeling processes and automates communication with couriers. It is the perfect answer to omnichannel and last-mile delivery challenges.

**Labor Management System (LMS)**
Measures warehouse productivity by comparing the target time assigned for each task with actual performance. The information collected identifies improvement opportunities in planning associate workflows and maximizes efficiency in task execution.

**Slotting for WMS**
Calculates the ideal location for each SKU based on a set of predefined rules, historical and current demand, sales forecasts, and real-time analysis of demand metrics (e.g., turnover and product affinity). This strategy optimizes space utilization and inventory control.

**WMS for 3PL**
Syncs all processes between the 3PL provider and clients to streamline billing, storage, order fulfillment, and shipping tailored to customer needs.

**WMS for Automation & Robotics**
Connects Easy WMS with the main AS/RSs and multiple robotic and intralogistics solutions.

**Yard Management System (YMS)**
Supervises vehicle movements in real time in several warehouse areas (yards, loading docks, parking zones, and access checkpoints). YMS strategically schedules loading and unloading appointments to improve vehicle flow, increase punctuality rates, and prevent bottlenecks.

**WMS for Manufacturing**
Efficiently and accurately manages the continuous supply of raw materials to production lines, their consumption, and the registration of finished goods. This application provides real-time visibility throughout the production cycle.

**Store Fulfillment**
Syncs inventory across a company's network of warehouses and physical stores for integrated management of product flows. The module enables the automatic generation of replenishment orders to prevent in-store stockouts and automates the management of reverse logistics processes.

**Marketplace Integration**
Connects Easy WMS with the leading marketplaces and e-commerce platforms. This solution is ideal for businesses with electronic sales channels, as it syncs online catalogs with physical warehouse inventory.

**Value-Added Services (VAS)**
Facilitates order customization by guiding associates in carrying out tailored work orders.





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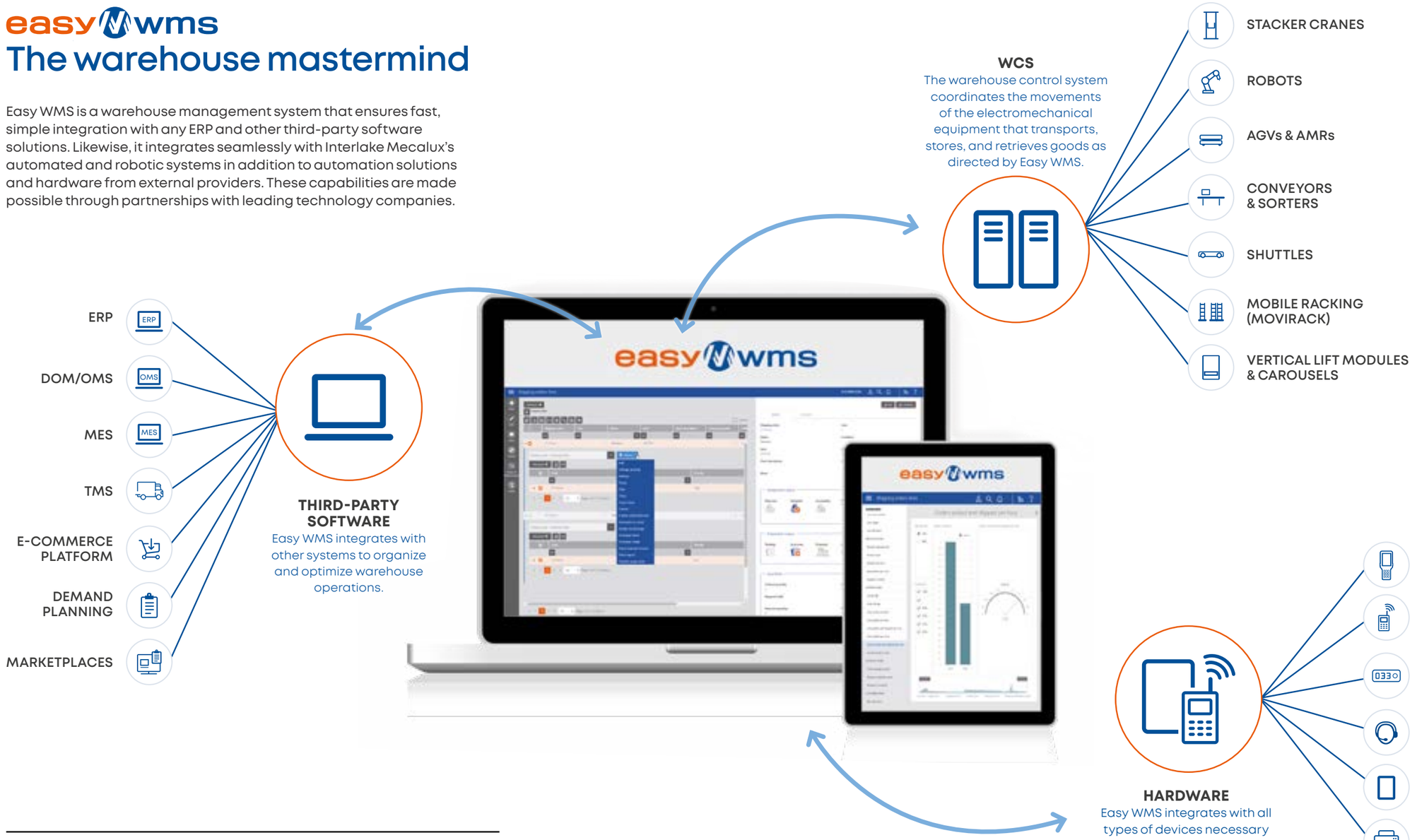
easy wms

# The warehouse mastermind

Easy WMS is a warehouse management system that ensures fast, simple integration with any ERP and other third-party software solutions. Likewise, it integrates seamlessly with Interlake Mecalux's automated and robotic systems in addition to automation solutions and hardware from external providers. These capabilities are made possible through partnerships with leading technology companies.




Mecalux Software Solutions partners with leading providers:

ORACLE Partner · SAP Certified Integration with SAP Applications · Microsoft Partner · ZEBRA TECHNOLOGIES







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# Interlake Mecalux: A holistic intralogistics solutions provider

Interlake Mecalux is a leading provider of warehouse storage systems, automation solutions, and software. Benefiting from over 60 years of experience through the Mecalux Group, Interlake Mecalux designs, manufactures, and markets a broad range of intralogistics solutions that drive the transformation of its clients' supply chains.

**Automated storage and retrieval systems (AS/RSs)**. Automated solutions that streamline intralogistics processes to increase efficiency and cost-effectiveness.

**Logistics software**. Applications adaptable to each company's needs to optimize logistics performance and drive supply chain efficiency.

**Metal racks**. Wide variety of storage solutions tailored to each intralogistics need.

## SOME OF OUR CLIENTS

PORCELANOSA · WÜRTH · MICHELIN · Nestlé · Conservas de Navarra · British Sugar · RENAULT · HAVI · INTERSURGICAL (Quality, innovation and choice) · CEPSA · SCHAEFFLER · Continental (The Future in Motion) · NOVARTIS · Johnson Controls · KERN PHARMA · Natura Bissé · HEIDELBERG · Hero · BASF (We create chemistry)

## WHAT CLIENTS SAY ABOUT OUR SOFTWARE

Capterra 4.4 · Software Advice 4.4





# Mecalux helps shape the future of logistics

In collaboration with Mecalux, the Massachusetts Institute of Technology's Center for Transportation & Logistics (MIT CTL) has launched the Intelligent Logistics Systems Lab. This innovation space will explore the potential of machine learning (ML) and artificial intelligence (AI) to transform the future of logistics. Over the next few years, Mecalux will provide technical insights and support from its software and automation experts.

"This new lab represents a significant step forward in our mission to innovate and improve global logistics systems. With the support of Mecalux, we are confident that our research will lead to groundbreaking advancements in the field."

Yossi Sheffi
Director, MIT CTL

## The MIT Intelligent Logistics Systems Lab's five key research streams

**Predictive intelligence**
Development of highly accurate near-term forecasting, essential for ensuring responsive logistics services.

**Autonomous intelligence**
Exploration of the role and impact of advanced logistics systems and technologies that can independently perform tasks, make decisions, and learn from their environments without continuous human intervention.

**Prescriptive intelligence**
New methods and models that combine operations research with ML and AI to solve complex combinatorial optimization problems for logistics.

**Collective intelligence**
Collective behavior and coordination of autonomous systems or entities working together to solve a common problem.

**Augmented intelligence**
Enhanced human decision-making by combining human intelligence with AI.

**Mecalux Software Solutions has integrated generative AI into Easy WMS. This capability allows users to interact with the software via a chat that interprets and responds to complex questions, streamlining decision-making and enhancing warehouse efficiency.**

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# Why choose Mecalux Software Solutions?

Continuous software **developments and updates** thanks to major investment in R&D.
**Technical support** available 24/7 in multiple languages, year-round.
**Modular architecture** that allows for deploying only the necessary functionalities, with the option to scale in the future.

**60+**
years of warehouse design expertise

**400+**
software engineers

**1,100+**
facilities with Easy WMS

**36**
countries where Easy WMS manages warehouses

**Mecalux has commercial offices in 26 countries**
Argentina · Belgium · Brazil · Canada · Chile
Colombia · Croatia · Czechia · Estonia · France
Germany · Italy · Latvia · Lithuania · Mexico
Netherlands · Poland · Portugal · Romania · Slovakia
Slovenia · Spain · Turkey · UK · Uruguay · US

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