

# EASY WMS MODULES AND FUNCTIONALITIES







**easyWMS**  
WAREHOUSE MANAGEMENT SYSTEM

## WAREHOUSE OPTIMISATION EXPERTS

8 reasons to choose Easy WMS

1

Manage  
omnichannel  
operations

2

Adapt to new  
e-commerce  
needs

3

Get precise,  
high-speed  
picking

4

Receive  
real-time stock  
control

5

Lower  
logistics costs

6

Increase  
storage capacity

7

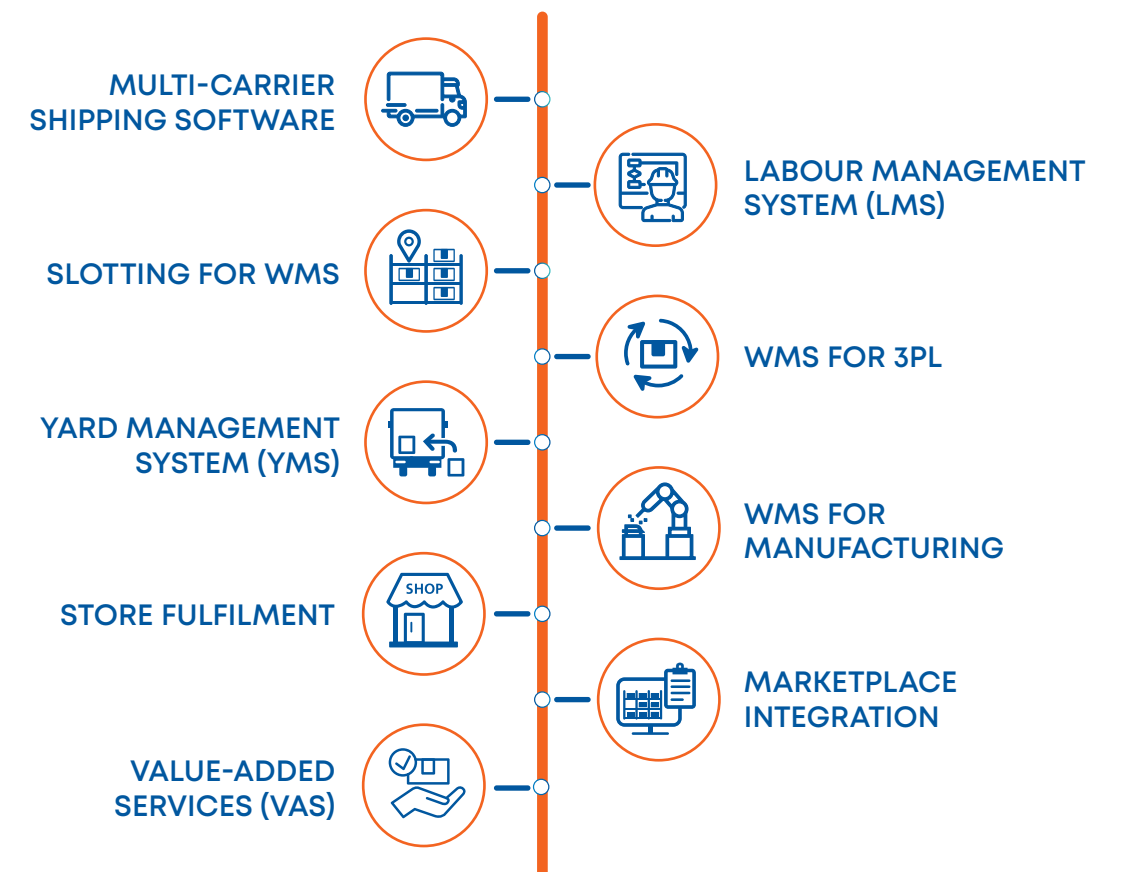
Eliminate  
errors

8

Reduce  
handling tasks



INTERCONNECTED SOLUTIONS FOR YOUR SUPPLY CHAIN



Mecalux collaborates with leading providers that endorse the quality, reliability and advanced technology of Easy WMS

ORACLE Partner

Microsoft Partner

ZEBRA TECHNOLOGIES

SIEMENS



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## MULTI-CARRIER SHIPPING SOFTWARE

### Packing and integration with carriers

In today's market, any inefficiency in last-mile delivery could mean a serious loss of business. To respond to this challenge, Mecalux has launched the advanced Multi-Carrier Shipping Software module to **automate direct communication between the warehouse and the various transport agencies.**

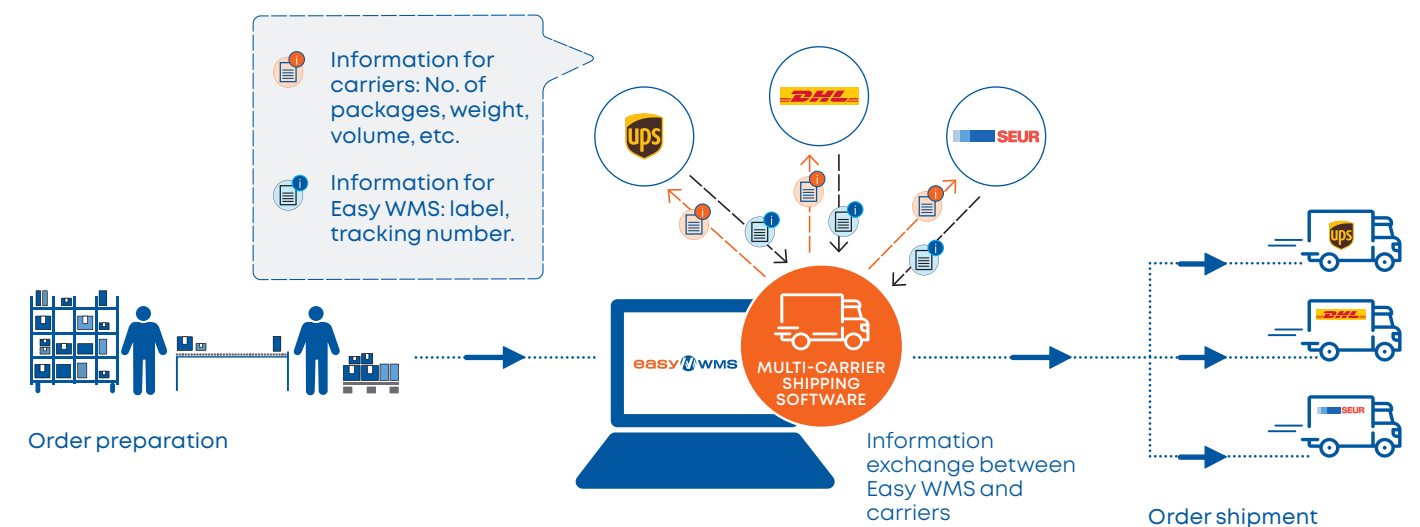
This additional module from Easy WMS is charged with organising the packaging, labelling and shipping processes. Errors are, thus, eliminated in these operations, ensuring better service for end customers.

Implementing Multi-Carrier Shipping Software gives your company **comprehensive control over the entire goods dispatch process**: from product packaging through to the creation of the tracking number used to monitor the parcel. In addition, Multi-Carrier Shipping Software generates and prints key documentation for effective shipments, e.g., the product shipping label and corresponding delivery note.

The module comes integrated with the major international transport agencies. Nevertheless, as this product is continuously developed, other carriers used by our customers are incorporated on an ongoing basis. These are some of them:



### SYNCHRONISATION OF THE WAREHOUSE WITH TRANSPORT AGENCIES



Multi-Carrier Shipping Software coordinates Easy WMS with carriers to ensure agile, error-free logistics service

**Multi-Carrier Shipping Software from Easy WMS** simplifies everyday interaction with transport agencies so that logistics managers can focus on providing end customers with efficient, error-free service.

### Multi-Carrier Shipping Software features

-  **Packaging** of the items that make up the order
-  Printing of a **delivery note** for each shipping order
-  Generation of carrier **labels**
-  **Tracking number** notification
-  **Real-time** synchronisation between the warehouse and carriers
-  **Lorry loading** by route



### What do our customers say?



"With Easy WMS and Multi-Carrier Shipping Software, we don't make mistakes. We're more productive, faster in order picking and distribution, and we've optimised our storage space."

**Thomas Largeron**  
Manager at La Ruche Logistique





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## LABOUR MANAGEMENT SYSTEM (LMS)

Maximise your warehouse throughput

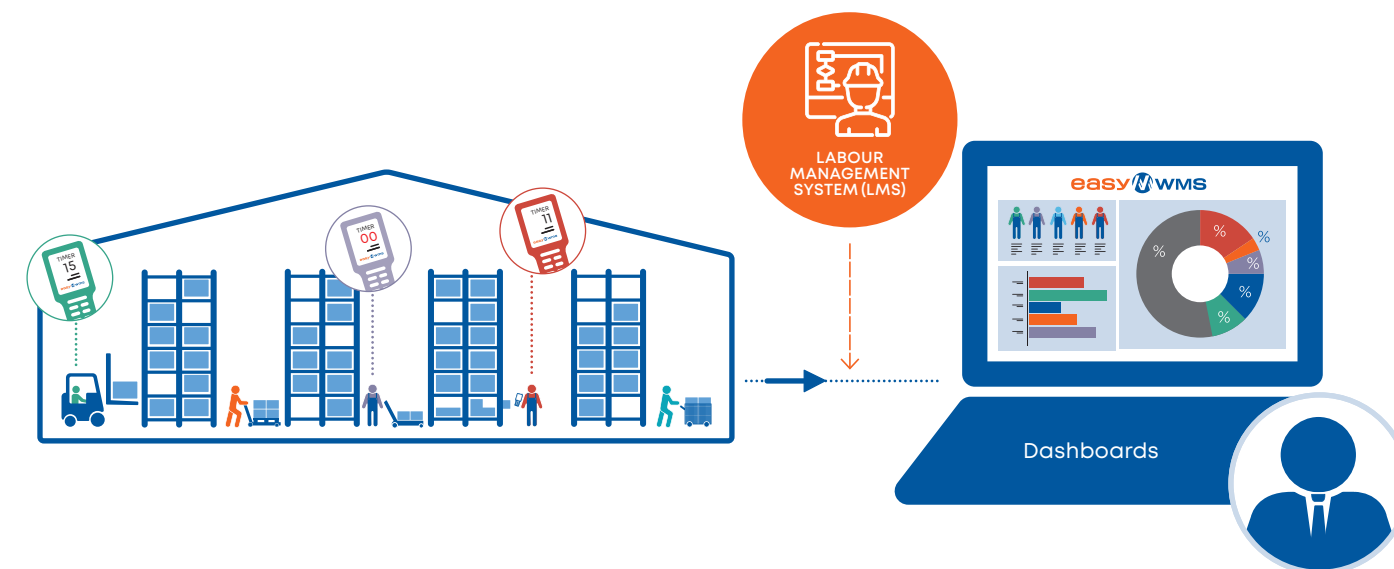
Labour Management System **objectively measures your warehouse productivity** and detects improvement opportunities for your company.

The software **records the optimal time to carry out each task** and compares it with actual performance. The information collected by the software lets you objectively measure throughput to **optimise processes in your facility**.

### BENEFITS OF LABOUR MANAGEMENT SYSTEM (LMS)

- Maximised warehouse **productivity**
- Detection of **improvement opportunities** in workflows
- Workforce **planning**
- Increased operator **throughput**
- Optimal execution of **tasks**
- Comprehensive performance **control**

### OPERATION OF LABOUR MANAGEMENT SYSTEM (LMS)



Labour Management System predetermines the necessary resources for maximum warehouse efficiency

### Functions of Labour Management System (LMS)

-  Measure in detail the actual times of processes carried out in the warehouse
-  Compare actual times with target times to establish standards and individual or team performance
-  Detect inefficiencies in procedures to identify opportunities for improvement
-  Monitor key performance indicators (types of processes, work shifts, etc.)







## SLOTING FOR WMS

Automate location management in your warehouse

This software **determines the optimal location for each SKU** based on a set of rules and criteria predetermined by the logistics manager and an analysis of current and historical demand for each product.

The module calculates the ideal location for goods based on the warehouse layout, handling equipment and picking method employed. In doing so, **it recommends classification of products according** to sales forecasts or demand analysis. This way, SKUs that are usually ordered together are slotted close to each other, optimising operator pick paths.

This is especially useful in the e-commerce and retail industries and in highly seasonal businesses with promotional campaigns, i.e., Black Friday. Slotting for WMS analyses current, historical and future demand, **suggesting a redistribution of storage locations** to facilitate more productive picking and minimise manual errors. Additionally, the module can be configured to make automatic recommendations regularly and even propose suggestions only when a certain benefit threshold is exceeded.

### BENEFITS OF SLOTING FOR WMS

Enhanced utilisation of warehouse space

Cost reductions in order fulfilment and storage

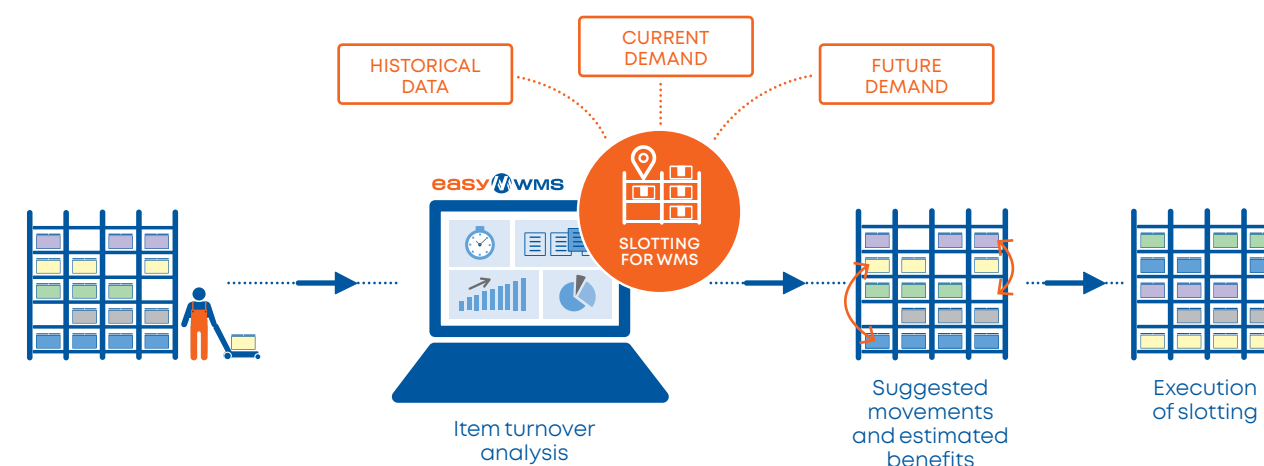
Efficiency in order picking and supply processes

Optimisation of pick paths in manually operated warehouses

Real-time updates of orders for each product

Better insight into demand and more effective inventory control

### ELIMINATE COST OVERRUNS IN YOUR PICKING OPERATIONS



Slotting for WMS reduces time and operational costs by automating location management

### Functions of Easy WMS's Slotting for WMS

- Organisation and recommendation of warehouse location changes
- Analysis of turnover and demand (current and historical) for each SKU
- Automatic generation of stock relocation tasks for each SKU
- Execution of movement tasks to carry out slotting

### In-warehouse location management

Slotting for WMS, the advanced Easy WMS functionality, requires **proper parametrisation** of the module and of the warehouse management system using data on the operation of the warehouse, its layout and the assignment of each SKU located in the facility.

Easy WMS's Slotting for WMS performs analyses and recommendations prior to initiating any movements. This allows for work to be organised based on estimated benefits. Once the recommendations are approved, Slotting movement tasks are created.





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## WMS FOR 3PL

Simplify and improve management with your customers

This Easy WMS module features **solutions for logistics providers**, facilitating decision-making regarding storage, picking and order shipping for their clients. To do this, it employs several functionalities: 3PL Client Portal, 3PL Billing and Client-Specific Rules.

**3PL Client Portal** offers logistics service providers' clients remote access to the warehouse management system (WMS), allowing them to monitor the status of their stock in real time. Additionally, it eliminates manual communication processes between logistics providers and their clients, automatically notifying clients of any changes in the status of their stock via email, SMS or pop-up in the WMS interface.

The **3PL Billing** functionality enables 3PL providers to record and quantify the logistics activities they carry out for subsequent invoicing to their clients.

**Client-Specific Rules** allows for fast, easy customisation of warehouse logistics processes based on the specific requirements of each stock owner or end customer.

### BENEFITS OF WMS FOR 3PL

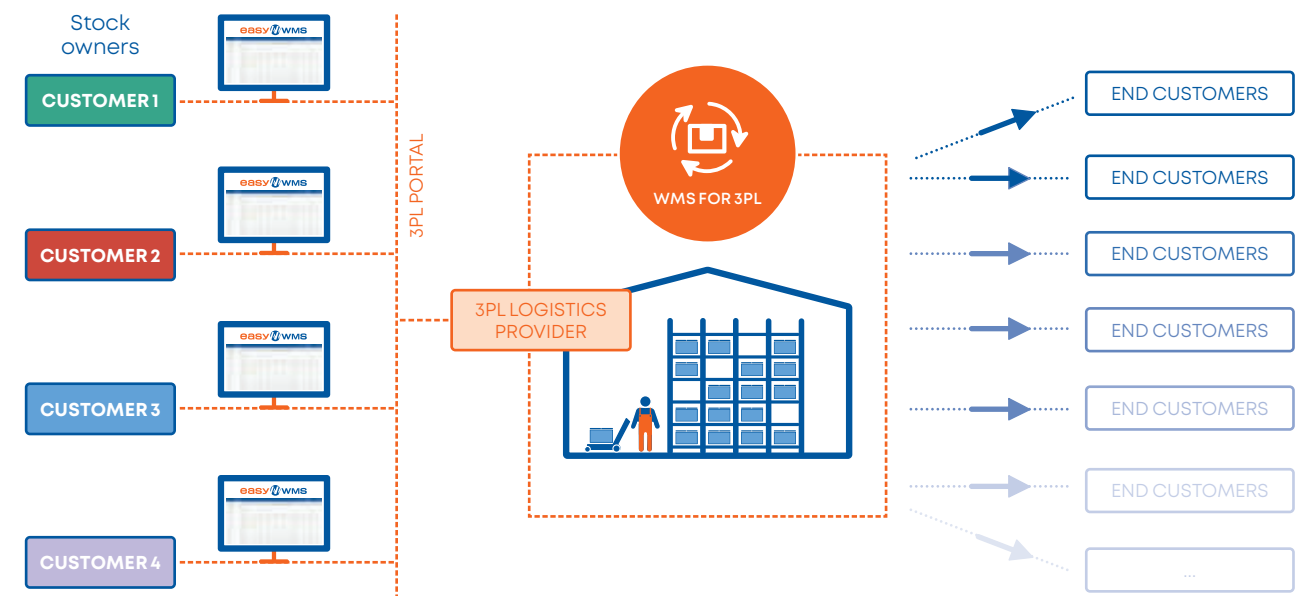
**Optimises relationships between logistics providers and their clients** by providing transparent and secure access to information on the stock they own

**Reduces costs** and streamlines processes, avoiding information loss

**Enhances customer service** and the services provided to different clients

Facilitates the **adaptation of warehouse processes** to changing logistics demands

### THE BEST LOGISTICS SERVICE FOR CUSTOMERS OF 3PL PROVIDERS



### 3PL Portal capabilities

- Direct interaction between logistics providers and stock owners via the Easy WMS interface
- Stock filtered according to different logistics attributes
- Customised views of Easy WMS for each customer
- Immediate notification to customers of events associated with the various logistics activities in the warehouse
- Monitoring of activities through dashboards and key performance indicators (KPIs)

### 3PL Billing capabilities

- Quantification and optimisation of logistics activities
- Automatic recording and accounting of all tasks performed in the warehouse
- Identification of the client associated with these activities for individualised invoicing

### Client-Specific Rules capabilities

- Quick, simple customisation of logistics processes based on 3PL client requirements
- Configuration and adaptation of warehouse processes to the specific needs of each customer or stock owner
- Assignment of each activity to the corresponding customer to generate a billing report with the services rendered



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## YARD MANAGEMENT SYSTEM (YMS)

**Eliminate bottlenecks at the docks**

This advanced Easy WMS functionality **supervises movements of vehicles in the yards** of warehouses and distribution centres. The software provides logistics managers with real-time visibility of incoming and outgoing vehicles. It also displays KPIs and generates reports and audits to improve punctuality rates and warehouse efficiency.

Yard Management System (YMS) **syncs operations at the loading docks**, enabling efficient planning of goods receipt and dispatch. It monitors traffic in the yard, at the docks, and in the parking zones at all times, enabling fast reassignment of vehicles to docks if necessary.

### BENEFITS OF YARD MANAGEMENT SYSTEM (YMS)

**Optimised use** of yards and loading docks

**Safety and control** at warehouse access points

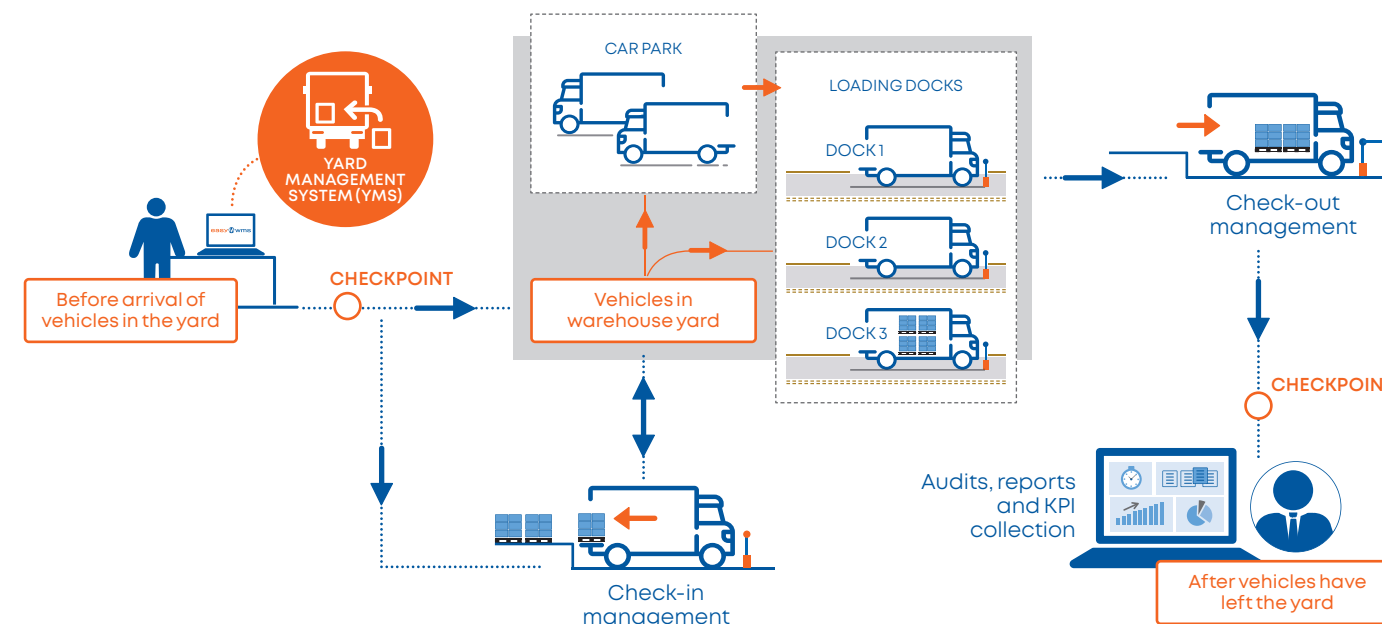
**Streamlined wait times** in goods receipt and dispatch

**Quick assignment or reassignment** of vehicles to docks

**Smooth communication** with customers, suppliers and carriers

**Fewer errors** and unnecessary movements

### OPTIMISE YARD MANAGEMENT AT YOUR WAREHOUSE



Yard Management System (YMS) ensures control over the management of warehouse yards

### Functions of Yard Management System (YMS)

- Planning and management of appointments for goods delivery and/or pick-up
- Coordination of stock check-in and check-out
- Supervision of the use of loading and unloading areas, parking zones and access points
- Notification to drivers of data such as available docks, departures from docks, etc.
- Audits, reports and KPI collection

### Synchronisation of movements in the warehouse yard

To enhance logistics service in warehouse yards, Yard Management System (YMS) **enables seamless communication between clients, logistics providers and drivers**. It automatically notifies drivers of the most relevant data, i.e., available docks and contact information.

The Easy WMS module **validates the check-in of all vehicles that access the yard**. After identifying them, it automatically assigns each vehicle a dock or parking space. In this stage, the module is responsible for managing all vehicles in the yard and supervising the status of the docks and of each parking space.

YMS also **optimises vehicle exits**: it checks departure times to carry out audits, identifies goods and drivers, and generates and prints the necessary documentation.





# WMS FOR MANUFACTURING

End-to-end traceability in production processes

This module **provides real-time visibility into the supply of production lines**, ensuring traceability of raw materials, semi-finished products and finished goods.

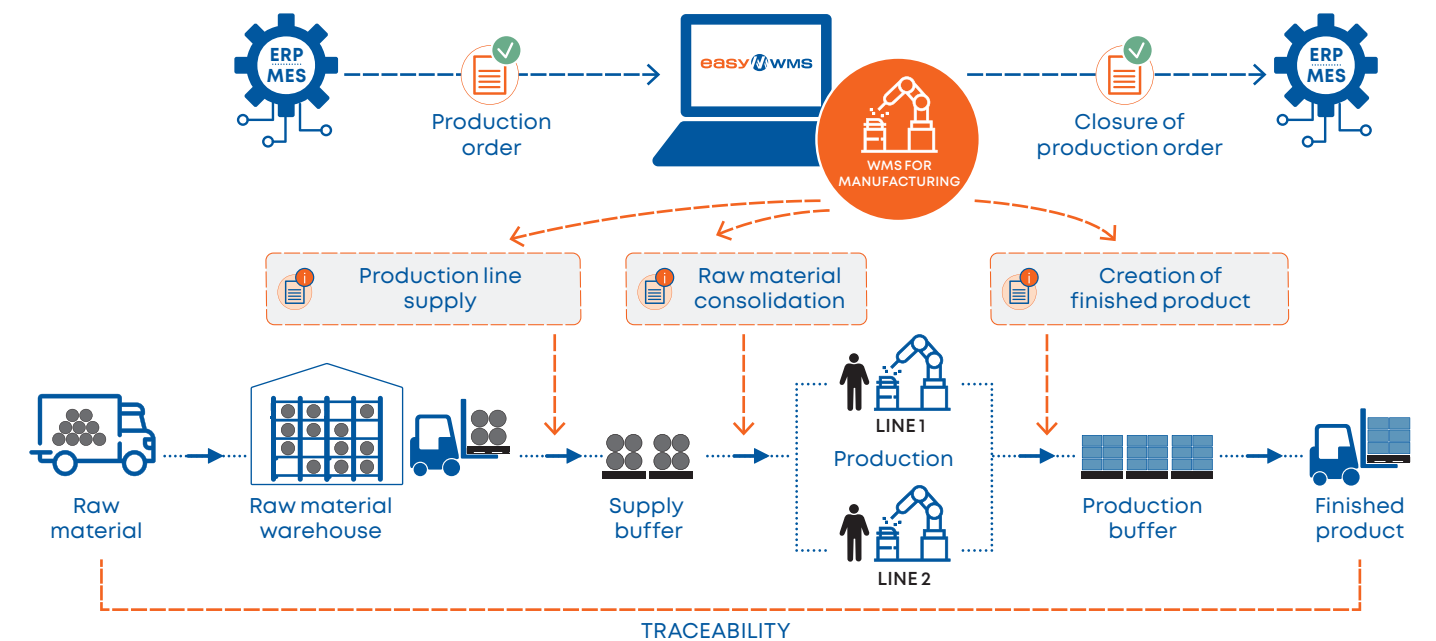
Easy WMS effectively coordinates storage tasks such as order preparation and slotting management. By installing WMS for Manufacturing in addition to Easy WMS, you'll gain **rigorous control of the status of your raw materials and manufacturing processes**, facilitating **accurate product traceability**.

In fact, systematised management of the production processes makes it possible to track the raw material consumed in each stage. This provides detailed information about each of the materials used to make the final product. Thus, with Easy WMS, you'll have **real-time visibility of the inventory** that supplies the production lines, of **raw material consumption and of the stock** of finished and semi-finished products.

## BENEFITS OF WMS FOR MANUFACTURING

- End-to-end traceability of production processes
- Efficient picking routes for supplying the production lines
- Real-time visibility of inventory
- Control of the **actual consumption** of raw material
- Just-in-time (JIT) **manufacturing support**
- Prevention of **stockouts** in the supply chain

## WMS FOR MANUFACTURING: LOGISTICS PROCESS



Implementing WMS for Manufacturing from Easy WMS ensures uninterrupted production and optimal product traceability

## Continuous production

The WMS for Manufacturing module from Easy WMS controls the **transformation of raw materials into finished products** based on the production orders and bills of materials (BOMs) of each production line.

It also creates and manages **operators' order picking tasks** to supply raw materials to the production lines at the right time. Hence, this software carries out real-time synchronisation of the stock in the supply buffers and that of finished and semi-finished goods.

Finally, once the finished (or semi-finished) product has been manufactured, the production order is closed: the software automatically notifies the ERP system of the end of the process and issues the order to transfer the item to the storage or dispatch area.

## WMS for Manufacturing: features

- Provides instructions** and configures the list of raw materials for production
- Generates picking tasks** to supply production lines
- Manages supply orders** based on manufacturing orders
- Controls** manual and automatic consumption of materials used in production
- Generates detailed reports** (e.g., on real raw material consumption and defective products)





## STORE FULFILMENT

Efficient stock management for distribution to physical shops

The Store Fulfilment module has been **designed for companies that need real-time control over inventory** of their warehouse and physical shops. Additionally, it syncs supply operations throughout the distribution network such as picking, replenishment, transfers between shops and returns.

### BEST-IN-CLASS FEATURES OF STORE FULFILMENT

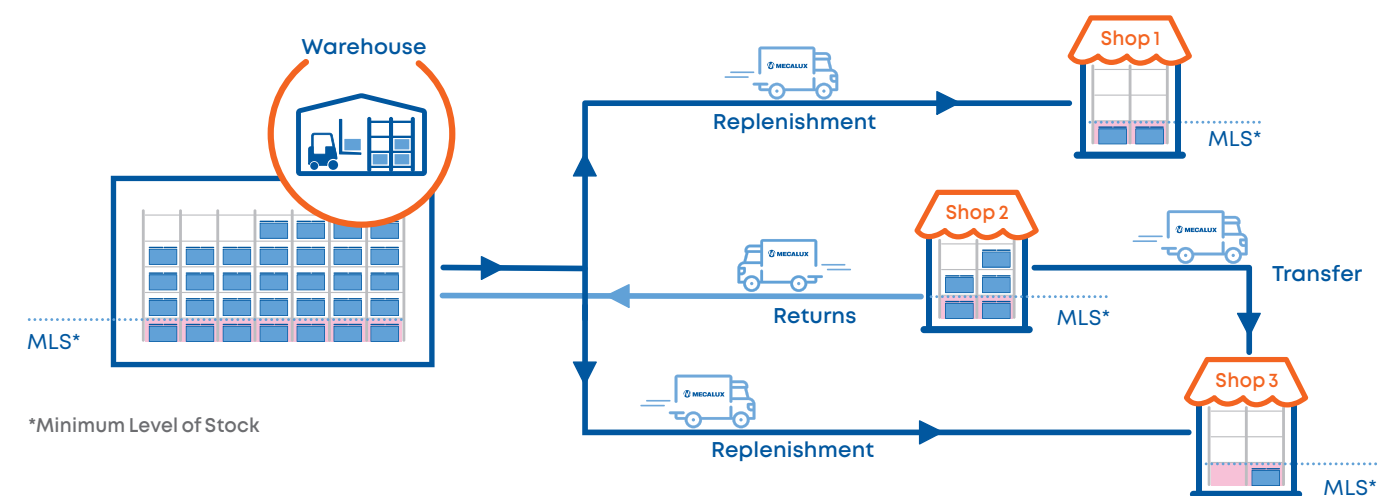
- WMS integration with point of sale (POS) terminals
- Automatic replenishment of shop items depending on stock level
- Task generation after an in-shop sale or return
- Transfers of in-warehouse items to shops or between shops
- Warehouse management with cash-and-carry model
- Quick in-shop stock counts
- Automatic reports (stock level by shop or stock on the way, etc.)

### WHAT BENEFITS DOES IT PROVIDE?

|                                                  |                                                 |
|--------------------------------------------------|-------------------------------------------------|
| Inventory always updated in warehouse and shops  | Coordinated transfers between shops             |
| Stockouts eliminated in shops                    | Efficient customer returns management           |
| Task synchronisation between warehouse and shops | End-to-end distribution visibility in real-time |

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### LOGISTICS PROCESS OF THE STORE FULFILMENT MODULE



Store Fulfilment synchronises inventory and workflows to ensure optimal stock management between the central warehouse and the physical shop network

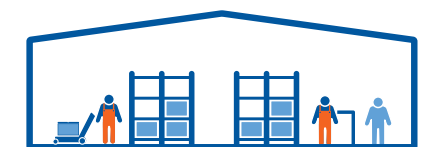
### Store Fulfilment adapts to different shop types



**Central warehouse with management of independent shops.**  
A distribution centre serves one or more shops in different geographical locations. Shops are replenished with goods available in the distribution centre. The system controls returns and transfers between shops.



**Warehouse with direct sales.**  
Customers pick the products they need from the shelves and pay at the counter. In this case, the shop and warehouse inventory are managed separately.



**Warehouse with management of integrated shop.**  
Customers order the products they need at the shop counter. Then, operators are responsible for locating them in the warehouse. Once the sale is made, the system updates the inventory automatically.





## MARKETPLACE INTEGRATION

Sync your warehouse stock with your online product catalogue

Connect Easy WMS with the main digital sales platforms and marketplaces to synchronise your online product inventory with your physical warehouse. Implementation of this solution eliminates errors and additional costs arising from manual management.

This module is the ideal solution for **customers that sell their products via one or more online retail channels**: it means that logistics managers no longer have to deal with communication with the sales channels. Instead, they can focus on offering flexible and efficient service.

Integrated in this additional Easy WMS feature are several of the major marketplaces and e-commerce platforms:



### FUNCTIONS OF MARKETPLACE INTEGRATION

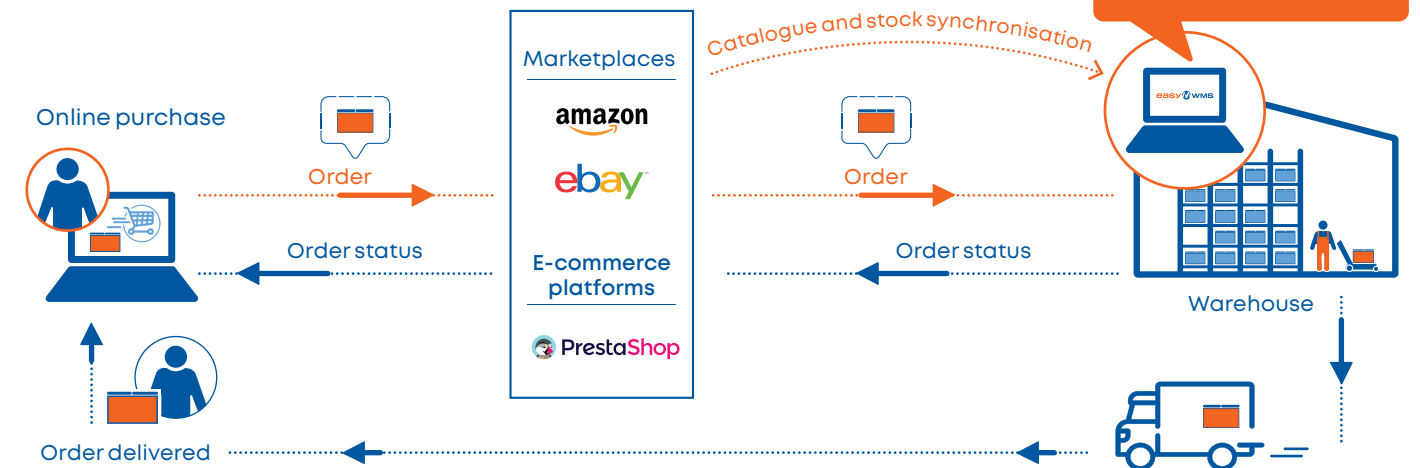
**Synchronisation** between the catalogue and the various platforms

Streamlined management of **new orders** (including cancellation and closure)

Updating of the **status of orders** in the warehouse and online

Notification of the transport agency and **tracking code** (Multi-Carrier Shipping Software capability)

### MARKETPLACE INTEGRATION: LOGISTICS PROCESS



Marketplace Integration joins Multi-Carrier Shipping to provide a comprehensive response to our e-commerce customers' logistics demands: end-to-end management, encompassing the online sale, preparation of the order and its shipment

### Advantages of Marketplace Integration

**Automated communication** between the warehouse and the various marketplaces and platforms

**End-to-end elimination of errors:** from end-customer purchases to last-mile management

**Synchronisation of orders, catalogues and inventory** between warehouses and online sales channels

**Elimination of unnecessary tasks** that limit business growth

### Easy WMS: a comprehensive solution for e-commerce firms

Marketplace Integration joins Multi-Carrier Shipping to provide a comprehensive response to our e-commerce customers' logistics demands: end-to-end management, encompassing the online sale, preparation of the order and its shipment via the various transport agencies.

Easy WMS also offers a complementary solution for our customers with omnichannel businesses: the Store Fulfillment module helps to supply and manage the inventory of the company's network of physical shops.

These combined solutions facilitate management of highly complex scenarios such as BOPIS (buy online, pick up in store) and BORIS (buy online, return in store).





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## VALUE-ADDED SERVICES (VAS)

Automating product personalisation

Value-added services are **performed on a product** to enhance its value, improve its functionality or increase its usefulness.

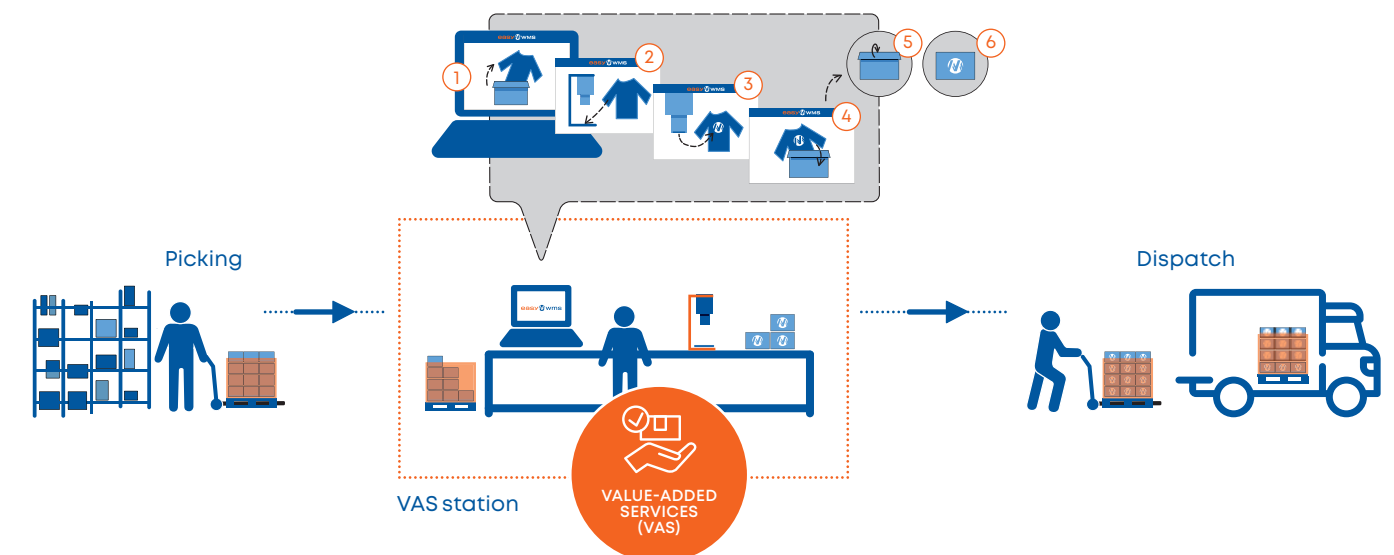
The Value-Added Services (VAS) module enables the seamless integration of these services with other Easy WMS operations.

### BENEFITS OF VALUE-ADDED SERVICES (VAS)

- Cost control of the service performed
- Maximum **agility** in VAS operations
- Comprehensive visibility** of value-added processes performed on items
- Elimination of errors** in the personalisation and adaptation phase
- Monitoring of task completion time** (Labour Management System functionality)

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### CUSTOMISATION PROCESS WITH VALUE-ADDED SERVICES (VAS)



Easy WMS's Value-Added Services module ensures fast, efficient, error-free order customisation processes

### Cost-effective order picking and dispatch

The increasing demand for order customisation in the warehouse has forced companies to incorporate value-added workstations to offer **agile, error-free service** during the order picking and dispatch stages.

Industries such as the **e-commerce and automotive** sectors require **systematised product customisation**. This guides operators step-by-step as they carry out value-added work orders, avoiding errors. Examples of VAS tasks include garment hanging, printing/screen printing on fabrics, labelling and customised packaging, among others.

In addition to adding value during order processing, this functionality **can also be carried out in other warehouse processes**: receiving, packaging, packing and labelling.

Value-added services can be done at VAS stations or during the performance of different processes or tasks. In the case of the latter, these services are simple activities that do not require special space or equipment.

### VAS module capabilities

- Guide operators in their tasks** and send detailed instructions, taking into account stock quantities
- Create and execute value-added orders** in inbound and outbound processes. Ability to generate orders manually or receive them from the ERP
- Perform value-added orders** at packing stations





## Why choose Mecalux Software Solutions?



The company has **55+ years of experience** in warehousing solutions and a presence in **over 70 countries**.



More than **400 engineers** are exclusively dedicated to the development of logistics and supply chain software.



More than **1,100 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.

Mecalux has commercial offices in 23 countries

Argentina · Belgium · Brazil · Canada · Chile  
Colombia · Croatia · Czechia · France · Germany  
Italy · Netherlands · Mexico · Peru · Poland · Portugal  
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