



Distributed Order Management (DOM)

Advanced order management software for businesses with multiple distribution centers

Easy DOM is a cloud-deployed distributed order management system that optimizes the selection of order fulfillment locations within a network of warehouses and distribution centers. Easy DOM operates based on inventory availability and a set of prioritization rules tailored to a company's business model. To achieve this, the software integrates and synchronizes the various supply chain actors. These range from warehouses, stores, 3PL providers, and shipping agencies through to ERP systems, marketplaces, and call centers. Easy DOM is a versatile, robust software program that offers the perfect solution to the challenges of omnichannel retail. It provides full visibility into inventory and streamlines order orchestration.

Moreover, it meets consumers' increasing expectations, such as access to different sales channels and delivery options (e.g., home delivery and in-store pickup). With a wide range of capabilities designed to optimize order allocation and deliver unique customer experiences, Easy DOM helps maximize operational efficiency and cost-effectiveness.

Benefits

- **Optimized order routing**
Orders are assigned automatically to the ideal shipping locations according to each center's inventory levels and workload capacity as well as preconfigured prioritization rules.
- **Global inventory visibility**
Aggregated and disaggregated views of each item's inventory level provide a dynamic, interconnected, real-time view of inventory availability and stock flow throughout the supply chain.
- **Maximum customer satisfaction**
Intelligent order orchestration offers shopping experiences that meet customer requirements and drive sales. It ensures delivery commitments are met through fast, on-time, error-free shipments.
- **Multilevel and omnichannel integration**
The consolidation of all supply chain levels facilitates the management of complex scenarios in businesses with extended distribution networks incorporating multiple sales channels and shipping locations.

Software designed for seamless supply chain integration



• Business rules

Supply chain modelling tailored to business priorities

The company is modeled by defining the nodes that make up its supply chain network and creating prioritization and hierarchy rules that underpin the orchestration strategies.



• Order orchestration

Intelligent management for distributed, dynamic, flexible order shipping

Easy DOM optimizes order assignment based on variables such as inventory availability, order characteristics, workload per node, business rules, and service-level agreements. The system orchestrates fulfillment optimally, assigning each outbound order to the ideal supply node. It aligns with business model priorities to reduce delivery times and maximize cost-effectiveness.



• Inventory visibility

Real-time global stock visibility

Easy DOM centralizes inventory control to ensure the availability of items required for order orchestration and anticipate contingencies that could affect the supply chain.

Additional capabilities



• Supply Chain Analytics

Centralised, real-time supply chain monitoring

Through the Supply Chain Analytics capability, Easy DOM enables the creation of customized dashboards tailored to company business needs. The software acts as a control tower for proactive, real-time monitoring of the supply chain status.



• Notifications and alarms

Configurable alerts for immediate incident detection

Easy DOM allows companies to configure event notifications. These range from order confirmation (both assigned and unassigned) to warnings about communication failures between nodes. Subscribing to these notifications enables real-time supply chain status monitoring.



• Customer service

Detailed monitoring for agile, efficient customer support

Easy DOM's features designed to assist order and incident management teams significantly enhance the customer experience by increasing loyalty.

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.

