

evomag

Case Study



Objective:

- ▲ Keeping pace with continuously growing order volumes by investing in a scalable, future-ready WMS platform designed for adaptability, operational agility and continuous innovation.

Facts:

- ▲ 1 central warehouse in Bucharest
- ▲ 3,800 m² warehouse space
- ▲ 150K+ active SKUs
- ▲ 80 employees

Solution:

- ▲ evomag's legacy WMS replacement with Mantis WMS LVS
- ▲ Inbound/outbound workflows optimization
- ▲ LVS Control Tower
- ▲ LVS Slotting Optimization
- ▲ Mantis WMS LVS integration with e-commerce platform

Results:

- ▲ +100% order processing capacity
- ▲ +30% storage capacity
- ▲ >90% orders shipped same day
- ▲ +20% year-on-year volume growth comfortably served

Scaling a Romanian e-Commerce Retailer: evomag's Journey to Faster Fulfilment with Mantis WMS LVS



The Company

evomag (www.evomag.ro) is one of Romania's leading e-Commerce players in the consumer electronics and home appliances sector. The company offers an extensive product portfolio spanning computers and accessories, audio-visual equipment, smart home solutions, and large household appliances.

Operating primarily in a B2C model, evomag serves a tech-savvy consumer base while steadily growing its B2B segment. Sales are driven through its proprietary e-Commerce platform, supported by a physical pick-up point in Bucharest and a network of additional pick-up locations across Romania. The company operates a central warehouse of 3,800 m² in Bucharest, with over 150.000 active SKUs and approximately 80 employees.



The Challenge

The company's logistics operations are characterized by high-velocity fulfillment, diverse product sizes (from CPUs to large appliances), and "next-day delivery" demanding requirements. Rapid growth in order volumes and continuous product range diversification placed evomag's legacy warehouse management system under severe strain.

The business faced several interconnected operational challenges:

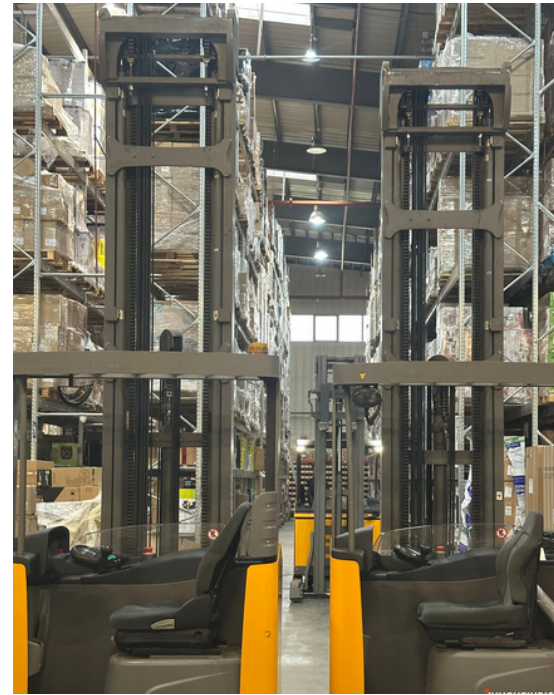
- ▲ Picking errors generating costly returns and eroding customer satisfaction in a market where next-day delivery is the benchmark.
- ▲ Lack of real-time inventory visibility, making it difficult to accurately allocate stock and fulfil orders reliably.
- ▲ The need to scale throughput significantly — particularly during peak events such as Black Friday — without a proportional increase in labor costs.
- ▲ Weak integration between the existing ERP and the proprietary e-Commerce platform, causing data inconsistencies and order processing delays.

The company required a robust, purpose-built WMS capable of delivering full process automation, end-to-end traceability, and seamless connectivity with its own e-Commerce platform — all to keep pace with relentlessly growing order volumes.

Why Mantis

evomag selected Mantis Logistics Vision Suite (LVS) to replace its legacy ERP-based WMS because of the below factors:

- ▲ The flexibility of LVS, enabling configuration for warehouse flows involving products of vastly different sizes – from small electronic components to large appliances.
- ▲ Mantis's proven expertise in e-Commerce logistics and deep understanding of high-velocity fulfilment operations.
- ▲ Mantis's deep know-how in the specific requirements of the ICT sector based on large and complex projects worldwide.
- ▲ Advanced integration capabilities allowing seamless connectivity with evomag's e-Commerce platform.
- ▲ Sophisticated picking and slotting optimization algorithms designed to manage large, diverse SKU catalogues at scale.



The Solution

The implementation encompassed full integration with evomag's e-Commerce platform and the configuration of advanced warehouse management logic. **A critical project requirement was ensuring zero downtime during the transition from the legacy system – met through careful phased migration planning.** The solution introduced a range of capabilities that fundamentally transformed daily warehouse operations:

- ▲ Intelligent slotting algorithms to increase storage capacity within the existing warehouse surface, without any physical expansion.
- ▲ Optimized pick-path routing that guides warehouse staff along the most efficient routes, maximizing picks per hour.
- ▲ Real-time automated task allocation, eliminating paper-based processes and manual work.
- ▲ A Control Tower module providing advanced analytics, enabling managers to identify bottlenecks instantly and make accurate, data-driven decisions in time.
- ▲ With the use of the LVS parcel management module seamless integrations with carriers such as Glovo and Bringo and parcel locker networks such as Easybox, FanBox, supporting true omnichannel distribution.

The project was implemented by **Senior Software**, Mantis' valued partner in Romania.

Benefits

Following the deployment of Mantis LVS, evomag recorded significant improvements:



The same team now handles volumes that would have been impossible under the previous system.



Employee morale and productivity improved significantly as intuitive digital guidance replaced manual, paper-based workflows.



Bottlenecks even during peak surges like Black Friday are now totally prevented.



Mantis WMS LVS provides a scalable foundation that supports evomag's expansion into new product categories and international marketplaces without requiring a complete warehouse overhaul.



Results



+100% order processing capacity



+30% storage capacity



>90% orders shipped same day



+20% year-on-year volume growth
comfortably served

Strategic Impact

The Mantis LVS implementation is more than an operational upgrade — it provides the scalable foundation evomag needs for long-term growth. The system's architecture allows the company to expand into new product categories and international marketplaces without requiring a complete warehouse overhaul.

The Bucharest facility has been transformed from a static cost centre into a dynamic competitive advantage — one capable of supporting multi-channel distribution models and adapting fluidly to evolving market demands.



Testimonial



The implementation of Mantis LVS helped us increase daily order processing capacity and use the existing warehouse space more efficiently. For evomag, the main gain was operational control: better visibility, faster picking flows and the ability to manage higher volumes without rebuilding the warehouse infrastructure. This was especially important during peak periods such as Black Friday and as we continued to expand our product portfolio and sales channels.



Marian Popescu, Warehouse Manager, **evomag**

Mantis, established in 1996, is a leading international WMS / logistics software and solutions vendor with European origins. With 10 offices and many qualified partners, Mantis is present in 30+ countries in Europe, North + Latin America, Middle East + North Africa and Asia-Pacific.

At the beginning of 2022 Mantis merged with Logistics IT specialist ecovium, a leading provider of SCE software and hardware solutions for Supply Chain processes. German-headquartered ecovium and Mantis join forces to offer integrated, state-of-the-art Supply Chain Execution (SCE) solutions on an international level by combining platforms for TMS, shipping, customs and WMS. The transaction was supported by FSN Capital Partners, a leading Northern European private equity firm and advisor to the FSN Capital Funds.

Mantis' flagship Logistics Vision Suite (LVS) is probably the only WMS / logistics software suite in the world that can be easily adapted for companies with sophisticated warehousing + distribution operations and automations. Its design represents a great leap in WMS / logistics technology, offering unique adaptability + outstanding upgradeability. It enables professionals of Mantis and its partner network, to easily configure and roll-out it to multi-site operations (and multi-client in case of 3PLs) thus sharply decreasing the initial project time and costs. Furthermore, its state-of-the-art architecture and upgradeability allows painless upgrades and cost-effective on-going support. Finally, it allows 3PLs and other customers with internal IT resources to "self-serve" themselves covering even for the most complex of their warehousing + distribution processes, enabling them to respond fast to their continuously evolving needs while at the same time enjoying an unbeatable low multi-year TCO.

More than 900 enterprises, many of them leading multinationals, representing all major industries (3PL, Retail, Wholesale / Distribution + Manufacturing) and selling channels (traditional + multichannel e-commerce) rely on LVS to run and optimize their logistics operations. LVS customers spread across many vertical markets, such as Consumer Products, Food + Beverage, Fashion, Pharmaceuticals + H+B + Medical, Grocery Chains, ICT + Appliances + Electronics, Construction Materials, Home Improvement, Tools + Industrial Equipment, Tobacco, Spare Parts + Accessories, Books + Office Supplies, Electro-Technical + Cables, etc.

LVS has been successfully integrated with most global ERPs (SAP, Microsoft Dynamics, Oracle) as well as with a plethora of local and regional ones (IFS, Iptor, etc.)



Contact us

info@mantis.email

www.mantis.group