

# Hellenic Dairies

## Case Study



### Objectives

- ▲ Further increase in warehouse productivity, speed, and accuracy
- ▲ Preserving full compliance in traceability for all produced products
- ▲ Gaining full visibility and centralized control across the international logistics network

### Solution

- ▲ WMS LVS deployment at 10 Distribution Centers in Greece, Romania, Bulgaria, and Cyprus
- ▲ Native integration of LVS-WCS (Warehouse Control System) AMHS Server (Automated Materials Handling Systems) and automation orchestration
- ▲ Deployment of LVS – Link Manager for seamless integration between Mantis WMS and the Group's central SAP ERP
- ▲ Central management of all Distribution Centers via Warehouse Intelligence

### Results

- ▲ +35% Increase in warehouse productivity
- ▲ +40% Increase in order-line processing capacity
- ▲ -60% Reduction in order picking errors
- ▲ >99% Order Accuracy
- ▲ -30% Reduction in order cycle time

## Hellenic Dairies selects Mantis for automation orchestration in 10 Distribution Centers across 4 countries



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### The Company

The Hellenic Dairies Group is one of the most dynamic food groups in Southeast Europe, with a strong focus on quality, innovation, and sustainability. Through its well-established brands - Olympus, Rodopi, Tyras, Agno, Kliafa, Doumpia, Kampos Chios and Dodoni - the Group offers a diversified portfolio spanning dairy, juices, and plant-based products. With modern production and logistics facilities, strong export orientation, and continuous investment in R&D, Hellenic Dairies has built a solid international footprint, operating in 50 countries. The Group combines Greek heritage with a forward-looking strategy, employing over 1,000 people and consistently strengthening its leadership position.

## The challenge

The significant increase in orders because of the commercial growth internationally created an increasing need for even higher warehouse productivity, speed, and accuracy, while maintaining full compliance in traceability for all produced products.

**The leading international Mantis WMS Logistics Vision Suite (LVS) optimizes warehouse operations across 10 Distribution Centers in Greece, Romania, Bulgaria, and Cyprus, orchestrates advanced automation and enables centralized control with Warehouse Intelligence resulting to higher efficiency, lower costs, and superior service performance.**

## Why Mantis

Hellenic Dairies Group selected Mantis as its WMS technology partner to achieve this demanding objective, and its award-winning WMS LVS that stands out for its unique Adaptability, Flexibility, and Scalability.

Mantis' experienced team holds deep expertise and international know-how in delivering large and complex projects in the Food & Beverage sector, covering specialized requirements such as upstream and downstream traceability, rapid stock turnover and shelf-life extension, enhanced cross-docking operations, etc.

One of the factors that makes Mantis' WMS LVS unique is its open architecture, which enables the customers' in-house IT teams - such as in the case of Hellenic Dairies - to independently carry out implementations, quickly and effectively addressing any new requirement. The zero-code WMS LVS allows simple and easy configurations directly by the customer, without time-consuming and costly code development, resulting in a low Total Cost of Ownership (TCO).



## The Solution

Mantis designed and implemented the solution of WMS LVS deployment at 10 Distribution Centers in Greece, Romania, Bulgaria, and Cyprus, according to the specific needs of each subsidiary and each local market including:

- ▲ Implementation of WMS LVS for streamlining and optimizing all inbound and outbound warehouse processes, as well as material supplies to production lines.
- ▲ Integration of LVS-WCS (Warehouse Control System) AMHS Server (Automated Materials Handling Systems), which natively integrates and orchestrates warehouse automations in real time, maximizing their performance. Hellenic Dairies benefited from this proprietary technology of Mantis, which offers great speed and increased implementation flexibility.
- ▲ Deployment of LVS – Link Manager for seamless integration between Mantis WMS and the Group’s central SAP ERP. Link Manager is a powerful tool developed by Mantis, enabling fast and efficient initial setup of interfaces with existing systems such as ERP, as well as easy maintenance.
- ▲ Central management of all Distribution Centers via Warehouse Intelligence, providing real-time visibility of warehouse operations.

The WMS LVS was deployed across raw and packaging material warehouses, production supply departments, semi-finished and finished goods storage, depending on the needs of each Distribution Center.

In Distribution Centers utilizing advanced automations (LGVs, cranes, shuttle storage system etc.), Mantis WMS successfully orchestrates automations to multiply performance. At the same time, where the Group applies drive-in and back-to-back storage systems, the LVS-WES (Warehouse Execution System) unifies automated and manual tasks using algorithms for prioritization, sorting, pre-cubing, picking & replenishment.

## The facilities included in the implementation

Greece:

- ▲ Tyras factory and warehouse in Trikala (32,000 pallet positions)
- ▲ Olympos factory and warehouse in Larisa (13,000 pallet positions)
- ▲ Kliafa factory and warehouse in Trikala (5,000 pallet positions)
- ▲ Rodopi factory and warehouse in Xanthi (3,000 pallet positions)

Three additional factories and warehouses are currently in planning for future deployment (Athens, Thessaloniki and Doumpia in Chalkidiki).

Romania:

- ▲ FLB factory and warehouse in Brasov (42,000 pallet positions)

Bulgaria:

- ▲ UMC factory and warehouse in Sliven (5,000 pallet positions)

Cyprus:

- ▲ Olympos Cyprus factory and warehouse in Nicosia (3,000 pallet positions)

## Results

After completion of the project, Hellenic Dairies Group achieved:

- +35%** Increase in warehouse productivity
- +40%** Increase in order-line processing capacity
- 60%** Reduction in order picking errors
- >99%** Order Accuracy
- 30%** Reduction in order cycle time



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## Benefits

- ▲ Full real-time visibility of inventory and tasks across all Distribution Centers
- ▲ Automatic stock classification and reallocation based on seasonality and demand
- ▲ Optimal utilization of warehouse space, especially during peak seasons
- ▲ Elimination of non-productive employee movements
- ▲ Central monitoring of the logistics network
- ▲ Easy scalability for future needs



## Testimonial

“Our strategic partnership with Mantis has been successful. The easily adaptable, flexible, and scalable WMS Logistics Vision Suite / LVS fully supports the complexity of our daily warehouse operations and offers the autonomy required to promptly respond to changing market needs. We always aim to adopt cutting-edge technology solutions using advanced automation and artificial intelligence (AI) to be prepared for any future challenge.”

Charalambos Gousios  
Supply Chain Director  
Hellenic Dairies Group

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.).

