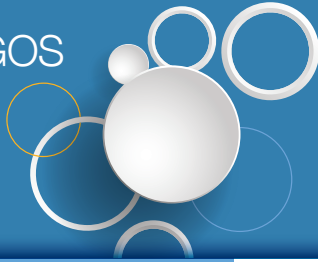


## CASE STUDY KARAMOLEGOS



# KARAMOLEGOS BAKERY AUTOMATES ITS SUPPLY CHAIN PROCESSES WITH ENTERSOFT WMS®

### Industry

Food

### Customer Profile

KARAMOLEGOS BAKERY S.A. is operating in the standard bakery and confectionery industry. Along with the industrial activity, which concerns the production of bakery products, the company is also active in the trading of various bakery products and sweet.

### Users

20

### Challenge

Inventory management and communication issues between the different systems used in production (EPR), sales (xVan) and in the warehouse - transport (WMS).

### Solution

Entersoft WMS®

### Benefits

- 20% error reduction in Back Office warehouse procedures
- 20% improvement in the total collection execution time
- 40% reduction in errors made by wireless terminal users
- 40% improvement in count differences regarding the natural inventory versus the inventory shown in the WMS

“For us, Entersoft WMS is one of the most important software investments in recent years. Thanks to its exceptional technology, it has brought the back office closer to the warehouse, with real-time updates. All our procedures are now automatic, exceptionally quick and effective, while management has at its disposal valuable information to support its business decisions”

*Stathis Markou, Logistics and Warehouse Director, Karamolegos S.A.*

### Company

Karamolegos Bakery has had a successful journey that started in the year 1950, from a bakery in Santorini where it operated as a small family business. During this entire time, Karamolegos Bakery has been preparing its products with love and care, combining nutrition principles and modern production methods in order to always offer the best bread products to Greek families.

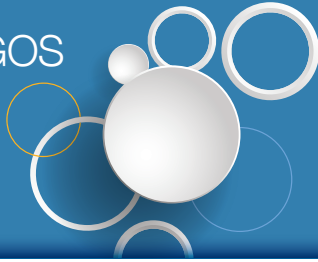
The company carries daily with vans and only in Athens 15,000 products, through a total of 65 itineraries, to about 5,500 outlets. At the same time, from the central warehouse in Koropi, they are distributing daily to dealers and agencies through 20 trucks about 300 pallets, which correspond to 20,000 products.

### Challenge

The key challenges faced by the company were mainly related to inventory management and to communication issues between the different systems used in production (EPR), sales (xVan) and in the warehouse - transport (WMS). This resulted in a lack of coordination and information exchange between departments, which in turn meant that the implementation of procedures became complicated.

The "heart" of the problem was located in the communication between systems. Although the company had both an ERP and a WMS system, there were serious gaps in the cooperation between them, making their daily operation time-consuming and error-prone. If the organisation managed to solve this problem, it would be able not only to deal with the above challenges, but also to design new services for its customers and much more productive procedures for its employees.

## CASE STUDY KARMOLEGOS



### The Solution

Karmolegos Bakery trusted Entersoft and its executives in order to cover the entire range of its operational needs; this resulted in the selection of Entersoft WMS. Although the organisation operated 24/6, the installation lasted just 3 months for the first 20 users of the Entersoft WMS® solution. According to the current plans, the solution shall be installed in the company's 6 other branches and distribution centres in the rest of the country.

### WMS concerns the following discrete flows:

#### Receipts of ready items

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#### Receipts of raw materials / packaging materials

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#### Receipts from production

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- Touch-screen solution for receipts from production
- Receipt of multiple pallets
- Automatic label printing

#### Inventory management per packaged item

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- Multiple hierarchies
- Inventories per location, batches-expiry dates
- Execution of commands per packaged item

#### Inventory recording

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#### Reporting, KPIs, batch traceability etc.

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#### Execution of collection and dispatch of customer orders

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- Large-volume orders
- Collection based on FEFO procedures
- Multiple users for execution of a single list
- "Smart" solutions to assist users (package collection type filter etc.)

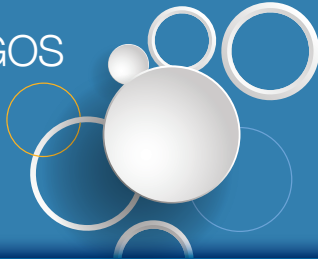
#### Execution of xVans collection and loading

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- Separation of approximately 60 vans in route groups
- Aggregate collection per route group
- Selection during collection or autonomously for each van per route group
- Collection based on FEFO procedures



## CASE STUDY KARAMOLEGOS



### The benefits

Entersoft WMS® has enabled Karamolegos Bakery to take advantage of the product's multiple advantages, such as its ease of use, simple application of procedures, modern and friendly User Interface, procedure speed, as well as simple and flexible use of the wireless terminal.

To summarise, the company enjoys the following benefits:

#### An environment that is integrated with the ERP, eliminating time lost in time-consuming bridging

- Accurate real-time inventory synchronisation between ERP - WMS
- Combined data and reporting for all information originating from the ERP, WMS and xVan systems

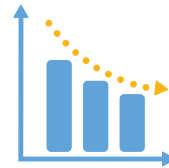
#### Generic benefits from the investment

- Utilisation of the current investment in equipment (scanners, barcode printers etc.)
- Simple and quick user training due to the friendly User Interface of Entersoft WMS

## Measurable benefits



**20% improvement**  
in the total collection  
**execution time**



**20% error reduction**  
**in Back Office**  
warehouse procedures



**40% reduction in errors**  
**made by wireless**  
**terminal users**



**40% improvement**  
**in count differences**  
regarding the natural inventory  
versus the inventory  
shown in the WMS