

CASE STUDY

Warehouse Management Helped a Leading FMCG Retailer to Improve Warehouse Operations and Boost Productivity



The client is a leading European consumer goods retailer that is well-known for supplying consumer goods to several retail establishments across multiple regions, through a single distribution center.

The Business Challenge

In today's complex business scenarios, supply chain executives consider distribution and warehouse operations as a necessary evil. However, it's crucial to note that such narrow views can not only prevent you from identifying new opportunities to optimize warehouse operations but also pose major roadblocks in your inventory management efforts. Some of the factors that reduce warehouse efficiency include new product launches, changes in demand patterns, and customer acquisitions. Since most of the challenges in warehouse optimization arise due to errors, inefficiency, and lack of supply chain visibility, businesses are investing heavily in developing and implementing warehouse management systems to automate material handling, labeling, data collection, and other warehouse operations. This explains why warehouse management efforts predominantly start with product slotting. Also, maintaining inventory levels based on the sales volume can reduce travel distances and labor costs significantly.

The **FMCG retailer** planned to change the arrangement of pallet racks and conveyors in their distribution centers. But before doing so, they wanted to evaluate the capacity and effectiveness of the new warehouse layout, this is when they decided to collaborate with Quantzig to leverage its warehouse management solutions to identify the best warehouse layout design.

Solutions Offered and Value Delivered

Quantzig's warehouse management solutions helped the client to test the ability of the new conveyor and pallet rack arrangement at different load levels prior to implementation. The **solutions offered** also enabled them to analyze the correlation between labor costs and equipment, which in turn, aided the selection of a suitable warehouse layout and distribution process.

The warehouse management solutions also enabled the client to:

- Increase the speed and efficiency of warehouse processes
- Reduce errors and drive productivity by automating different warehouse operations
- Adopt multichannel demand and execution processes
- Gain real-time insights into warehouse operations
- Increase warehouse accuracy and lower safety stock levels by **65%**

What is Warehouse Management?

Warehouse management is crucial to the efficient operation of warehouses of all sizes and types. It involves the **optimization of warehouse inventories** by identifying factors that help save time, space, and resources while reducing errors and improving customer satisfaction. Other warehouse optimization considerations include warehouse flow, product placement, storage, and retrieval systems. Due to many such factors, an effective warehouse management system is vital to lean warehouses and agile supply chains. Also, the most efficient warehouses are those that have been optimized to beat the competition at every level.

*Our warehouse management solutions are designed to help you optimize warehouse processes, align warehouse operations with business goals, and transform warehouse layouts. **Request a FREE demo** to know more about the importance of warehouse management from a business perspective.*

A Five-step Approach to Warehouse Optimization

