case **history**

rothoblaas

company name

Rotho Blaas

product sector

Furniture Complements & Construction

employees

620 in the world

affiliates

25+ all over the world

storage sites

17 all over the world

website

www.rothoblaas.com

Replica Sistemi's SOLUTIONS:

- **WMS StockSystem**
- **TMS Controller**

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Integrated WMS and TMS for a thriving Alpine core supply chain.

Rotho Blaas, a leading Italian multinational in the development and supply of advanced technologies for the building industry, has had a **technological partnership** with **Replica Sistemi** for **15 years**.

With three decades of global experience and a network of strategically located subsidiaries and logistics centres, Rotho Blaas ensures top-tier service to its clients, where maintaining the quality of goods and timely delivery take precedence.

case **history**

The Company

Rotho Blaas was established as a family company that operates globally, embodying Alpine traditions and an international outlook. Always available to customers wherever they are, the company produces **specialised products and services tailored to building professionals**, including carpenters, engineers, architects, and fall protection system installers.
The company, which operates in over 30 countries and 70 markets, has achieved remarkable levels of delivery accuracy and punctuality. This is thanks to the WMS **StockSystem**, which manages the 11,700 m² **warehouse**, including the **automated warehouse**. In addition, the **Controller** software has enabled the company to keep a close eye on transport costs.
Today, on average, 480 shipments per day depart from the headquarters in Cortaccia to destinations worldwide.
Thus, the assimilation of WMS and TMS ensures a prosperous supply chain.

CORTACCIA HEADQUARTER (BZ)

Rotho Blaas occupies a contemporary, energy-efficient edifice, made of wood and glass, with a timber and steel support structure. The building, spanning 11,700 m² of warehouse space and 7000 m² of office space, has been thoughtfully constructed to align with the company's product range and cultivate team morale across departments. It seamlessly integrates into the surrounding environment, embodying a harmonious coexistence with nature.
The new self-sustaining warehouse, made of wood and equipped with an automated system, adds nearly 5000 m² of covered space. The facility serves as an efficient warehouse for the timely replenishment of existing warehouses worldwide and those planned for the future, supporting the company's growth.

Why Replica Sistemi?

"We have multiple warehouses across the globe, and I believe StockSystem is the epitome of a high-performance WMS tool, like a Ferrari for warehouse management."

– **Alexander Vaja**, *Logistics & Transportation Director Rotho Blaas*

Collaboration Steps

2008: Go live StockSystem

2011: Major release StockSystemEvolution

2019: Implementation of Controller TMS

2022: Integration of StockSystemEvolution WMS with the automated warehouse

2023: Implementation of StockSystemEvolution WMS in Spain and Integration of the Controller TMS with StockSystemEvolution WMS in Spain

The Softwares

In addition to integrating with **Controller**, **StockSystem** in Italy also communicates with other company software.
This includes the company's **ERP COMARCH**, the **QS1** software for quality control and, starting in 2022, **AWM** - the software responsible for operating the **automatic warehouse**, an impressive structure comprised entirely of laminated wood shelves containing four stacker cranes and special robots that move efficiently within. This sustainable system has had a significant impact on productivity and is the first and only one of its kind in Italy.

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case **history**

Managed Flows with Integrated WMS and TMS

Thanks to the collaboration with Replica Sistemi, the current activities have been successfully managed:

- COMARCH ERP system transmits sales orders to Stocksystem to manage the picking process;
- StockSystem WMS dispatches shipments to Controller for the selection of the most suitable carrier;
- StockSystem WMS dispatches picking tasks to the operators and liaises with the automated warehouse to retrieve materiel, if required;
- Controller TMS sends the most suitable carrier to Stock system;
- After completing the picking process, the warehouse operator verifies or modifies the carrier selection and informs Controller;
- Shipment occurs with all appropriate transport documentation;
- Controller checks the invoices received from the carriers;
- Controller sends COMARCH ERP reports highlighting any irregularities.

Benefits of Integration

The ongoing enhancement of logistics and transportation is a priority for Rotho Blaas. This is achieved through the integration of the **Warehouse Management System StockSystem** and the **Transportation Management System Controller** in Italy and Spain, automating certain processes and resulting in significant advantages:

- **Piloting and harmonising** logistics flows within the warehouse to boost efficiency for each process based on carrier, weight, *ADR* content, voluminous content, and urgencies;
- Reducing costs and errors by selecting the most convenient carrier ultimately lead to **increased margins**;
- **Automatic auditing** of carrier invoices;
- **Automated invoice resolution** allowing analytical cost centre allocation;
- **Complete integration of data and information flow** with corporate software and external partners localised in Italy and Spain;
- **Analysing reliable and shared data** useful for the elaboration of KPIs.

We are talking about **more than 120.000 shipments per year**: the **efficiency gains** for the company are evident.

The Secret of Success

"At first, we sought a software to manage our warehouse movements efficiently. Now, it has evolved into a valuable strategic partnership. Replica Sistemi is a company that comprehends our requirements, provides bespoke solutions, and incorporates the humane aspect of technology to support our growth and address daily challenges."

– **Alexander Vaja**, *Logistics & Transportation Director Rotho Blaas*

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