case **history**

company name

SPIRAX SARCO

product sector

Mechanical industry

employees

8,700 globally

website

www.spiraxsarco.com

SPIRAX SARCO

World leader in steam technology and thermal energy management.

Spirax Sarco is a leading provider of steam system solutions. With manufacturing facilities in 9 countries worldwide and technical and sales offices in 62 countries, it offers the global market expertise and products in 24 industries.

In 2019 the company decided to implement the WMS StockSystem for managing finished goods logistics, integrated with barcode scanner terminals and two Modula vertical warehouses.

The use of the WMS has virtually eliminated errors in checking goods on receipt, and significantly reduced the time required to prepare shipments.

Replica Sistemi's solutions

- WMS StockSystem
- Hardware: 9 terminals CK65 Honeywell

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Customer needs

In 2019 Spirax Sarco decided to invest in a digital transition project, including the implementation of solutions that can improve logistics flow management to increase efficiency and productivity.

LOGISTICS STRUCTURE
The plant in Nova Milanese (MB) is structured as follows:

- 1,000 sqm of warehouse
- 4,000 total handled references
- 800 pallet stations
- 2 VLM Modula
- 5 arrival warehouse operators
- 7 shipping warehouse operators

LOGISTICS NEEDS
Before the implementation of StockSystem there was no warehouse mapping.
The inventory used to be done yearly and there was no real-time knowledge of the stocking.

The main problems were:

- difficulty finding finished goods when preparing orders, because they did not always know where they were;
- uncertainty of inventories;
- frequent stock outages and consequent delays in order preparation;
- need to track finished products for possible recalls in case of returns or production defects;
- manual picking work with paper lists and without barcode readers, resulting in frequent errors.

Why Replica Sistemi?

A careful Software Selection led to the choice of StockSystem WMS.
Diego Ricco, Logistics Manager Spirax Sarco, explains:

«I knew the software, having previously worked with SS as a logistics manager, I had already installed SS for a third-party logistics firm and I used it for several clients In the spare parts field and e-commerce.»

The Project

After choosing the software in June 2019, the project was developed in the following months and launched in December of the same year.

GOALS
The main goals of the project were:

- Reduce order preparation errors
- Reduce order fulfillment time
- Increase the number of references managed
- Management of production batches with traceability of all components
- F.I.F.O. management.
- Improve workload for each warehouse operator
- Certainty of inventories
- Certainty of references location
- Real-time location

ANALYSIS
The following analyses were carried out:

- Material Analysis
- Analysis of managed flows
- Layout Analysis and warehouse mapping

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Advantages

The main advantages obtained with StockSystem:

- Reduction of errors and client complaints
- Improvement in client service, with cost reduction for international shipments.
- Increase in productivity and speed in order preparation
- Real-time Inventory
- Certainty of stocking
- Product traceability

The number of preparation errors has drastically dropped: from 98 errors in 2019, to only 23 in 2022.

"During the reception phase, since we have installed StockSystem, integrated with barcode scanner terminals, we have basically eliminated errors in the control of incoming goods. Before, there were daily anomalies."

-Diego Ricco

Future steps

StockSystem currently manages only the finished product warehouse.

The next step, yet to be defined, will be the management of production lines replenishment.

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