

case history



company name

SAMMONTANA SPA

product sector

Food

managed clients

>70.000 customers

facilities

4 production plants

1 logistic hub

website

www.sammontana.it



SAMMONTANA

Gelati and logistics all'italiana

Sammontana is the leading Italian company in ice cream and frozen confectionery production.

For more than 15 years Sammontana has been using software from the SMA.I.L.) platform by Replica Sistemi to manage warehouse logistics, integrated with the Voice technology.

The company's assets are definitely the customers: around 70,000 cafés to be served in a timely manner.

Replica Sistemi is one of the most significant technology partners of Sammontana, which has enabled important developments in every business sector: from production, to the control of incoming raw materials input, to products traceability and output.

Replica Sistemi's Solutions

SMA.I.L.) StockSystem

SMA.I.L.) Voice

SMA.I.L.) Delivery add-on

Voice Hardware:

32 Talkman T2X, T5 and A720 terminals

Handheld Hardware:

64 Honeywell cold storage terminals

106 Honeywell handheld terminals

ReplicaSistemi

ZUCCHETTI GROUP

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Customer Needs

Before the implementation of Replica Sistemi's solutions, Sammontana had always managed the movement of goods in its warehouses through manual data entry on its management system.

Following the adoption of the pallet labeling procedure, since January 1, 2005, the company has adopted StockSystem, the software developed by Replica Sistemi in radio frequency and voice technology for the management of warehouse logistics. In 2010, it switched to the Evolution version.

In 2013, it introduced the SMA.I.L.) Delivery for the scheduling and planning of trips and the monitoring of incoming and outgoing balances.

The introduction of the QR Code and digital signature on the DDT allows knowing exactly when the order is delivered to the end customer, tracking every activity.

Why Replica Sistemi?

*"The choice of Replica Sistemi, like the choice of all our suppliers, comes from a technical, qualitative or company-specific need, but then it has mainly developed on the **relationship and on the partnership**, on the fact that **this company is able to follow and assist us over time.**"*

-Leonardo Bagnoli, CEO Sammontana

The Project

Through the feasibility analysis, three phases necessary for the complete development of the project were identified:

FIRST PHASE: EXTENSION OF STOCKSYSTEM TO FINISHED FROZEN PRODUCT VENTILATION ROOMS

Managed flows:

- Receiving and labeling pallets from production/supplier.
- Storage without mapping in traditional warehouse.
- Picking from warehouse in massive mode without radio frequency.
- Moving materials to the ventilation area (0 degree cell).
- Radio frequency sorting and control and truck loading.

Achieved advantages:

- Certain recognition of materials
- Traceability and retrievability of materials
- Automatic feeding of data to the management information system
- Reduction in errors
- Decreased control time

SECOND PHASE - AUTOMATIC CELL PICKUP

One problem remained to be addressed: the difficult environmental conditions for those who are called upon to carry out picking activities in the -35°C cold rooms, which can affect the productivity of the entire logistics process.

For this reason, Sammontana decided to adopt **Vocollect voice terminals** in the cold storage room. This solution allows operators to dialogue directly with the SMA.I.L.) Voice using the most natural tool available to them: their **Voice**.

Managed flows:

- Receiving and labeling pallets from production/supplier.
- Storage with mapping to traditional warehouse in Voice.
- Picking from warehouse in Voice with refilling functions from stock positions.
- Moving materials to the ventilation area (0 degree cell).
- Radio frequency sorting and control and truck loading.

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Achieved advantages:

- Cell mapping (-35°C).
- Knowledge of Cell events in real time.
- Complete and accurate Tracking and Traceability.
- Reduction of picking errors.
- Precise on-time management of inventories.

THIRD PHASE - EXTENDING THE PROJECT TO PASTICCERIA LEONARDO

In light of the results obtained in the management of the Empoli location, the project was extended to the Vinci Cell (doubling the terminals dedicated to voice picking).

Finally, the project was extended, with traditional terminals, to the raw materials warehouse of Pasticceria Leonardo.

FOURTH PHASE - IMPLEMENTATION OF MONTELUPO LOGISTIC HUB

StockSystem has been implemented in the Montelupo warehouse.

StockSystemEvolution manages:

4 Plants – 1 Logistic hub

The new centralized logistic hub was inaugurated in January 2013 in Montelupo (Empoli):

- single hub for distribution of all commodities;
- resource rationalization and service optimization.

Advantages

Increased productivity (free hands).

Sammontana works in -35°C cells and the operator has clothing that prevents easy use of a radio frequency terminal.

Increased accuracy and fewer errors (free eyes).

The operator is not distracted by reading and then laying down the pick list (hands free), but points with his eyes directly to the neck without any more risk of reversing the picked reference.

In addition, the system helps in counting the packages as upon confirmation of the picked package, the system repeats the remaining number of packages to be picked.

Increased work quality and accuracy.

Unification of logistics systems on platforms.

Reduction in training time.

Increased safety for operators.

Reduction in printing costs of picking documents.

“By making the supply chain more technological we have speeded up the whole system so we have been able to give more quality to the product.

To date we supply several product categories, and our goal is to go to these same customers and serve a wider and wider range of products. This will allow us to be more and more competitive and win new market shares.

*To support this development, **we have built a fully automated warehouse and Replica Sistemi is once again supporting us, with StockSystem, to make this warehouse operational.***

-Leonardo Bagnoli