

PEDON

From Complexity to Supply Chain Control

Pedon is an Italian company internationally recognized for processing and distributing grains, legumes, and seeds. Founded in the 1980s by Guerrino Pedon together with his sons Franco, Sergio, and Remo, this family-owned business from the Veneto region has grown and evolved over time while maintaining strong commitments to quality and sustainability.

Today, Pedon is a well-established global company, exporting to more than 20 countries, with exports accounting for 40% of its total revenue and a workforce of 287 employees worldwide.

The operational complexity of Pedon is closely linked to the very nature of its business: raw materials sourced from different regions of the world, production specializations tailored to each customer, and an industrial model in which 80% of activities revolve around private label manufacturing for leading large-scale retail brands.

Within such a complex supply chain, production planning and management represent a daily challenge. To address it effectively, Pedon chose to adopt an advanced digital solution, relying on a platform capable of combining flexibility, integration, and long-term adaptability.



Sector

Food&Beverage



Presence

Headquarters in Colceresa (VI), with a production facility on site and a commercial office in Miami.



Turnover

€ 115 MLN (2025)



sedApta Module

MES, Scheduling
DRP, Material Plan

Objectives

In 2020, Pedon launched a software selection process aimed at identifying an integrated solution capable of supporting the entire supply chain, moving beyond an approach based on separate applications that were not fully interoperable.

The main requirement was to implement a single, modular, and scalable platform able to evolve over time and adapt to a production environment characterized by high variability, particularly in the management of raw materials and customer-specific requirements.

Within this context, the project objectives focused on several key areas: enabling end-to-end management of planning and execution processes, improving the handling of material alternatives related to different sourcing origins, increasing visibility and information

sharing across the supply chain, and building a progressively extensible architecture.

The adopted approach therefore favored a phased evolution strategy, designed to ensure operational continuity while supporting the future growth of the business model.

Project

The project involved the implementation of sedApta Suite as an integrated platform supporting the entire supply chain cycle, following a modular and progressive approach.

The solution was configured to cover the main planning and execution processes through the introduction of several specialized and fully integrated modules. In particular:

- **the DRP system, for finished goods management and planning**
- **the Material Plan module, dedicated to managing complex logic related to raw materials and their alternatives**
- **the Scheduler, designed to optimize production sequences and resource allocation**
- **the MES system, enabling real-time monitoring of production activities, machine interfacing, and shop-floor data collection**

The integration among these components ensures information continuity between planning and execution, providing an up-to-date and consistent view of production status.

The evolution roadmap is currently being extended with the introduction of a Quality Control component, with the goal of further expanding the platform's functional coverage across the entire operational value chain.

Benefits

The adoption of sedApta Suite has generated significant benefits in terms of operational efficiency, process integration, and the ability to manage complexity.

- **Material Management:** The platform enables more accurate and flexible management of raw materials, supporting variability in sourcing origins and product configurations.
- **Integrated Planning:** The integration of information flows across different supply chain levels has improved production planning quality, increasing consistency and synchronization between departments.

- **Visibility and Control:** The introduction of the MES system has enabled full traceability of production activities and continuous performance monitoring, strengthening operational control capabilities.

- **Scalability and Evolution:** The modular architecture allows the platform to be progressively extended with new modules, ensuring continuous evolution and adaptability to future business needs.

Overall, the project has established an integrated digital approach to supply chain management, enhancing operational efficiency and strengthening the company's responsiveness to international markets.

Why sedApta?

"We chose sedApta for the opportunity to adopt an integrated suite rather than a single standalone product, consisting of multiple modules that can be activated progressively.

This approach allowed us to implement a solution aligned with our initial needs while preserving the ability to expand the system over time, in line with the evolution of the business.

The availability of a modular and scalable platform represents a key element for us, as it enables the company's growth while ensuring continuity and consistency across planning and execution processes."