CASE STUDY DISCRETE
LECAPITAINE TECHNIC

Lecapitaine Technic is part of the **Petit Forestier Group**, the European leader in the rental of refrigerated vehicles, with nearly 4.500 people and a fleet for hire of 58.500 vehicles, 48.600 display units and 3.300 refrigerated containers. Founded in 1907, the group is present in 22 countries and offers, through its subsidiaries, a complete service to design, manufacture, rent, ensure and maintain its refrigeration offer.

Lecapitaine and Lecapitaine Technic are 2 subsidiaries of the Petit Forestier Group which were previously a single entity. Lecapitaine designs, produces, assembles refrigerated vehicles and provides after-sales service. Lecapitaine Technic repairs and renews vehicles, with 95% of the business dedicated to Petit Forestier. At the same time, the design and production of refrigerated containers and trailers have been developed from the recycling of refrigerated boxes.

The subsidiary was created in 2008 and today has 9 French sites including Saint-Lô which hosts the headquarters with the administrative and accounting team, as well as 8 production units located throughout France (Chartres, Saint- Soupplets, Chalon-sur-Saône, Montauban, Mézières-sur-Seine, Spicheren, Valence, Châtellerault).
Lecapitaine teams manage an average of 60 construction sites per week. More than 170 employees work in these sites (bodywork, painting, light vehicles / heavy vehicle mechanics, refrigeration units…).

ANALYSIS
In 2018, the Management of Lecapitaine Technic started the digitalization project of its 8 French production sites. The goal of this project was to monitor and improve production by enhancing the work of each operator through individual and collective performance.

This decision was motivated by the desire to acquire a scalable MES tool, integrating functionalities that go beyond monitoring line performance, simplifying the IT environment and optimizing operational costs.
Lecapitaine Technic was looking for a simple and easy-to-use tool; a "visual" tool capable of displaying the performance at the shop floor level.

The main objectives were:

» Manage operational performance through conventional production indicators (KPIs)
» Trace plant OEE
» Follow the machine times and manpower
» Follow and view the sequence of production orders
» Integrate maintenance operations to get the type of breakdown per machine.

COMPANY	SECTOR	SIZE	REVENUE	SEDAPTA MODULES
LECAPITAINE TECHNIC GROUPE PETIT FORESTIER	REFRIGERATED BODYWORK	535 EMPLOYEES 1 PRODUCTIVE SITE 9 TECHNICAL WORKSHOPS	96,4 M € (2018)	MES TERMINALS

SOLUTION

The project involved the implementation of the following sedApta suite modules:

» MES
» sedApta-osys Industrial Panel Pcs

Lecapitaine Technic chose the MES solution of the sedApta suite which provides an environment for the operational management of services, with the possibility of reporting production progress and related activities, also allowing real-time control as well as the progress and management of production data.
Before the MES implementation, operators reported their activities on paper.
Each day, employees filled out a sheet with hours worked by activity and by site, operations, as well as hours spent on unproductive activities.

"The objective of this project was to have a much more accurate vision of reality and to obtain constant and regular work from the operators" specifies Mr. Roussey, General Manager of Lecapitaine Technic

BENEFITS

Following the installation of the sedApta suite production monitoring tool, Lecapitaine Technic has seen an increase in its actual and sold production of more than 5% per year, nearly 11 more production points between the end of 2018 and 2020.

CHRISTOPHE ROUSSEY
GENERAL MANAGER

"We went from 85 to almost 97% productivity with the same workforce. Operators would never go back. More than 90% are satisfied as their work is enhanced with a clear, transparent and correct analysis of their performance. It is also a great management tool."