

CASE STUDY LUXURY **LALIQUE**

Flagship of French crystalware, **Lalique** is a luxury company founded in 1888 by the master glassmaker and creator of jewellery, René Lalique, owned by the Swiss ART & FRAGRANCE group since 2008. It produces and distributes pieces in different fields: decorative elements, interior architecture, jewellery, perfumes and works of art.

La Maison Lalique is famous for its emblematic vases, which are still handmade in the manufacturing company of Wingen-sur-Moder (Alsace, France), in the heart of a region of ancient glassmaking tradition, opened by René Lalique in 1921; today, the only Lalique factory in the world.

Over the years, Lalique has collaborated and still collaborates with various luxury brands, artists and designers, in order to create unique pieces or limited editions, such as the world-famous architect Zaha Hadid, Bentley Motors, The Macallan whiskey, Hardy cognac, Caran d'Ache, Tom Ford, Nina Ricci, THG, etc. With an offer of 5,000 items in the catalog, Lalique "shines" today on an international level.

In its production site in Wingen-sur-Moder, Lalique commits a specialized team of 250 people to produce 150,000 pieces a year, which can range from 1 gr to 250 kg.

PROJECT

Lalique is emerging from a period of rationalization and relaunch of its business thanks to the modernization of its production system in Wingen-sur-Moder: in particular, at the end of 2017, the company decided to install the Oracle ERP and invest in a global MOM project, a project that is part of the process of digitalization of production.

The aim of the MOM project was to achieve:

- » Simple planning of Production Orders (information directly available to the plant managers)
- » Operator monitoring in line with the different contexts of a crystalware
- » Traceability of Production Orders
- » Quality management
- » Maintenance management directly connected and integrated to the other modules.

SOLUTION

The modules identified as the building blocks of the solution refer to the following components of the sedApta suite:

- » MES
- » Web Scheduling
- » Smart Asset Management

Initially, Lalique decided to replace the internally developed MES solution with the sedApta suite's data collection and production monitoring solution.



COMPANY
LALIQUE



SECTOR
CRYSTALWARE



SIZE
250 EMPLOYEES
1 PRODUCTION SITE



TURNOVER
€ 39 M (2018)



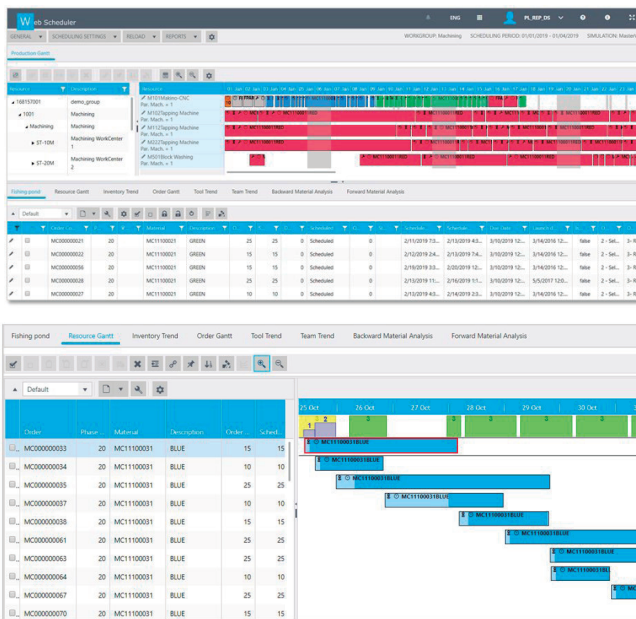
SEDAPTA MODULES
MES
WEB SCHEDULING
SMART ASSET MANAGEMENT

In particular, the new MES system has made it possible to achieve the following objectives:

- » Progress control which includes:
 - » The graphic projection of the team work plan
 - » The trend check for work shift
 - » Operator balances and final balance checks
 - » Monitoring of attendance and associated KPIs
- » Management of the operators in training
- » Shift optimization and workforce distribution

Downstream of this implementation, sedApta-osys supported the customer in the second phase of the project, with the extension to the capacity-planning part with the Web Scheduling module, that is, to a tool that managed various types of production constraints present in critical departments and materials, with the aim to:

- » program resources
- » respect the delivery date of a work order by improving the level of service
- » analyze the costs of the finished product



In the last project phase, the Smart Asset Management module was introduced which allowed to integrate operations and maintenance constraints in relation to the production plan, scheduling and MES.

BENEFITS OF THE SOLUTION

The MOM solution was configured to communicate with Oracle ERP and offers Lalique the possibility of moving towards more elaborate planning with the introduction of an engine for order sequencing.

Lalique has chosen sedApta for:

- » its wide range of functional coverage,
- » the usability of its graphical interfaces,
- » standard integration with Kélio (attendance management tool),
- » the possibility of functional evolution.

sedApta's MOM offer has allowed Lalique to collect targeted and reliable factory information in real time and make it available to operators and managers.

In the **short term**, Lalique has noticed administrative time savings in data entry and management.

In the **medium term**, Lalique has observed better management of its production and an increase in productivity.



LALIQUE