



*Michel Maruccia,
Monnin SA's director general*

Monnin SA manages the priorities of thousands of operations with ScreenN

Precision machining company Monnin SA produces parts for Switzerland's biggest watchmakers. This big business opted for a tool that allows it to manage the priority of manufacturing orders in the quality control department.

The movements assembled by watchmakers are so fascinatingly complex and precise that the biggest brands choose to make them the centre of attention by having them visible at the heart of prestigious watches. Nowadays, in addition to being technically precise, mechanisms contribute to the spirit and charm of watches.

Monnin SA, based in Sonceboz, manufactures and delivers high-end screws, barrels, winding mechanism stems and other turned parts. However, producing turned parts is not enough. Demand has developed over the past few years. Production has expanded to include related services that provide added value.

«Demand for subassemblies is increasing»

Cutting, polishing, thermal treatment and assembly have all been added to Monnin SA's activities. "We offer our clients increasingly complicated services. Demand for subassemblies, for preassembled parts, is increasing," explains Michel Maruccia, director general of Monnin SA. "We have been successful in trying to meet these new demands. Our range has increased and we have developed considerably over the past few years."

The variety of operations carried out in the workshops has therefore increased, as has the rhythm of work set by an

international market. Internally, production orders have steadily increased. Their management and prioritisation have become a daily challenge for the logistics team.

Managing priorities

The numbers that Michel Maruccia details are dizzying. "Some series might require as many as 134 production orders. There are always 7,000 to 8,000 processes ongoing in our production workshops. Our banks of machines produce in response to orders that take several days, or even two years if the order is for several million parts."

Against this backdrop it is indeed difficult to know what is going on in the workshop in detail without wasting time. Lists don't stay up-to-date for very long, and the numerous emails between the sales departments and the head of production can lead to an excess of information that needs to be channelled. Anticipating and keeping an overview, is primordial. **Management of production data and priorities is a sensitive, highly strategic issue for Monnin SA.**

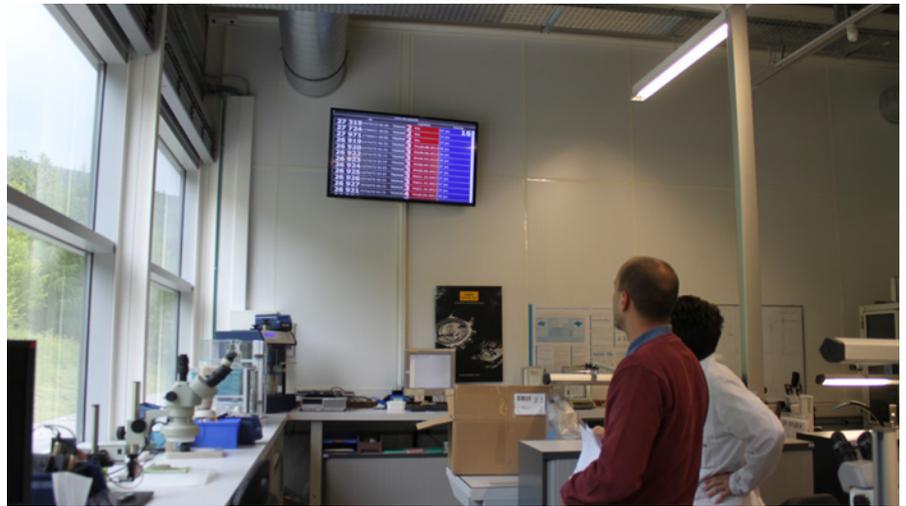
Screen : data in real-time on a big screen

"The main strength of the ScreenN solution that we have developed is that you can take an ERP that you don't know, extract the essential data and make it visible to all the staff," explains Fabien Doux, co-director of BOS-Software. "We built on this system to manage Monnin SA's priorities."

"The information is clear, displayed on a big screen"

When BOS-Software raised the possibility of having a list of priorities on a big screen in the quality control department, Monnin SA's management immediately understood the project's potential.

Now, information in their control room is clearly displayed on a big screen. Numbers are attributed to the 10 types of production that constitute the principal priorities. Updates are done in real-time, controlled by the logistics provider and the assistant quality controller. There are around 30 people working in the workshop and they can



The logistics provider and the assistant quality controller can see the next 10 priorities for production orders on the screen.

now all see what the next task is for the 60 to 100 batches that the department deals with each day.

"10 times fewer emails"

The presence of the big screen and the touchscreen that goes with it has had a major and immediate impact on the organisation of work. According to the people concerned, the autonomy and the responsibility of the operators have increased, the guarantee that people are working on the correct series at the right moment has increased efficacy, serenity (there are 10 times fewer emails!) and therefore quality. "We save time, and above all we can see priorities advancing and others being resolved. It's very satisfying," can be heard across the room.

The biggest change with the use of ScreenN is the inversion of information flows

It is no longer necessary for specialists to go and find information on the ERP to communicate it to the operators. This information is accessible by everyone, in real-time.

Working with the correct logistics tools, seizing high-tech opportunities and developing new production models... Monnin SA's savoir-faire in the watchmaking machining sector is based on the quality of the watch parts and finishing operations that it offers, and it is certainly in a position to manage complexity to perfection.

As told to Sophie Ménard
EPSILUS Stratégie et Communication

