

**How Industries GRC
Optimized Its
Production Planning
with a Custom
Application.**

GRC Industries GRC

Equipped with a custom tool that transforms production scheduling and enhances operational efficiency.



Industries GRC

SPECIALIST IN THE MANUFACTURE OF CUSTOM OR MASS-PRODUCED METAL PRODUCTS

Annual revenue: over 10 million

Located in Jonquière, Quebec

Factory and office space: over 32,000 sq. ft.

50+ employees

Company founded in 1987



INDUSTRIES GRC INC

From an Excel spreadsheet to optimized production

GRC Industries specializes in the manufacturing of custom and mass-produced metal products, serving various sectors, including building automation, energy management, transportation infrastructure, and industrial technologies.

Faced with growing client demand, the Saguenay-based company saw its order volume nearly double in just three years. This rapid growth exposed inefficiencies in production management, particularly in task scheduling and delivery planning.

Although the company had an ERP planning module in place, it was not only difficult to use but also incapable of accounting for certain calculation criteria specific to GRC Industries. As a result, the team had to export data to a spreadsheet for manual adjustments and then reimport it into the ERP system. This process led to increased errors and slowed decision-making.

The company faced several obstacles that hindered its operational efficiency:

- > **Reliance on manual processes through Excel**, resulting in time loss and an increased risk of errors.
- > **Lack of real-time visibility into production data**, making decision-making more difficult.
- > **Lack of a centralized system for managing planning**, production, and deliveries, limiting resource optimization.

Faced with these challenges, a standard solution proved inadequate. A custom application, specifically tailored to Industries GRC's processes, was essential to optimize production, meet deadlines, and ensure customer satisfaction.



Optimization of planning with custom technology finally achieved.



A solution tailored to specific needs

Industries GRC opted for a custom solution, fully integrated with its ERP, developed to meet its specific production criteria, rather than being forced to adopt a standard solution.

The automation of critical processes enabled the company to respond more effectively to increased demand. This tailored tool reduced planning errors and provided real-time visibility into key data.

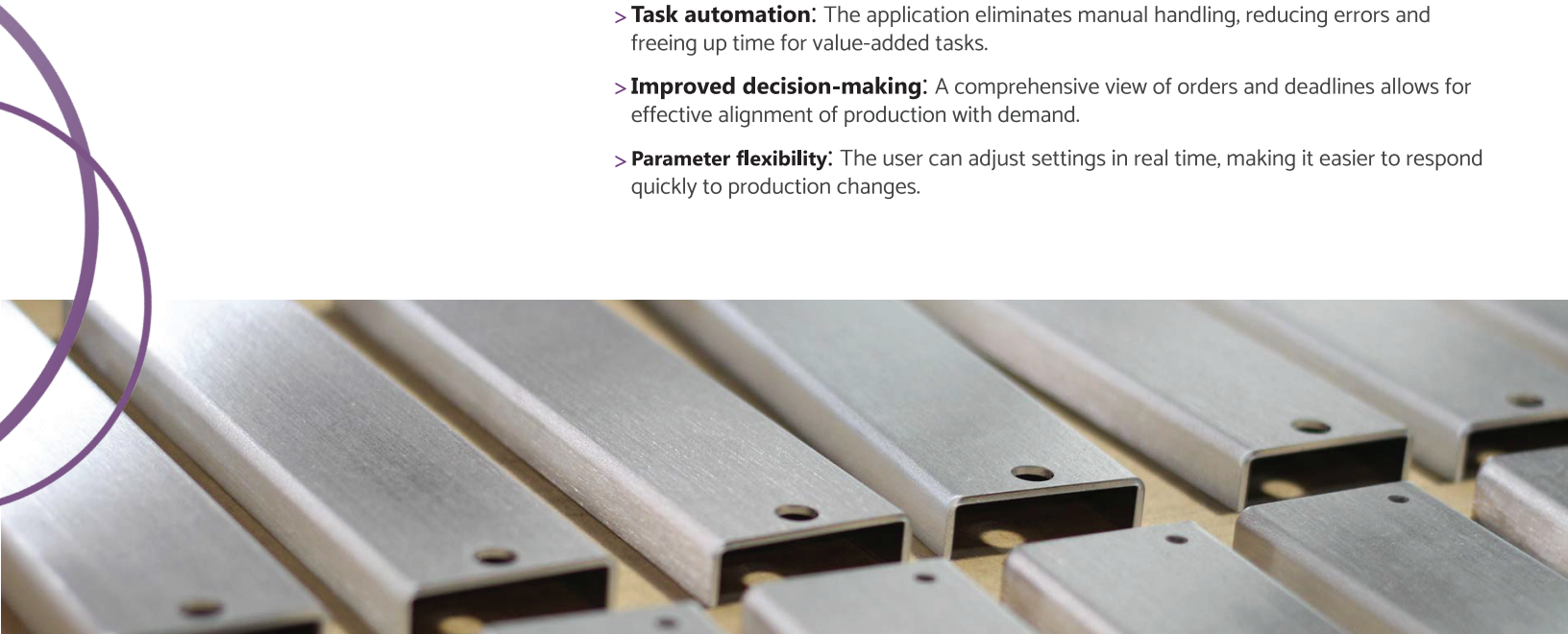
Address planning challenges and ease the workload of the primary user


The primary user, responsible for planning at Industries GRC, faced a heavy workload due to the manual management of tasks within the ERP system and the use of Excel files to organize production. Each adjustment took time and increased the risk of errors, limiting their ability to make quick and informed decisions.

The main goal was to design an application that would simplify planning and decision-making by consolidating all critical information into a single interface. This enables Industries GRC to better manage the workload, create production scenarios, and determine realistic delivery dates based on production capacity.

The main features include:

- > **Task automation:** The application eliminates manual handling, reducing errors and freeing up time for value-added tasks.
- > **Improved decision-making:** A comprehensive view of orders and deadlines allows for effective alignment of production with demand.
- > **Parameter flexibility:** The user can adjust settings in real time, making it easier to respond quickly to production changes.





« The application has transformed our work, making us faster and more flexible, while optimizing production. »

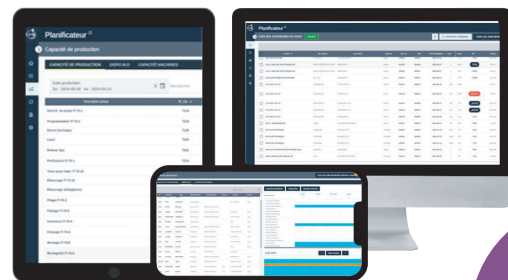
Clément Bolduc, Planning Manager



A custom tool for operational efficiency

By adopting a custom solution integrated with its ERP, Industries GRC was able to overcome several planning challenges and optimize its operations. The tangible results of this transformation include:

- > **Reduction in Planning Time** : Automation has reduced the time spent on analysis and data entry, allowing the user to focus on higher-value tasks.
- > **Increased Autonomy** : The automation of calculations and business rules has diversified skills, strengthening the resilience of the process and reducing reliance on a single resource.
- > **Production Optimization** : More efficient planning has improved production capacity, enabling better anticipation of needs and resource adjustments.



Don't let your processes hinder your growth. Make an appointment with our experts.

The integration of this technology allowed Industries GRC to transform its planning process, providing greater flexibility and improved responsiveness to the growing market demands.