



CASE STUDY

CAF Power & Automation



About the entity

CAF Power & Automation is dedicated to providing specialized technological solutions for information and communication systems in the rail sector.

At CAF Power & Automation, Intelligent Transport Systems (ITS) are developed, which represent a commitment to sustainable mobility; a commitment to increasing mobility on the basis of improving the effectiveness and efficiency of transport and providing security and comfort to its users.

With objectives of effectiveness, efficiency, security and comfort in mind, CAF Power & Automation develop their own ITS systems based on ICT technology (Information and Communication Technology).



Name:

CAF Power & Automation

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Business Units:

Railway

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What is AuraQuantic?

It is a platform that offers easy design and execution of even the most complex operational processes without additional programming.

You simply define the process flow diagrams using drag and drop and AuraQuantic organizes the rest, sending tasks to the right people at the right moment.

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Introduction

With the implementation of the AuraQuantic no-code digital platform, CAF Power & Automation have achieved a much greater flexibility and speed when implementing new applications in the organization, and when modifying existing processes.

Eutik technical consultancy led the project, applying a progressive implementation methodology which gave very impressive results.

In the last 18 months they have launched twenty business applications with BPM processes and the list continues to grow monthly.



Challenge

CAF Power & Automation is an organization that manages many processes daily related to several **management areas**: Commercial Management, Product Design, Project Management, Purchasing Management, Quality Management, etc.

These processes must all meet the requirements of quality standards and models such as the ISO 9001 and CMMI, as well as new industry standards demanded by the customers.

For this reason, one of the main strategic aspects to be improved was the **optimization of the company management processes**.

CAF Power & Automation saw that these objectives could be achieved through the implementation of a digital platform with BPMS as a tool specialized in process management, which was the deciding factor for addressing this project.

MAIN CHALLENGES:



- Automate process workflows, which were previously performed manually.
- Optimize Document Management.
- Autonomy and Simplicity when designing and defining the processes, as well as flexibility and agility when performing and implementing later modifications.
- Enhance accessibility via the internet.
- Process Management supported by databases.
- Eliminate paper documentation.



Solution

The solution consisted of implementing a no-code digital platform with powerful BPM capabilities. CAF Power & Automation evaluated various commercial solutions, focusing on the capacity of each one to meet their objectives. They chose **AuraQuantic** as the tool that could best meet their needs.

The project started by following a progressive implementation methodology. Following the installation of AuraQuantic and the delivery of basic training to those who were to be system administrators and process designers, two processes were designed and operatives were put in place for the rest of the organization.

As a result of these early experiences, the project managers themselves were learning continuously about the most interesting aspects, best practices and necessities that arose from using the system within the organization. Following this, they progressively built more and more processes, keeping in mind the

best practices and lessons learned during the early experiences with the digital platform.

Today, a year and a half later, **CAF Power & Automation** has more than twenty implemented processes and the list grows monthly.

The implementation is continuous, as more applications are being built to manage the company's day-to-day operations, and new, optimized versions of the existing processes are being generated.

“Currently, CAF Power & Automation has more than twenty automated processes and the list grows monthly.”



Results

AuraQuantic has made it possible to **implement process management effectively and efficiently** in the organization, as well as an **agile system for continuous improvement**, ensuring its correct operation at all times, based on the established guidelines. **The level of improvement is estimated at 40%.**

The greatest achievement of the AuraQuantic BPM Suite to date, has been the day to day running of the organization through end-to-end process management, which was initially suspected to be the biggest challenge.

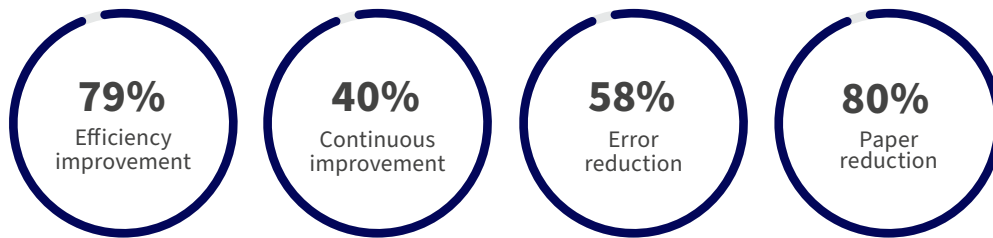
CAF Power has achieved a much greater flexibility and speed when implementing new applications, or modifying existing processes in the organization. It is no longer necessary to write lengthy instructions and guidelines that in practice are generally ignored, or to dedicate internal effort to ensure the instructions are

followed, as the system automatically ensures that tasks are completed correctly and reports any anomaly.

Today, the people are working with processes every time they interact with the platform, even though they may be unaware of it. They are working with the processes agreed upon by a committee created for this purpose who define the optimum processes for the company. These processes are designed based on experience, suggestions for improvement and know-how, establishing this knowledge as the basis for performing the various tasks in the day-to-day running of the business.

The fact that the AuraQuantic platform is 100% web-based makes it easy to use (it runs from an internet browser with no need to install any programs on each computer) and allows access from anywhere as long as there is an Internet connection.

Impact:



Quotes

"The main challenge consisted in providing the organization with a tool that permitted working under a truly effective experience and efficient process management approach, overcoming the obstacles that we were faced with based on our experience in this area."

David Puente López | Quality Manager at CAF Power & Automation



"Launching a new process, or modifying an existing one, is never easy in a complex organization, and there is also a certain reluctance to change which means that the task usually requires much internal dedication, with the results not always as desired."

David Puente López | Quality Manager at CAF Power & Automation

"AuraQuantic has empowered us to effectively and efficiently implement process management in the organization, and an agile system for continuous improvement, ensuring the correct performance at all times, based on the established guidelines and automated to the greatest extent possible."

David Puente López | Quality Manager at CAF Power & Automation





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