



MERCK SEMOY CASE STUDY

Merck Semoy optimizes its operations and overcomes challenges through revamping with Dream Report



After completing the necessary training, we were able to develop the project that allowed us to easily generate batch reports.

At the same time, the Dream Report support team provided valuable assistance, offering both written and oral live support that was responsive and effective "

Pierre Dorron

Process Automation
Production Semoy

CONTEXT

As part of its effort to maintain control over its systems in the face of PLC and HMI obsolescence, Merck Semoy initiated a revamping project to replace these outdated components. This major upgrade required rewriting the programming, a crucial step to ensure operational continuity and efficiency.

To streamline its processes and maintain uniformity across the site, Merck Semoy chose to continue using Dream Report, software already implemented on one of its machines. This choice proved to be strategic, enabling the standardization of reporting tools and avoiding the complexity of managing multiple and different systems.

OPTIMIZATION

Merck Semoy uses Dream Report to ensure that its manufacturing procedures adhere to best practices at every stage of the process, in compliance with written protocols. This allows Merck Semoy not only to track the proper execution of operations, but also to verify that everything proceeds smoothly without deviations.

Dream Report has become an essential tool for Merck Semoy to track key variables such as temperatures, airflow rates, alarms, and other critical parameters. The system enables the recording of these values within a defined timeframe and their storage in a database.

Once the process was completed, Dream Report enabled Merck Semoy to generate reports using customizable templates tailored to its needs. With these reports, Merck Semoy is able to visualize the entire process through graphs, tables, statistical calculations, and other insightful visualizations, thus ensuring a comprehensive overview of the operation.



Dream Report®

The Art of Industrial Intelligence

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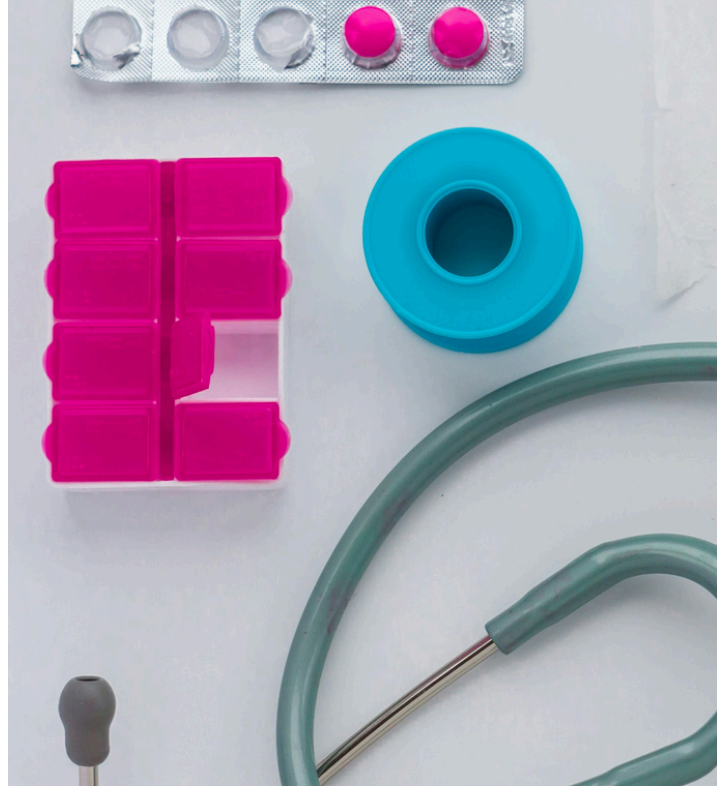


Furthermore, to resolve the connection issues that caused excessive delays when connecting to a Siemens OPC runtime, we performed a software and license update.

This allowed us to permanently fix the connection problems and improve the overall system performance. "

Pierre Dorrón

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SUPPORT

The revamping operation had already been launched twice on two identical machines at Merck Semoy. However, during the implementation of the third machine, the company began experiencing significant slowdowns, particularly when connecting during development, and especially during the startup of the final system supervision. These delays prompted Merck Semoy to seek technical support from Dream Report.

During a remote session, the Dream Report support engineer identified that the developer had retained the OPC data connections from the previous machines within the same project. After removing these obsolete connections, the system's performance significantly improved, restoring the speed and fluidity necessary for efficient operation.

CONCLUSION

The revamping of Merck Semoy's systems, combined with the implementation of Dream Report, has been a great success. Despite the challenges faced, the strategic use of Dream Report ensured that the processes were not only compliant but also optimized.

Thanks to the continuous support of the Dream Report team, Merck Semoy was able to resolve issues quickly and progress toward a smooth and efficient implementation. This experience reinforced the company's belief in the value of standardizing its systems and using powerful and flexible tools to maintain high operational standards.