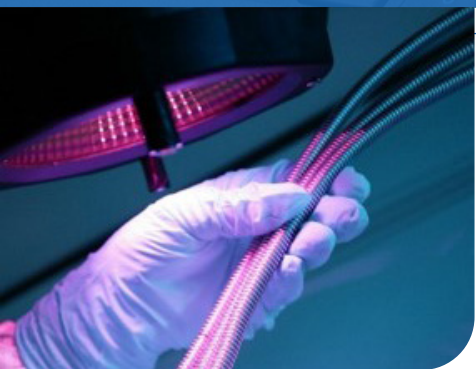# COREDUX MOVES TO A FULLY TRANSPARENT PRODUCTION PROCESS WITH QUINSO

For a fast-growing, ambitious organization with an international customer base that increasingly demands more customization, it is essential to stay ahead of the change. CoreDux, a designer and manufacturer of lay-out systems for gas and liquid transportation, realizes this more than anyone.

With offices in the Netherlands, France and Germany, CoreDux took a close look at their production processes and found that there was profit to be made in better serving their customers and better meeting the needs of their production team. To achieve this, they partnered with Quinso to establish a fully transparent production process by implementing Integrated Smart Manufacturing (ISM).

Transparency in the production process is essential

CoreDux is an all-in-one Original Design Manufacturer (ODM) and System Integrator for gas and liquid transport systems. Using reliable and flexible solutions, CoreDux makes it possible to connect advanced machines for any application and in any industry. They do this by designing and producing tailor-made durable tubing and artery systems.

Rens Konings, Manager of Business Process Innovation at CoreDux: "Our MES system was outdated and no longer suited our change-oriented way of working. That is why we looked for a new system—a system that could effectively support production leaders and employees in their result-oriented work. One that could enable them to maintain a good overview and also let them know whether they are achieving the desired results. A system that could deliver reliable data, so that employees could have the opportunity to make adjustments as well as use a dashboard to discuss and learn from each other."

Modernized shop floor management system

Two important criteria formed the starting point in the selection process. The solution had to be quick to implement. And it had to be able to meet CoreDux's specific requirements.

Following Quinso's advice, CoreDux opted for Integrated Smart Manufacturing (ISM). ISM is an integrated end-to-end shop floor solution based on SAP's Manufacturing Integration and Intelligence (MII). This solution establishes a direct connection between machines on the shop floor and the operational SAP ERP system. Moreover, it enables real-time reporting. Quinso developed ISM especially for the manufacturing industry, based on their extensive experience and knowledge.

The fact that ISM creates a good connection between the shop and top floor and also optimally connects to the current SAP ECC, was an additional reason for CoreDux to choose this software.
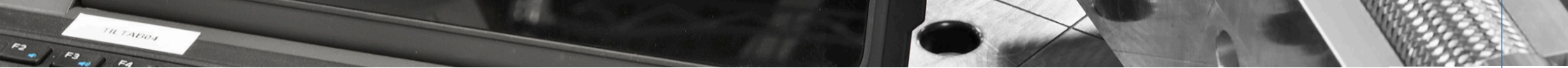
Implementation through partnership

Rens Konings: "The contact with Quinso felt sincere and familiar from the beginning. CoreDux and Quinso share a similar hands-on culture and it was very apparent that Quinso was looking for – and delivering – the best solution for us. The ISM implementation began at the factory in the Netherlands, and later in France. To ensure a fast and smooth implementation, CoreDux and Quinso formed a dedicated team of people to fully focus on the efforts. CoreDux

mainly focused on change management. On involving stakeholders and users in the development and the commissioning of the system, and in the changes in work as a result of the new system. Quinso drew up the implementation plan, and guided the entire process, including of course the installation and commissioning of the software, as well as the SAP ECC integration.

The project started with the installation of SAP MII. The specific requirements were then determined through workshops: what do we have now and what would we like in the ideal future situation? Priorities were set via the MoSCoW method, which is a way of prioritizing often used in software engineering. The project result requirements were classified according to: 'must haves, should haves, could haves and won't haves'. The development process started on the basis of these requirements and priorities using the SCRUM method. Working software was delivered in short sprints that could be tested, evaluated and adjusted immediately. This reduced the risk that users could only see and try the result at the end of the project, ensuring it was being developed according to their wishes. This method also made it possible to have continuous insight into the progress. After the implementation of all the requirements in the software system, extensive testing was carried out until the system worked perfectly stable. The test phase was completed with an acceptance test among users and then ISM was ready to go live!

Karin Lokers, Senior SAP Consultant: "In a short time, a significant number of functionalities were delivered to make CoreDux's system a lot more user friendly. Quinso's added value mainly lies in thinking together, focusing on CoreDux's specific situation and how the result can be as great as possible for them."

Ready for growth in 3 months

With the implementation of ISM, CoreDux is ready for its planned growth, and to continue to successfully meet the needs and wishes of their international customers in the future. In just 3 months, CoreDux has switched to a completely new and modern shop floor management system.

Rens Konings: "This success is mainly due to the mutual trust between CoreDux and Quinso. Together we succeeded in realizing this beautiful implementation in a short time!"