

Manufacturing Orchestration for Scalable Operations

Summary

A European pump manufacturer faced growing operational strain as increasing sales exposed inefficiencies in manual assembly processes, fragmented systems, and limited data visibility. Reporting delays and inconsistent workflows made it difficult to scale operations and prepare accurate financial data for a planned business sale. By implementing Clockworx's orchestration and automation platform, the company digitized workflows, centralized operational data, and enabled real-time performance visibility. The result was improved efficiency, reduced errors, and enhanced transparency positioning the organization for scalable growth and a successful sale.

The Challenge

As demand increased, the manufacturer struggled with:

- Manual, paper-based assembly processes
- Communication gaps affecting order accuracy
- Disconnected systems requiring Excel-based reporting
- Limited visibility into workflow performance
- Delayed KPI reporting and decision-making
- Labor-intensive financial data preparation

Operational inefficiencies were slowing responsiveness and impacting quality, customer satisfaction, and strategic planning.

The Result

- 40% reduction in manual process errors
- 35% improvement in order fulfillment accuracy
- 30% reduction in assembly task time
- Transition from delayed reporting to real-time KPI visibility
- 100% auditability across workflows

The transformation provided transparency, accountability, and operational control. Most importantly, accurate and accessible financial data supported the company's readiness for sale while ensuring scalable, future-ready operations.

The solution created a single source of truth across production, management, and finance teams.

Solution

Clockworx implemented a centralized orchestration platform that:

- Digitized and automated critical production workflows
- Introduced detailed, step-by-step digital assembly instructions
- Embedded fine-grained time tracking into processes
- Centralized operational data into role-based dashboards
- Enabled end-to-end workflow automation
- Delivered real-time performance reporting

