EXTENDING PLM CAPABILITIES WITH LOW-CODE TECHNOLOGY

MENDIX FOR TEAMCENTER

CLEVR

> **Digital transformation** needs a collaborative ecosystem that blends technology and industry expertise. By working together, we co-create new possibilities and Build Tomorrow Together.

— Jeroen Hanekamp | CEO Of CLEVR

WHY LOW-CODE FOR PLM?

Integrating low-code platforms with PLM systems is crucial for optimizing product lifecycle processes and ensuring operational efficiency. In manufacturing, this approach enables organizations to respond to new opportunities and challenges with Rapid Application Development facilitated by low-code.

76% of CIOs report increased demand for new digital products and services.

72% of manufacturing companies believe that advanced analytics are key to improving productivity.

Digitalization is not just an option; it is imperative for modern manufacturing to remain competitive and innovative in a rapidly changing landscape.

WHAT ISSUES DO PLM SYSTEMS AND LOW-CODE TECHNOLOGY SOLVE?

Data management challenges

Fragmented data silos and vast datasets complicate management, which requires robust solutions.

Process optimization challenges

Workflow automation and real-time analytics require significant investment to enhance efficiency and reduce costs.
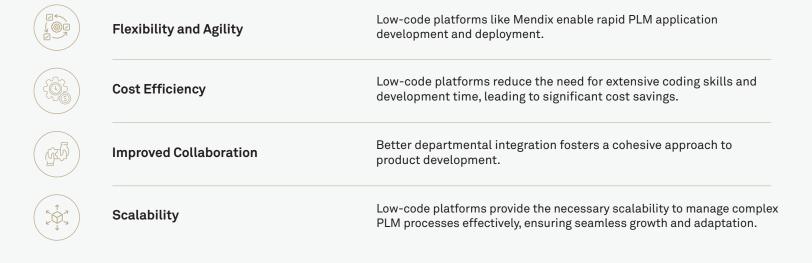
Engineering data handling

Managing complex engineering data across systems is essential. PLM systems using low-code can improve efficiency and improve decision-making when using this data.

Low-code platforms can play a significant role in mitigating these challenges by enabling quicker development of customized PLM solutions, enhancing data integration, and improving agility in process optimization.

WHAT ARE THE BENEFITS OF INTEGRATING MENDIX WITH TEAMCENTER?

Flexibility and Agility — Low-code platforms like Mendix enable rapid PLM application development and deployment.

Cost Efficiency — Low-code platforms reduce the need for extensive coding skills and development time, leading to significant cost savings.

Improved Collaboration — Better departmental integration fosters a cohesive approach to product development.

Scalability — Low-code platforms provide the necessary scalability to manage complex PLM processes effectively, ensuring seamless growth and adaptation.

IMPLEMENTATION WITH CLEVR

Partnering with Siemens and Mendix, CLEVR develops customized PLM systems complemented by low-code solutions. This demonstrates the potential of low-code platforms to deliver scalable, user-friendly applications tailored to specific needs.

OPTIME SUBSEA CASE: THE PIN TOOL

CLEVR used Mendix low-code to optimize Optime Subsea processes by developing the PIN Tool. This application allows users to create Problem/Improvement Notifications (PINs) directly from Teamcenter PLM, assign them via Azure AD, and register issues quickly. Features like all-device compatibility, Single Sign-On, and public cloud deployment enhance the overall user experience.

By extending Configuration & Change Management benefits beyond the Engineering department, the Pin Tool significantly enhances overall organizational efficiency and performance.