Worldwide-Leading Fiberglass Manufacturer
Detected Asset Failure and Reduced Manufacturing Downtime with C5MI

CUSTOMER PROFILE
A U.S.-based fiberglass and insulation manufacturer. Their products help make sustainable insulation with modern manufacturing techniques and materials.

CHALLENGES
Our customer was experiencing manufacturing disruptions resulting from unplanned downtime and no real-time visibility of their assets. The challenges they brought to C5MI’s experts included:

- Ineffective data—engineers working from asset data that is weeks or even months old
- Multiple disparate data sources with different methods for labeling and indexing data
- Unexpected asset failure, often at expensive or inopportune moments
- Time wasted manually searching large datasets for trends

SOLUTIONS
C5MI recommended and implemented the following digital solutions:

- Coordination of the SAP Manufacturing Integration and Intelligence (MII) to orchestrate multiple data sources into one data hub.
- Creation of an Asset Common Operational Picture
- Use of SAP Intelligent Asset Management to enable condition-based monitoring and predictive maintenance
- Planning a scalable asset management system that will allow the client to expand these practices as needed

IMPACTS
Our solutions helped the customer achieve increased visibility and immediate ROI.

- Secure communication pipeline between on-premise and cloud applications
- Increased trust in the SAP digital systems and reduced risk
- Client engineers now able to quickly triage issues
- ROI achieved through mitigation of these first two instances alone
- Real-time IoT visibility—every 5 minutes vs monthly
- Two early detection alerts (motor and bearing failures) within the first six months
- $300,000 reduction in lost revenue in the first five months from early detection

Schedule a call with our team to discuss how C5MI can help you converge your people, processes, and technology to achieve better business outcomes.

www.C5MI.com

How Prepared Are You for Industry 4.0? Take the Self-Discovery!