

DIGITAL ASSEMBLY MANAGEMENT SYSTEM

Enhancing Manufacturing Efficiency with
Smart, Data-Driven Assembly Processes

Unlocking the Future of Smart Manufacturing

byteFACTORY DAMS bridges IT and OT to transform shop floors into intelligent, connected ecosystems. It delivers real-time visibility, enables preventive maintenance, and ensures seamless traceability—empowering manufacturers to boost agility and achieve zero downtime.

Driving Impact from Insights



Higher Efficiency

Streamline production and maximize throughput with real-time insights and automated workflows.



Increase Throughput

Accelerate production cycles and minimize downtime with intelligent scheduling and real-time analytics.



Lower Waste/defects

Enhance quality control reduce material loss through predictive insights and automated issue detection.



Increased Traceability

Track every component & process step in real time for full production visibility and faster root-cause analysis.



Increased Agility

Adapt quickly to changes in demand, design, or production with flexible, data-driven operations.



Better Decision Making

Leverage real-time data and actionable insights to drive smarter, faster operational decisions.

DAMS Features



Job Order



OLE



Andon Alert System



Digital Work Instructions



Traceability



Quality Control



Analytics & Report

DAMS : A Turn Key Platform

Say Goodbye to:

Manual entry, inefficiencies, and firefighting.

Say Hello to:

Real-time insights, data-driven decisions, and proactive alerts.

Customers

