



Global Visibility & Actionable Intelligence with SAP Digital Manufacturing Cloud

Operational Effectiveness with Connected Manufacturing

Industry 4.0 is about collecting, analyzing and applying data so your operations can become service-based to handle mass customization. One of the ways to connect processes, information and communication is with cloud solutions. SAP Digital Manufacturing Cloud (DMC) is a solution enabling the deployment of Industry 4.0 technologies to the cloud that extends the capabilities of on-premise applications.

The benefits from implementing the solution include:



Access to data from multiple systems (automation and operation) at the global and plant levels for performance adjustments and troubleshooting



Enhancing continuous improvement initiatives with AI, machine learning and root-cause analysis



Improving visibility in your extended supply chain from suppliers to OEMs to logistics partners



Increasing customer satisfaction with customization while maintaining margin, product variability, productivity and quality

Connected Production Is Smart Business

Manufacturers have embraced automation, computerization and digitization to increase the efficiency of their operations. Yet, information may not move smoothly within the plant, across locations or to the enterprise level. This lack of visibility can hinder the use of AI and machine learning. While senior leadership and executives may find it more difficult to make decisions without access to real-time, synchronized data.

Common disconnected manufacturing challenges often have:

- Manual and paper processes
- IT and OT inefficiencies
- Different definitions and standards
- Insights into local operations only
- Lack of visibility and synchronization between departments
- Inability to scale or contract based on market needs

SAP Digital Manufacturing Cloud helps address these issues by connecting people, processes and systems, including on-premise solutions, for global insight into design, production and results. The solution provides:

- Out of the box integration with SAP S/4 HANA and SAP ERP, plus SAP ME and SAP MII
- Pre-configured industry standard manufacturing key performance indicators (KPIs) with the ability to customize
- Advanced analytics for pattern detection and personalized performance improvements
- Real-time visibility into manufacturing processes locally or across all global operations
- Resource optimization based on current workflows and Industry 4.0 scenarios

Companies can select from two modules depending on their operational focus.

SAP Digital Manufacturing Cloud for Execution

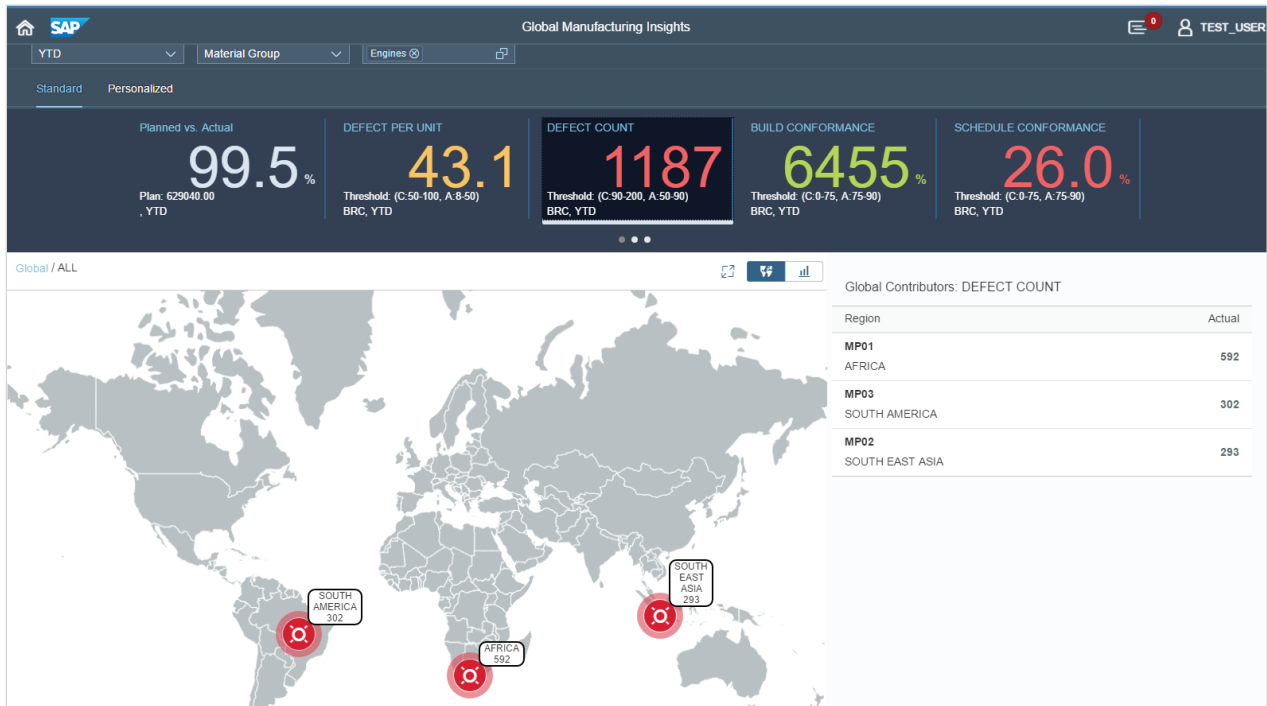
The execution module enables Industry 4.0 capabilities with complete component and material-level visibility for single location and global installations. Paperless production helps shop floor operations integrate seamlessly with business systems.

SAP Digital Manufacturing Insights

The SAP DMI module provides tools to improve performance management and predictive quality. It supports business goals such as OPACC and OEE through the creation of uniform industry standard metrics that are fed by real-time integrated data. This module also powers machine learning, pattern or trend recognition and root cause analysis. These insights truly connect the top floor to the shop floor for a holistic view of the entire operations with the capability to drill-down as necessary.

The Power of Connections

This enhanced connectivity from implementing SAP Digital Manufacturing Cloud powers tactical and strategic decisions at the global and plant level by enabling forecast, issue and performance monitoring.



Movilitas, Your Partner in Digital Transformation

Selecting the right solution for your operations isn't always easy. Movilitas understands manufacturing challenges and provides support at each stage of your journey from implementation to customization. Our experts provide the services required to manage a full implementation project cycle.

- We are recognized as a trusted SAP partner for digital supply chain transformations
- Our international team of Industry 4.0 and IoT pioneers has cross-industry expertise within the process and discrete manufacturing sectors
- 50+ customer manufacturing execution system (MES) projects completed ranging from single site to multi-site, multi-country and multi-time zone deployments based on a global MES template

Let's explore your opportunities

Start a conversation with our experts today movilitas.com/contact

