

SAP Digital Manufacturing for Electronic Industry



Achieve Agility, Quality, and Efficiency Across Electronic Production Operations

SAP Digital Manufacturing for the Electronics Industry enables electronics manufacturers to orchestrate end-to-end shop floor operations- from production order scheduling and assembly to inspection and packaging- through a cloud-based, connected manufacturing platform. Built on **SAP Digital Manufacturing and SAP Business Technology Platform**, the solution provides real-time production visibility, standardized execution across work centers, and traceable data collection with electronic signatures. By integrating seamlessly with SAP ERP and leveraging embedded and custom analytics, manufacturers gain enhanced quality control, operational transparency, and data-driven decision-making to support high-mix, high-precision electronic production environments.

Key Modules & Capabilities

■ Scheduling (Supervisor)

Supervisor schedules and releases via Resource Orchestration.

■ Work Center POD (Operator)

The operator executes the assigned operation by reviewing digital work instructions, performing kitting activities, and capturing required production data. The order is completed with electronic confirmation, ensuring accuracy, traceability, and compliance.

■ Visual Inspection POD (Quality Manager)

Record the inspection characteristics and perform the required visual inspection. Log any non-conformance identified during the inspection. Complete the electronic signature to confirm the inspection.

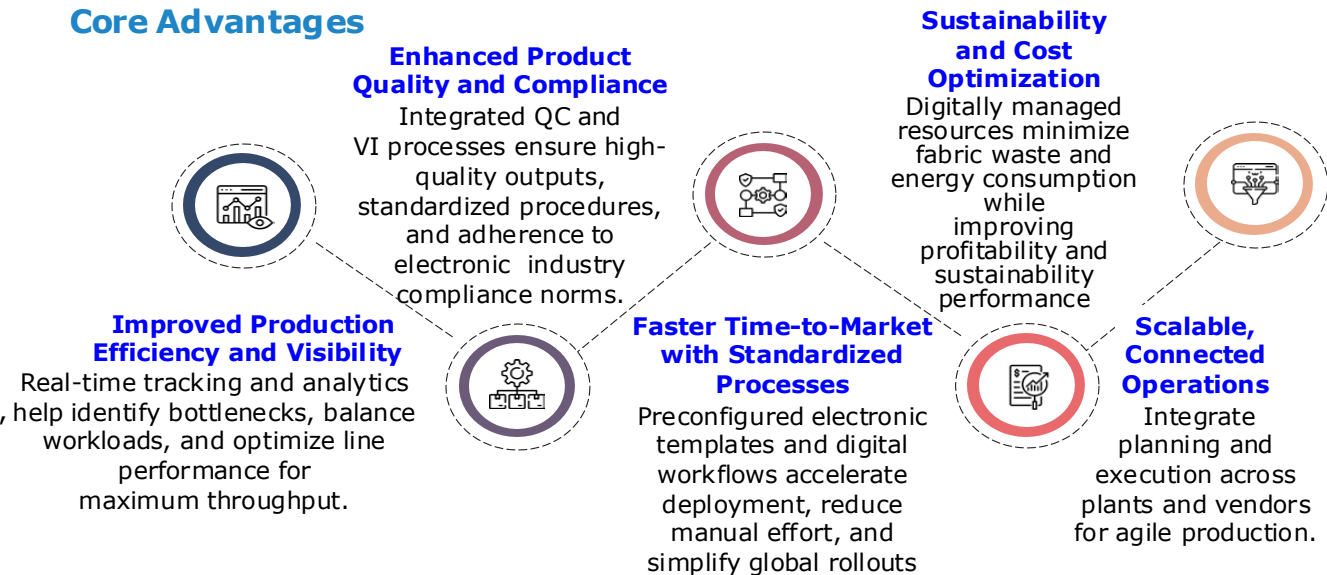
■ Packaging (Operator)

Labeling, Packing, and goods receipt in SAP DM.

■ Monitoring & Analysis (Supervisor/Manager)

SAP DM Line Monitor dashboards provide real-time visibility into shop floor operations, enabling proactive monitoring and control. Custom dashboards on SAP BTP and embedded analytics with SAP HANA deliver KPI-driven insights and in-depth production analysis.

Core Advantages



Elevate Your Electronic Manufacturing with SAP Digital Manufacturing

Discover how SAP Digital Manufacturing transforms electronic production into a connected, transparent, and data-intelligent enterprise. Contact us to schedule a demo and explore how your electronic manufacturing can achieve digital excellence.