SAP Manufacturing Execution is a powerful solution for improving manufacturing operations and enabling Industry 4.0 readiness. It helps manufacturers:

- Execute manufacturing processes, analyze manufacturing figures, amounts, and product specifications.
- Manage disassembly activities after efficient, high-quality, and resource allocation.
- Improve efficiency through execution and continuous improvement.
- Enable secure asset information collaboration across the enterprise.
- Enable continuous improvement with integrated, value-driven maintenance strategies.
- Leverage efficient maintenance execution processes to improve equipment reliability.
- Leverage out-of-the-box analytics for key operational performance data.
- Enable key manufacturing operations stakeholders to efficiently install, inspect, maintain, and repair assets.

SAP Manufacturing Execution is a comprehensive solution that provides a cost-effective approach to manufacturing operations and enables companies to:

- Leverage the power of Industry 4.0 technologies to transform manufacturing processes.
- Integrate and embed intelligence in manufacturing processes across the digital supply chain, covering all aspects of the manufacturing cycle.
- Enable secure asset information collaboration across the enterprise.
- Leverage out-of-the-box analytics for key operational performance data.
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Manufacturing Execution (Industry 4.0) provides a holistic approach to modernizing manufacturing operations and enabling Industry 4.0 readiness. It helps manufacturers:

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SAP Digital Manufacturing Insights

Enable manufacturers to execute, optimize, and track orders based on detailed specifications. SAP Digital Manufacturing Insights provides real-time insight, enabling manufacturers to:

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SAP Digital Manufacturing Cloud for Execution

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Manufacturing Operations

Identify and prioritize critical material issues and maximize enterprise-wide visibility across supply, production, inventory, and demand.

- Kanban
- Production Execution
- Production Scheduling
- Project-Driven Manufacturing, Procurement, and Assembly
- Production Control
- Constraint Based Production Planning
- Production Warehouse
- Quality Planning
- Quality Planning

Arctica Network

Maximize the value for teams and suppliers to collaborate on transactions, strengthen relationships, and discover new opportunities.

- Forecast, Order, Quality and Inventory Collaboration
- Order Book Management
- Supply Chain Collaboration

SAP S/4HANA

Gain a new level of insight across your enterprise with real-time visibility across procurement, production, inventory, and demand.

- Manufacturing Networks
- External Processing
- Manufacturing Network

Manufacturing Process Planning

Improve efficiency and consistency by managing the flow from design to manufacturing.

- Handover to Manufacturing
- Quality Planning
- Manufacturing Engineering

SAP 3D Visual Enterprise Generator

Transform nearly any 3D CAD file into a lightweight format for downstream use, and support specific work processes in engineering, manufacturing, and maintenance.

- SAP S/4HANA Manufacturing
- SAP Extended Warehouse Management

Ariba Network

Connect with customers, suppliers, and partners to improve visibility and collaboration across procurement, production, and demand.

- Forecast, Order, Quality and Inventory Collaboration
- Handover to Manufacturing

Interested?

Reach out with comments, questions, or feedback.