

Provided by Fujitsu

SAP Cloud Manufacturing Solutions

SAP® Digital Manufacturing Cloud Manufacturing Execution / Resource Orchestration / Manufacturing Insights

Digital supply chain is integrated from design to operating acts. Integrate business systems to the shop floor and improve the visibility, analysis for the global operations. This solution provides the right information (such as resources, personnel, machines, and support services) to the top floor in real-time. Enable better decisions like optimize manufacturing performance, resource planning.

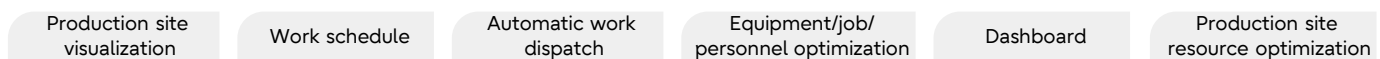
SAP® Digital Manufacturing Cloud for execution

- Manage production environment using latest technologies built on the SAP cloud platform.
- Coordinates and controls shop floor with SAP ERP and S/4HANA.



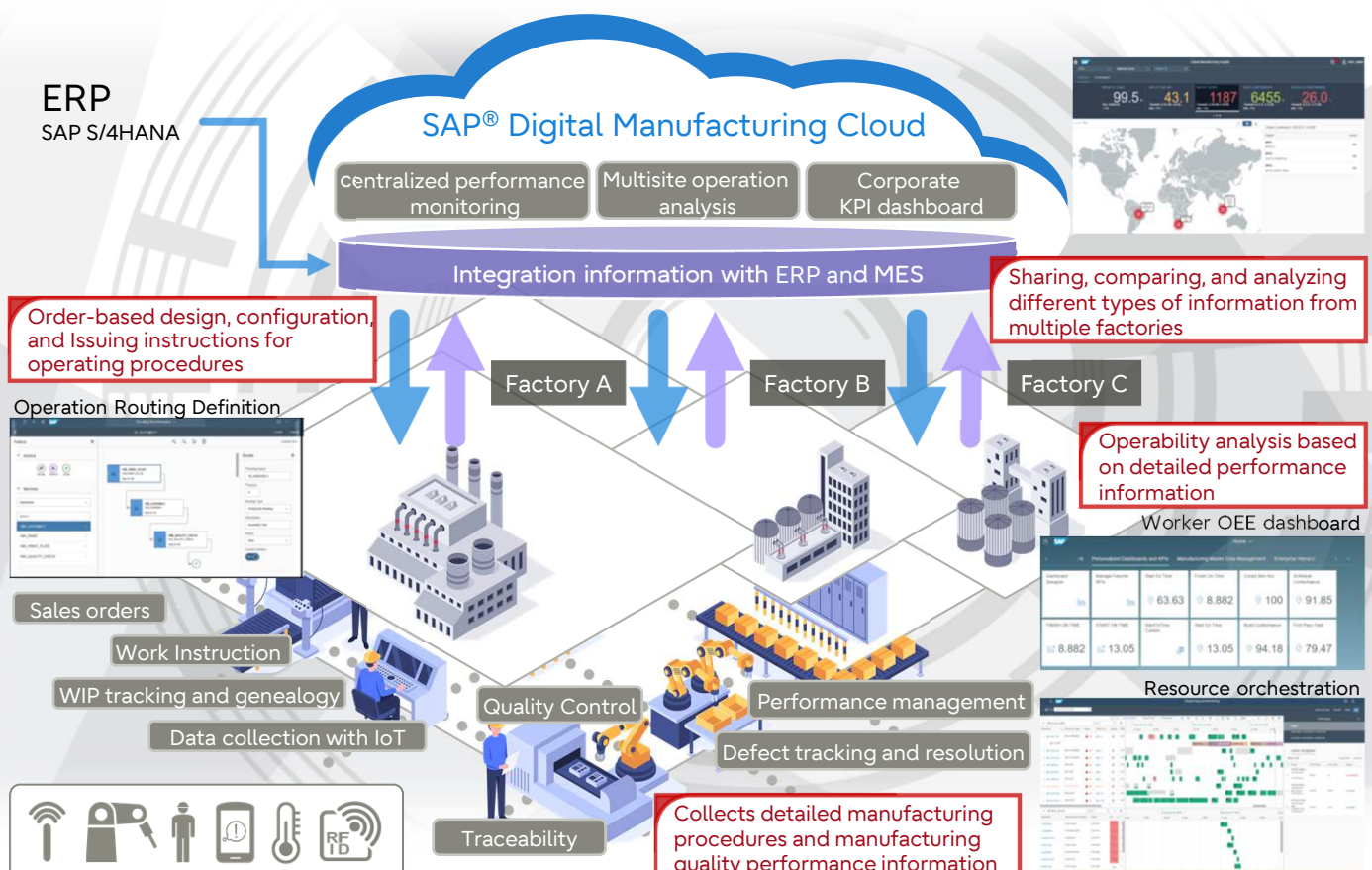
SAP® Digital Manufacturing Cloud for Resource Orchestration

- Cloud-based work level schedule planning tools in SAP Digital Manufacturing Cloud.
- Increase productivity on the production site by effectively planning work schedules and resources on the production site.



SAP® Digital Manufacturing Cloud for insights

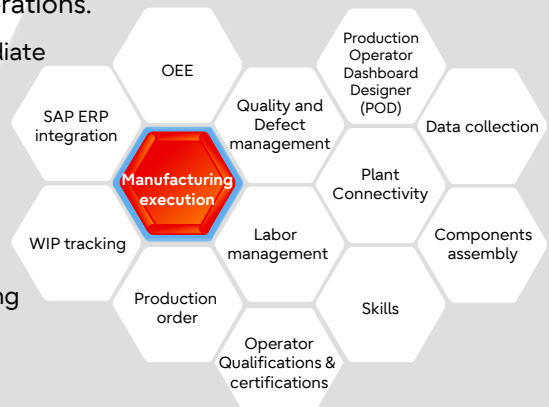
- Managing and controlling production systems with real-time insight and root-cause analysis.
- Detects quality defects and incorporates for Predictive Quality Leverage machine learning.



SAP® Digital Manufacturing Cloud for execution

A standardized user interface for operators and a standardized connection process for production site equipment are provided to optimize production execution operations.

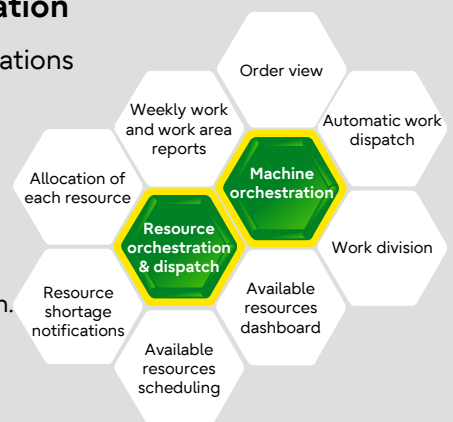
- 1 Implement shop floor scenarios from top business systems for immediate integration into SAP solutions to increase return on investment.
- 2 Utilize an intuitive user interface (UI) for production personnel. Convert to paperless production.
- 3 Robust and accurate tracking of production performance using digital data.
- 4 Ensures manufacturing quality information and provides manufacturing efficiency information by connecting all work structures and results information on the production site.



SAP® Digital Manufacturing Cloud for Resource Orchestration

Enables effective management of production site manufacturing operations by optimizing the usage plans for resources, tools, and labor.

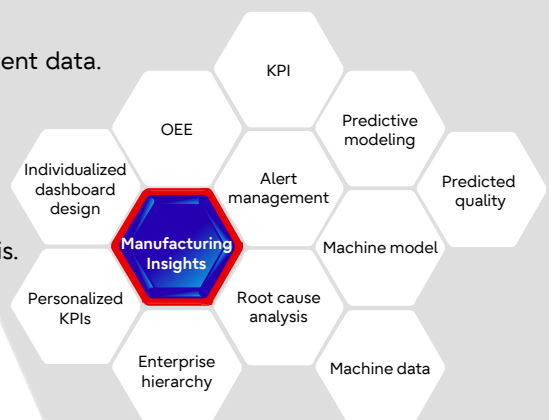
- 1 Reduces production cycle time by quickly adjusting production schedules to current production site conditions.
- 2 Automated dispatch and sequencing operations for simple production site dispatch.
- 3 Monitor the entire manufacturing process to optimize resources and execution.
- 4 Supports flexible production site scheduling with up-to-date production site status and automated dispatch for rapid response to unexpected events.



SAP® Digital Manufacturing Cloud for insights

A cloud-based, centralized manufacturing performance management solution that provides key players in manufacturing execution with tactical and strategic decisions to achieve leading-edge manufacturing performance.

- 1 Standardized key performance assessments defined based on consistent data.
- 2 Using dashboards filled with metrics (KPI) Performance Analysis.
- 3 Get data from shop floors and production systems. Combine with contextual information from business sources such as SAP ERP.
- 4 Leverage machine learning algorithms built into quality defect analysis.
- 5 Perform root-cause analysis and drill-down at any level (Global, plant, or individual work centers)
- 6 Customize reports and create individual dashboards and create customized KPI calculation formulas.
- 7 Use analytical models to bring in data from non-SAP sources.



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SAP Manufacturing Execution System (MES)

<https://www.fujitsu.com/global/services/application-services/enterprise-applications/industry/sap-industry/mes/>

We support the Sustainable Development Goals (SDGs)

