

Provided by Fujitsu SAP Manufacturing Execution System (MES)

SAP® Manufacturing Execution
SAP® Manufacturing Integration and Intelligence

Industry 4.0 is involving business models in manufacturing industry. Understanding the condition of the shop floor with the IoT technology is one of the essential approaches for this transformation. Fujitsu's SAP manufacturing Execution Solutions provides real time information to the top management which leads for quick and efficient business decision by visualizing the issues, challenges and the solutions by integrating the manufacturing process control and executions.

SAP® Manufacturing Execution (SAP ME)

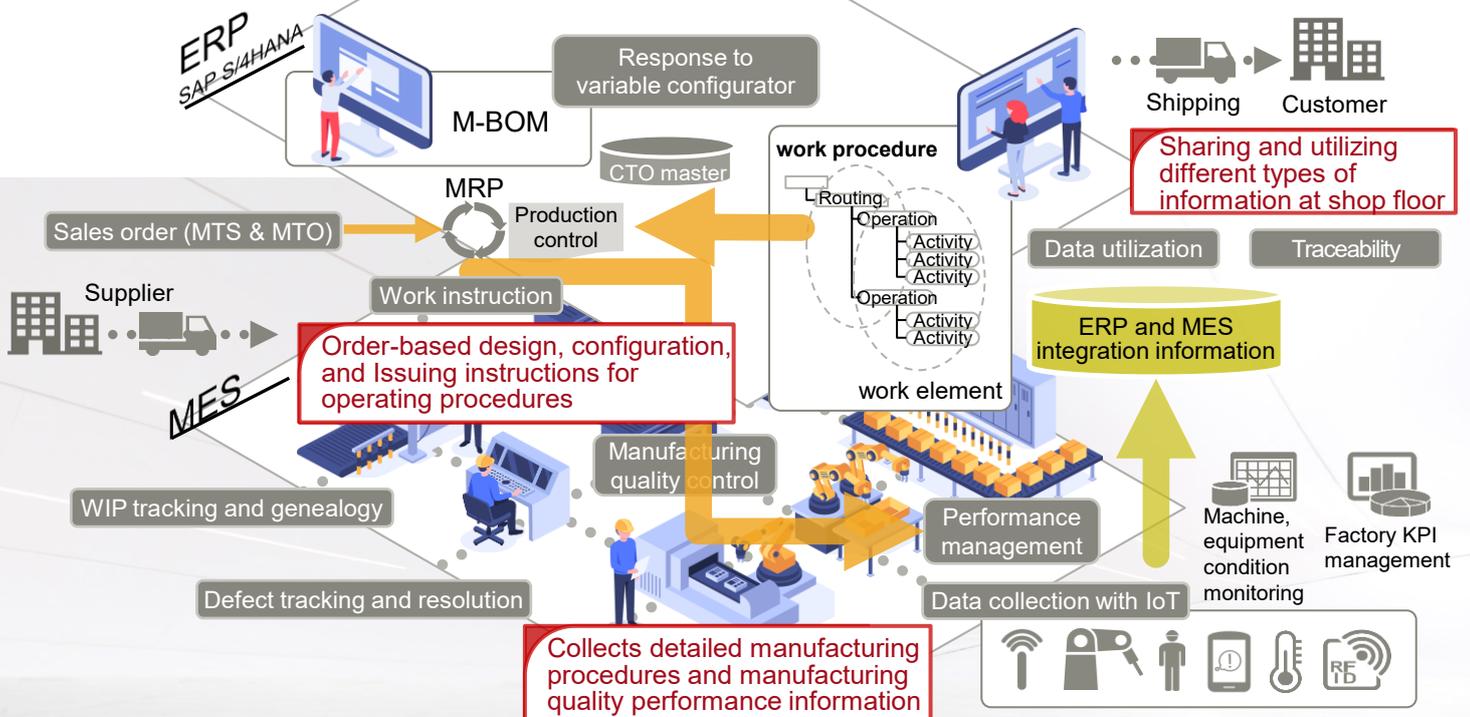
Improve manufacturing operation efficiency and comply with global quality regulations. Digitization connects different types of tasks and information on the shop floor, which enhance work efficiency and assure production quality

- Manufacturing Execution control
- Data collection and analysis
- Engineering change management
- Operation management
- Track & trace
- Quality management

SAP® Manufacturing Integration and Intelligence (SAP MII)

Streamlined communication between management and the shop floor through visualization of manufacturing processes. Collecting and analyzing manufacturing information in cooperation with ERP information, real-time communication between management and the production site.

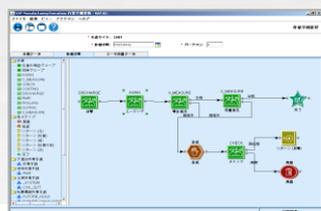
- ERP / MES integration
- Plant visualization
- Machine IoT data collection
- Production/manufacturing analysis alert
- Quality report
- Web browser screen



Work order screen



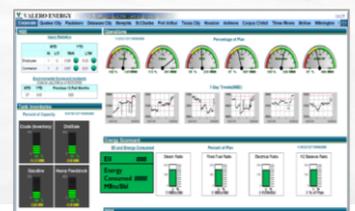
Operation procedure setting screen



Facility operation monitoring



Factory KPI management



■ Overview and Features of SAP® Manufacturing Integration and Intelligence (SAP MII)

SAP MII is not only analytics platform for shop floor data visualization but also integrates with the business information to build the thread from the top floor to the shop floor..

FEATURE 1 DATA INTEGRATION

- Enable real-time data integration of shop floor systems, applications, enterprise systems, etc.

FEATURE 2 VISUALIZATION

- Using a web browser to visualize manufacturing across the factory.
- Provides dashboard screen with configurable components.
- Able to view on mobile devices.

FEATURE 3 INFORMATION INTEGRATION AND ANALYSIS

- Integrate plants and enterprise system information for efficient operations
- Ability to aggregate data and transform to different data format.
- Quick to understand the shop floor activities with KPI and alert management.



■ Overview and Features of SAP® Manufacturing Execution (SAP ME)

SAP ME is a manufacturing execution management system for the discrete manufacturing industry, and its rich functional group contributes to improvement of productivity and quality of shop floor and enables easy global deployment.

FEATURE 1 FULL SUITE TO MEET THE VARIOUS REQUIREMENTS OF SHOP FLOOR

- Serialization of manufacturing instructions and realization of work-in-process tracking.
- Thorough control of nonconforming products, including in-line sampling inspection, nonconformity information, and repair history.
- Collecting manufacturing data for individual processes (assembly, nonconformities, and components used) and traceability.
- Real-time change management (planned engineering changes, instruction changes, BOM/routing / Item change, etc.).

FEATURE 2 GLOBAL DEPLOYMENT EASILY

- Using template, it will be rolled out to overseas locations..
- Multilingual support.

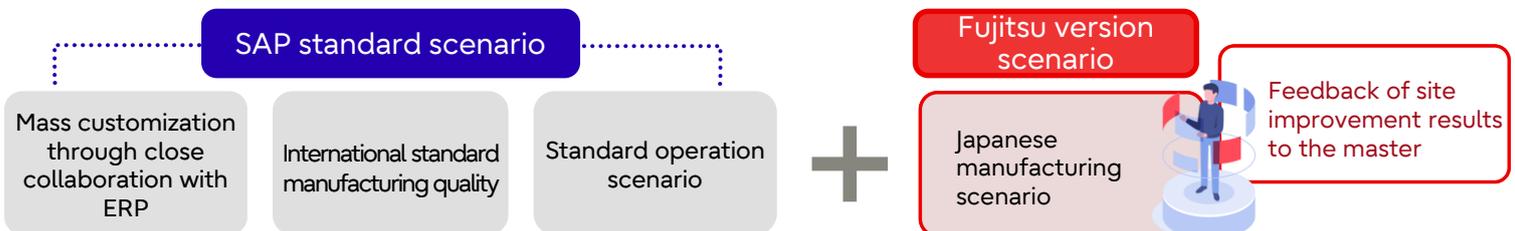
FEATURE 3 INTEGRATION

- Fast, program less integration with ERP.
- Connecting to shop floor equipment such as SMT and PLC.



Providing solutions based on Fujitsu's own model

By adding and enhancing Japanese manufacturing scenarios to the global standard scenario of SAP ME/MII, we support optimization of manufacturing sites and optimization through Kaizen activities.



The global standard standard operation model is a mismatch with Japan's kaizen activities aimed at site optimization.

Strengthen the global standard model and provide a unique manufacturing model for efficiency and optimization of Japanese manufacturing sites

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SAP Manufacturing Execution System (MES)

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

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We support the Sustainable Development Goals (SDGs)

