FUJITSU

SAP® Digital Manufacturing

Manufacturing execution system (MES) provided by SAP closely links manufacturing and ERP to optimize manufacturing sites and ensure quality

Do you have any of the following issues at your manufacturing site?

- Individually digitized data is scattered in the factory and cannot be linked.
- You are busy every day with the operation of the factory manufacturing site system.
- Processes at suppliers and overseas factories are not visible in real time.

What can be done with SAP® Digital Manufacturing

Comprehensive functions to meet the requirements of manufacturing sites

- Enable to assign a serial number to orders and track work in progress material
- Thoroughly control non conforming products through in-line sampling inspections, highlight non conformity data, repair histories for example
- Collect manufacturing data for individual processes
- Manage changes in real time

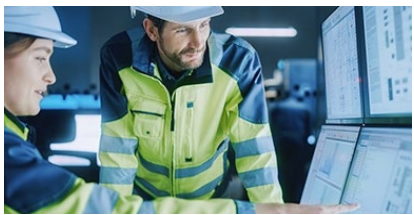### Enhanced manufacturing information and KPI analysis

- Integrate management information (ERP) and manufacturing information (MES) to enhance top-level decision-making
- Customizable dashboard for data aggregation and reporting
- KPI calculations and highlighting alerts from different manufacturing locations

Facilities global expansion

- No infrastructure preparation thanks to SaaS
- Quick, flexible implementation through setting of parameters
- Multilingual support
- SAP functions allow the addition of new industry trend functionality

Fujitsu solutions to help solves manufacturing problems

Enhanced traceability

Connecting management information (ERP) to MES and the manufacturing floor enables you to manage data centrally; early detection of issues; utilize data to improve production quality and decision making.

Keep pace with changes in production methods

Utilizing an operation and maintenance free SaaS enables agility and adaptability to respond to changes in the environment.

In addition, low-code development allows for customization of the system configuration to adapt to customer's unique production process.

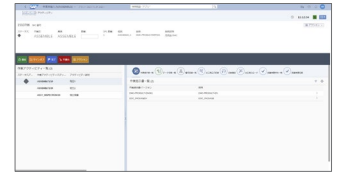**Expedite top-level decision-making**

Linking up data used on the shopfloor and the manufacturing processes between Global and local locations will provides data insights to aid decision making.

SAP® Digital Manufacturing

SAP® Digital Manufacturing Cloud for execution
MES

- Digitalized management of manufacturing results and real-time process-by-process information enables you to manage the progress of production plans and improve quality.
- Tracing composition from the raw materials to the final product highlights any problems to address.

SAP® Digital Manufacturing Cloud for insights
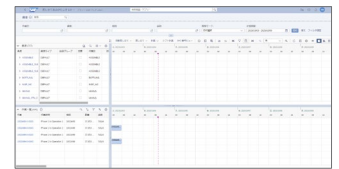### Analysis and visualization

- The dashboard provides visibility of manufacturing records and performance data.
- Linking SAP's KPIs with your own KPI's will enable you to monitor the status of individual and multiple locations giving you the power to centrally manage information and make decisions effectively.

SAP® Digital Manufacturing Cloud for Production Connectivity
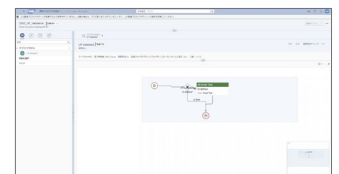### Equipment coordination

- The collected equipment performance data can be linked to SAP® Digital Manufacturing and it will be kept as a record in SAP® Digital Manufacturing
- Using SAP® Digital Manufacturing Cloud to give instructions to equipment (e.g. OPC tag rewriting) to streamline maintenance instructions, plans, equipment management, improving production efficiency for example.

SAP® Digital Manufacturing Cloud for resource orchestration
Site Planning / Dispatching

- Provides a detailed plan of instructions to be executed for on-site resources (e.g. equipment, teams, etc.) which enables efficient scheduling and management.
- Understanding the status of workers, jigs, and tools for example through utilization planning management, leading to improved production efficiency and optimizing resource management.

SAP® Digital Manufacturing Cloud for Production Process Designer
Automation / Low-code Development

- The SAP® Digital Manufacturing Cloud results entry screen enables you to create an action button for executing manufacturing process and program.
- The automatic triggering feature allows the scheduling of production processes allowing to be more flexible and efficient.

AI/ML
AI / Machine Learning

- Image quality inspection through captured images of products supports the creation of records and provides information on non conformities, improving quality control efficiency and accuracy.

For inquiries and consultations regarding SCM / ERP / MES solutions for the manufacturing industry:

Contact us by phone
0120-933-200
Office hours: 9:00 a.m.–12:00 p.m.; 1:00 p.m.–5:30 p.m.
(excluding Saturdays, Sundays, holidays, and holidays designated by our company)

Inquiries via our website
We use SSL technology in terms of security protection.

Inquiry form ›