Decisyon Digital Factory

Visual MES Solution Brief

Decisyon Digital Factory's Visual MES solution supports and drives production processes, providing access to all relevant information and the functionality to track activities, analyze and collaborate in context of specific issues, then take action in real time.
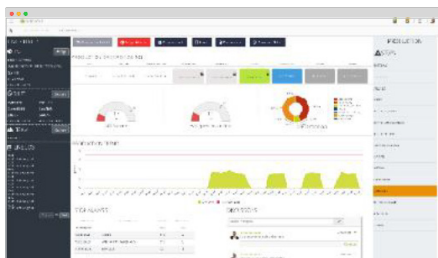
With Decisyon's Visual MES, you'll dramatically improve real-time information, reducing down time, proactively preventing maintenance or quality issues and eliminating costly production delays.

The Visual MES allows you to integrate information coming from disparate sources (users, sensors, machines and existing systems, like ERP), into a unique interface. The solution has the capability to collect, aggregate and share information in real time from the shop floor while there is still time to act.
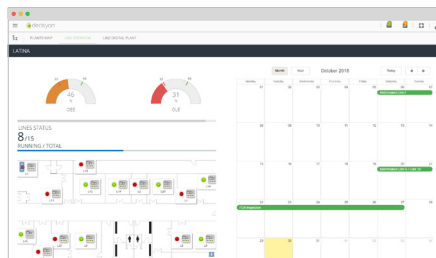
You'll experience rapid decision making at both the local (production line) or global (management) level, as you share information across all stages of operations.
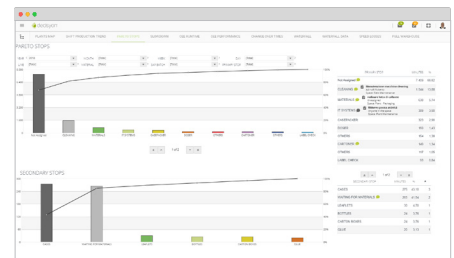
KEY CAPABILITIES

- Real-time tracking of PO assignment

- Reduced time for shift handover meeting

- Reliable info on change over, cleaning, setup, production and closure phase

- Automatic detection of line downtime and speed losses

- Unique portal for operator activities

- Unique portal for supervisor support

- Immediate communication with maintenance and quality assurance in case of line stops

- Short training period due to the visual UI

- Easy detection of issues' root causes

Real-Time PO Tracking

Supervisor Support Portal and Scheduling

Pre-configured and Customized Analytics on Production

Pharma Use Case at a Glance

A large, multinational pharma plant needed to improve its manufacturing operations and efficiency. The company required a digitized environment for collecting data from the field, collaboration, information sharing, and decision making across plant operations, and manufacturing sites worldwide.

Decisyon Digital Factory provided a Visual MES solution that spanned multiple production sites, and integrated plant operations across disparate departments and processes.

The Decisyon Digital Factory solution improved operational communications, provided a 360-degree view of the entire operation (better decisions, improved processes, risk mitigation), and helped reduce costs through automated data collection and proactive intervention when issues would arise.

Apply for an MVP quote to set up Visual MES in your factory here: **https://www.decisyon.com/mvpquotationform/**

Decisyon Digital Factory

Decisyon Digital Factory was designed from the ground up for Industrial Internet of Things (IIoT) platforms to rapidly digitalize and optimize plant operations and manage its smart digital twin. This smart digital manufacturing solution eliminates the need for factory operators to be dependent on complex, monolithic and expensive to modify software. It delivers all the tools needed to visually connect to all your internal and/or external data sources, visualize, analyze, collaborate in context, decide and put them into action. Decisyon Digital Factory supports continuous improvement throughout manufacturing operations by identifying where to optimize performance and improve production. It improves the speed at which managers can identify and resolve issues on the shop floor and confirm inventory. It also helps to strengthen production, operational and supply chain communications.

IMPLEMENTED USE CASES

- Pharma
- Consumer Goods
- Packaging
- Automotive
- Bottling

As a cloud-based software solution, Decisyon Digital Factory goes to work immediately. It can be applied to a factory's current workflow, or be easily adapted to a company's specific production needs. The available modules are: Visual MES, Digital Cockpit and Asset Optimization.

Business Impacts

Customers implementing Decisyon Digital Factory have achieved the following benefits:

UP TO
10%
Increase in productivity of the production lines

UP TO
25%
Reduction of activities for Shift Handovers

UP TO
10%
Reduction of delays in Maintenance Intervention

UP TO
25%
Reduction of activities to collect data for Process Excellence meetings

UP TO
100%
Full digitalization of the process to define and manage actions on data collected

About Decisyon

Decisyon enables business users to rapidly build solutions using a code-free visual software development environment. Our products accelerate your data journey from aggregation to visualization, insight, analysis and decision thru action. Decisyon offers the leading code-free visual software development environment for mission critical enterprise operations requiring real-time awareness and adaptability to their business operations and processes. We have developed and deployed many vertical solutions for the manufacturing, renewable energy, aviation, pharmaceutical, financial services, transportation and automotive industries. With built-in microservices such as data management, BI, mashboarding, rules engine, collaboration and execution, Decisyon offers a dramatic increase in speed to outcome for building and modifying vertical solutions. Decisyon's products and software solutions, ideally suited for IIoT applications running on any PaaS, are used in over 200 companies globally. Decisyon is headquartered in San Francisco, California.

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