

Decisyon Digital Factory

Digital WCM Solution Brief

Decisyon Digital Factory's Digital World Class Manufacturing (WCM) solution allows the bi-directional exchange between line KPIs, operational exchange of information about your line productivity and effectiveness, plan and schedule attainment status and more. Using Decisyon's WCM solution, you gain a holistic view of performance and full digitalization of the WCM process within single plants, and/or across your entire manufacturing operation.

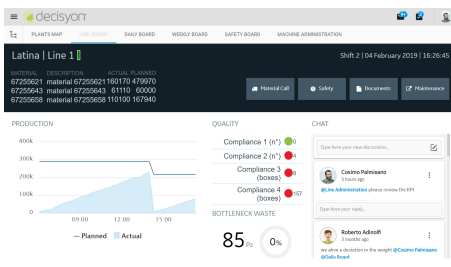
Decisyon Digital WCM is the digital representation of the plant processes and standards. It combines the functionality of a cloud-based MES (Manufacturing Execution System) solution with an interactive, touch screen dashboard available in the production lines. Decisyon's Digital WCM solution provides a single point of access to control the entire plant's ecosystem.

From the Digital WCM application, you can monitor near real-time production data, volumes, OEE and OLE, quality, waste, unclassified downtimes, product weights, and many more KPIs and you can readily customize OEE and OLE formulas without coding.

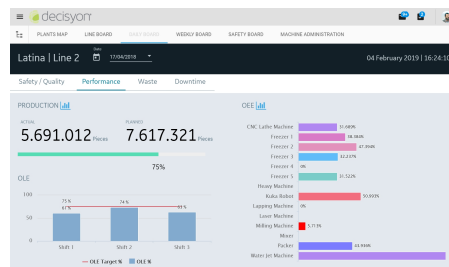
KEY CAPABILITIES

- Digital WCM provides instant access to the safety data collection forms and operational dashboards
- Drill-down into the production data from a geographical level, to a single machine performance
- View the Downtime history, review past actions and set future tasks
- Capture the past 24-hours KPIs and support daily meetings
- Capture the past 7-days KPIs and support weekly meetings
- Capture real-time production KPIs for a current shift in line boards that and drive the new shift handover meeting
- Discuss in real time with the decision makers using the shift's contextual chat
- Control OEE and OLE in near real time at different levels of granularity
- Add new safety events

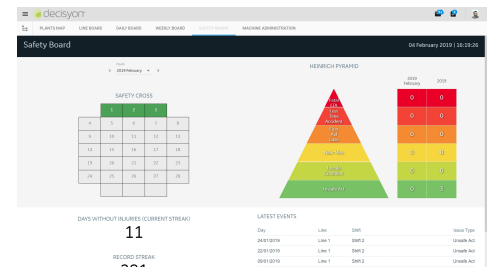
Real-Time Line Board



Waste Daily Performance Board



Safety Weekly Meeting Board



Food and Beverage Use Case at a Glance

One of our large manufacturing customers wanted to digitize its WCM operations to enhance manufacturing performance in each plant and geographic region. This meant collecting data from the field (Scada, PLC, etc.) and correlating this data with production information available in disparate legacy systems.

The first MVP, available on 3 lines, was deployed in only 4 weeks, almost 50% faster than other competitors.

In 4 weeks this solution empowered: more effective and productive meetings, using real-time data; capturing down times and losses; ad hoc reports to check back field sensors' reliability; embedded in-context collaboration to accelerate decision making; self-service analytics for ad hoc reports without coding; creating actionable

plant recommendations for continuous improvement; and a data repository of decisions' best practices for quality and safety. These enhanced capabilities have generated an estimated 3 Million Euros per plant annually leveraging the following operational drivers:

- + 1% Increase OLE per line, driving \$100k saving per line per month
- 5% Raw material waste
- 10% Raw material give away
- 5% Maintenance effort
- 50% MVP elapsed time against competitors
- 10% Only custom coding for data model and front-end creation

Apply for an MVP quote to set up Digital WCM 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. Our Digital Factory solution 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.

USE CASES

- **Pharma**
- **Consumer Goods**
- **Automotive**
- **Bottling**

IaaS AVAILABILITY

- **GE Predix**
- **Microsoft Azure**
- **Amazon Web Services**

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, Digital WCM 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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