

# Decisyon Digital Factory

The only software solution you need – from aggregation to action – to optimize everything about your factory.



# Smart Factories Start With Smart Solutions

Using new architecture solutions to overcome any possible constraint due to monolithic already-in-place technologies

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. 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.

## Decisyon Digital Factory Puts IIoT into Action

Decisyon Digital Factory integrates plant operations across disparate systems, processes and geographies. It digitally reproduces the production value chain from planning to shipping while controlling line operations, quality, packaging and other steps in the entire manufacturing process. Using Decisyon Digital Factory, you can rapidly connect and digitalize your factories, plant and manufacturing processes with all the necessary features to visually adapt the solution to business changes and market demands.

## BENEFITS AT A GLANCE

Decisyon Digital Factory provides a comprehensive view of your entire operation, yielding better decisions and improved processes:

### Enhanced Productivity

Through real-time information exchange, error-prone, manual data/information collection and aggregation are reduced

### Reduced Cost

Automated data collection and more timely intervention when issues arise reduce costly production delays

### Improved Operational Communication

In-context collaboration reduces the need for phone calls, emails, and meetings between operators, managers, and departments

### Promote Technology Innovation

Optimize and rationalize the Operational Excellence processes and highlight use of advanced technology to customers and auditors

# 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%**

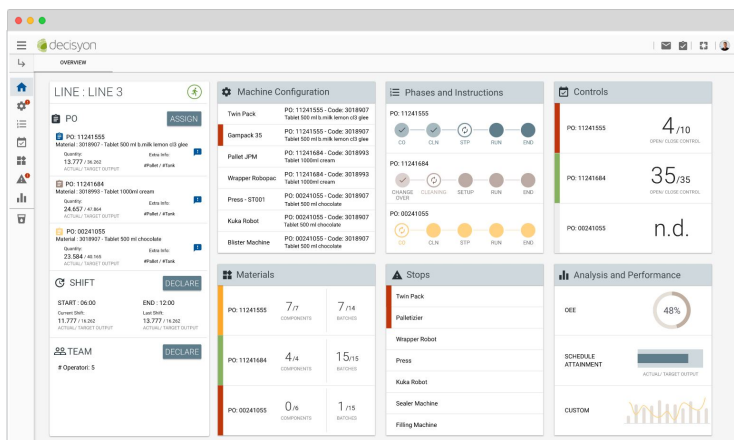
Full digitalization of the process to define and manage actions on data collected

# Actionable Intelligence Makes Your Factory Smart

Decisyon Digital Factory provides pre-built solutions that work with existing systems. It is configured “out of the box” with key analytics, KPIs, workflows, reports and collaboration tools that work the way manufacturing does. Decisyon’s Digital Factory gives you access to a suite of pre-built modules that rapidly connect and digitalize plants, factories and manufacturing processes. Use Decisyon Digital Factory as provided, or adapt it to your own KPIs and processes. All of the features necessary to visually adapt the solution to business changes and market demands are included. You don’t need a development staff to custom code solutions. You aren’t dependent on software company release cycles. With Decisyon Digital Factory, the means to achieve Industry 4.0 and World Class Manufacturing (WCM) objectives is now in your hands.

## Take Your Digital Factory from Concept to Creation with Decisyon Smart Gateway

Decisyon Smart Gateway (DSG) takes your digital factory from concept all the way to development of a full digital replica of your operation. DSG sits between devices, operators and the cloud. Its job is to securely collect, analyze and immediately act on the raw data from its connected sensors and devices. DSG delivers the capabilities to readily connect all sorts of machines (old and new, different brands and protocols via PLCs), collect the streaming data to be consumed and utilized, and act as a filtering mechanism, then perform a quick diagnostic or predictive analysis. DSG is smart enough to apply rules, take required action quickly if needed, and send the required data to the application in the cloud.



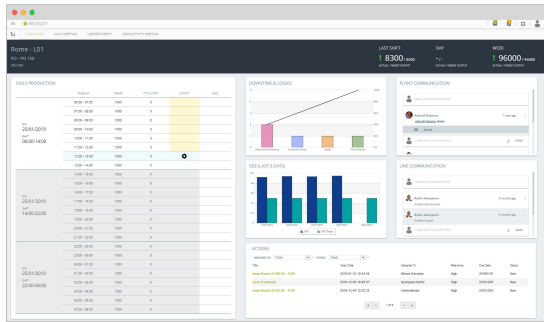
## Manufacturing Execution System (MES) Solution

Decisyon's MES solution supports and drives production processes, providing access to all relevant information and the functionality to analyze and collaborate in context of specific data, then take action in real time. With Decisyon's MES, you'll dramatically reduce down time, proactively prevent maintenance issues and eliminate costly production delays.

The MES solution allows you to integrate data from existing systems (e.g. ERP), from sensors and from the users into a unique interface. It also provides the capability to collect, aggregate and share information in real time from the shop floor while there is still time to act. You 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 process order management
- Electronic batch record management
- Automatic detection of line downtimes and speed losses, and collection of root causes issues
- Collaborative Data Analysis and Task Board for efficiency improvement
- Unique portal for operators, supervisors and managers
- Immediate communication with other departments (maintenance, quality,...) for fast issues resolution
- Fast onboarding of users due to intuitive visual UI

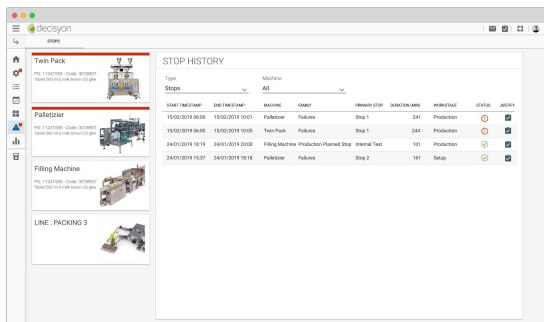


## Control Tower

Decisyon Digital Factory's Control Tower solution allows you to create operational commitment and transparent exchange of information about your line productivity and effectiveness, plan and schedule attainment and more. It provides you with an unprecedented, holistic performance perspective and full digitalization of the World Class Manufacturing process with the ability to evaluate its health in daily activities.

### KEY CAPABILITIES

- View and insert data and KPIs in interactive boards, highlighting planned and actual results
- Drill down into line and production data to pinpoint root causes of issues
- Capture actions within a knowledge base for future problem resolution
- Encapsulate and aggregate information during formal review meetings
- Enable performance dialogue through targeted visual dashboards and analytics
- Facilitate reporting, decision making and management at all levels of the operation



## Asset Performance Management (APM)

Decisyon Digital Factory's Asset Performance Management solution improves asset utilization, recommends options for improvement and implements relevant actions. Designed to integrate real-time data from multiple systems and sources, the Asset Performance Management solution provides a single point of access to critical data being generated by key assets such as manufacturing equipment, electricity and wind turbines, oil and gas exploration equipment, healthcare devices and others.

## About Decisyon

Decisyon is a SaaS company focused on accelerating the digital transformation of businesses in the global manufacturing sector. Decisyon develops innovative software solutions to accommodate the speed of technological change in the industrial marketplace, including a visual LCN platform for business users to quickly build and modify applications and fast-forward speed-to-outcome. Today, tens of thousands of users in industrial conglomerates rely on Decisyon's production-tested technologies to connect all of a factory's moving parts, gathering and analyzing sensor and business data, gaining a holistic view of the factory through creation of a digital twin, obtaining real-time insights, and predicting and prescribing actions to prevent down time, resulting in smarter decisions and a more efficient and intelligent digital enterprise. Decisyon has strong partnerships with tech mega vendors in the Industrial IoT space such as Microsoft, Schneider Electric, GE, SAS, and AWS. The company's vertical solutions are delivering outstanding results across the globe in a diversity of manufacturing environments including CPG, Pharma, Industrial, Aviation, Electronics and Renewables.

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[Speak with an IIoT expert about optimizing operations for your manufacturing enterprise](#)