

## Digital Lean Manufacturing Optimizer Solution Brief

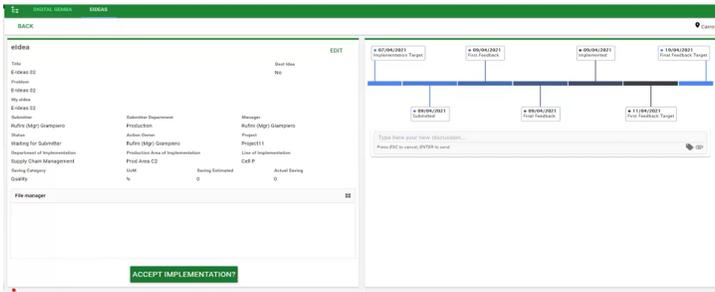
Decisyon's Digital Lean Manufacturing Optimizer (DLMO) application significantly improves management of production barriers, ideas and shop floor meeting cycles, accelerating the overall process from issue to execution. DLMO simplifies and automates KPI-driven action creation and follow up and subsequent activities issued from all production stakeholders. DLMO saves time previously wasted on manual procedures by digitalizing the entire process – from consolidation and communication of operational data and review of actions to ideas generated through the complete production loop. As a result, productivity tasks are greatly simplified, knowledge is centrally captured and shared, and the factory's OEE is improved.

The DLMO cloud application can be used locally in individual plants during shop floor meeting cycles, and across multiple manufacturing sites. Each site can adjust application settings to adapt to various KPIs, customize working days, times and shifts and make adjustments to other variables and attributes required to properly run the application. The application design allows local best practices to be leveraged globally while the configuration area ensures that all plants are organized and measured using the same lean manufacturing standards and consolidated performance data.

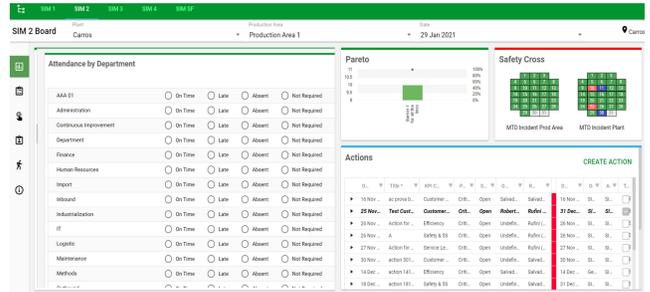
Digitalization of the overall workflow and process means all issues can be resolved in real time with reliable data, and that quick decisions can be made and proper actions taken or escalated for higher-level input. New barriers can be digitalized immediately within the application, which has the capability to collect and display all relevant details so the associated action can be monitored through the entire process until final implementation.

### KEY CAPABILITIES

- Visual tool to map each productive area, defining targets for each department level
- Barriers, actions and ideas can be easily created and supported with dedicated posts and replies, by means of internal collaborative tools
- Management of KPI-driven barriers from action generation to execution
- Shop Floor Meeting Boards display the consolidated performance data per plant/region in a specific time range
- Highly scalable, multisite context encompassing thousands of users
- Integration with legacy data sources using Decisyon App Composer's™ integration layer to orchestrate KPIs from different data sources
- Leveraging and deploying local best practices at a global level
- Gemba Walk captures issues on the shop floor and generates quick actions.



Idea Exchange and Execution



Shop Floor Meeting KPI and Action Review

## Electronic Parts Supplier Use Case at a Glance

A global multi-billion-dollar manufacturer in the electronic production sector selected Decisyon to provide a solution to reduce time spent filling and updating Short Interval Meetings (SIM) boards. The company desired the new solution to accelerate decision making in lean manufacturing meetings and action items execution and required significant improvement in OEE.

Decisyon created a fully mobile, actionable, end-to-end Digital Lean Manufacturing Optimizer solution to address the customer's requirements for digitalizing workflow, escalation, and communication. **The DLMO solution leverages Decisyon App Composer to control the entire ideation process so users can create new ideas and monitor the workflow of each idea until implementation.**

The solution allows employees to quickly analyze ideas and actions, accelerating decision making and problem resolutions in almost 200 plants globally. It also provides automatic KPIs for process efficiency, bringing a global standardization and robustness to all the short interval cycles for each of the company's plants around the world, while preserving local flexibility.

By implementing DLMO, our customer can achieve an 8% increase in OEE in less than 3 months, as well as the capability to:

- Reduce the time to manually fill and update SIM Boards
- Simplify workflow, escalation and communication for actions and ideas
- Create faster decision making and elimination of barriers
- Automate KPIs for process efficiency
- Preserve local flexibility while maintaining global standards

**Speak with an IIoT expert to set up Decisyon's Lean Manufacturing solution in your factory**

# Decisyon Digital Factory

Decisyon's Digital Factory software solution suite is designed so businesses - particularly manufacturers - can achieve a complete end-to-end digital transformation of their enterprise. Decisyon's software solutions help connect all the moving parts of an enterprise, gathering the data, analyzing it, gaining a holistic view of the operations through a digital twin, obtaining real-time insights from across the operational footprint, and enabling better decisions and a more efficient intelligent digital enterprise resulting in a dramatically better bottom line. Decisyon Digital Factory supports continuous improvement throughout manufacturing operations by identifying where to optimize performance and improve production. It improves the speed at which operators and 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

- Electronics
- 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. Available modules include: MES, Control Tower, APM, Smart Gateway, Prescriptive Maintenance and Inspection Workflow.

## Business Impacts

Customers implementing Decisyon Digital Factory have achieved the following benefits:

<p>UP TO</p> <h1>10%</h1> <p><b>Increase in productivity of the production lines</b></p>	<p>UP TO</p> <h1>25%</h1> <p><b>Reduction of activities for Shift Handovers</b></p>	<p>UP TO</p> <h1>10%</h1> <p><b>Reduction of delays in Maintenance Intervention</b></p>	<p>UP TO</p> <h1>25%</h1> <p><b>Reduction of activities to collect data for Process Excellence meetings</b></p>
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UP TO

# +8%

**Increase in OEE in 3 months, digitalizing the overall idea workflow and action execution**

## 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 LCNC 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.

## Corporate HQ

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