MACHINE VISION

Manufacturing Execution System (MES)



Transforming Manufacturing with Real-Time Production Intelligence

MACHINE VISION

Manufacturing Execution System

In the era of Industry 4.0, manufacturing is increasingly required to operate faster, smarter, and more efficiently. Digital transformation is becoming a necessity to remain competitive in a rapidly evolving industrial landscape.

One of the key technologies enabling this transformation is MES.

Our MES is a system that helps manufacturers monitor, control, and optimize production processes in real-time. It connects the production floor, machines, operators, and processes with enterprise-level management systems, providing accurate and real-time visibility across the entire manufacturing operation.

Because every manufacturing is different, our MES is built to be flexible and configurable, tailored to each plant's unique workflows, production requirements, and operational goals

Trusted by Leading Companies

DANONE ONE PLANET. ONE HEALTH ALVA Aj AJINOMOTO Panasonic



Manufacturing Execution System (MES)

Improve OEE Score

Reduced downtime

Increase Production throughput

increase Quality Pass Rate



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Without MES

Challenges in Manufacturing



Limited Production Visibility



Delayed Decision Making



Inefficient Production Processes



Difficult in Tracking Production Data

With MES

The Solution for Smart Manufacturing

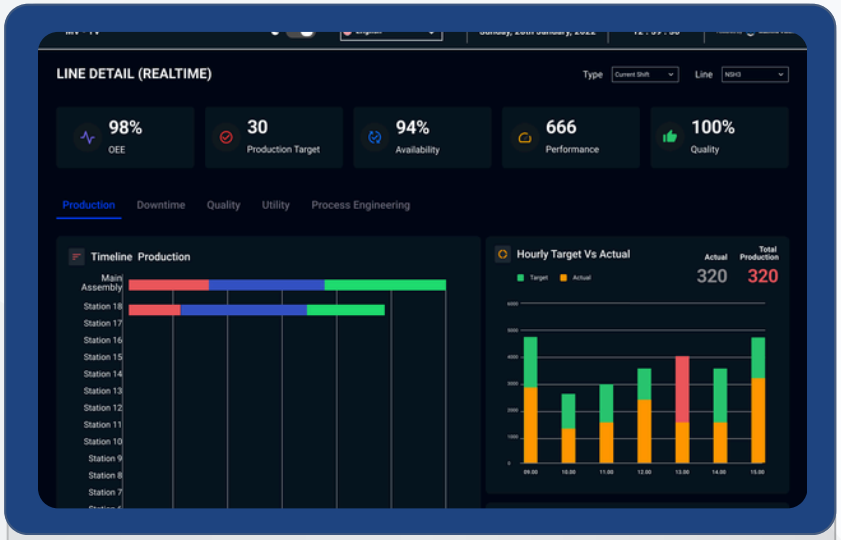
Real-Time Production Monitoring

Improved Production Efficiency

Data-Driven Decision Making

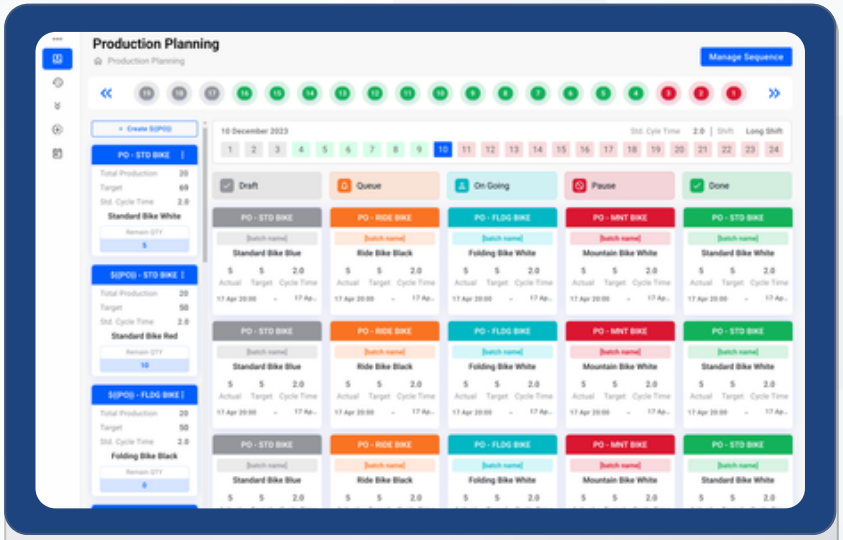
Increased Production Efficiency

KEY CAPABILITIES OF MV MES



Production Monitoring

Track production performance and machine status in real-time.



Scheduling & Dispatching

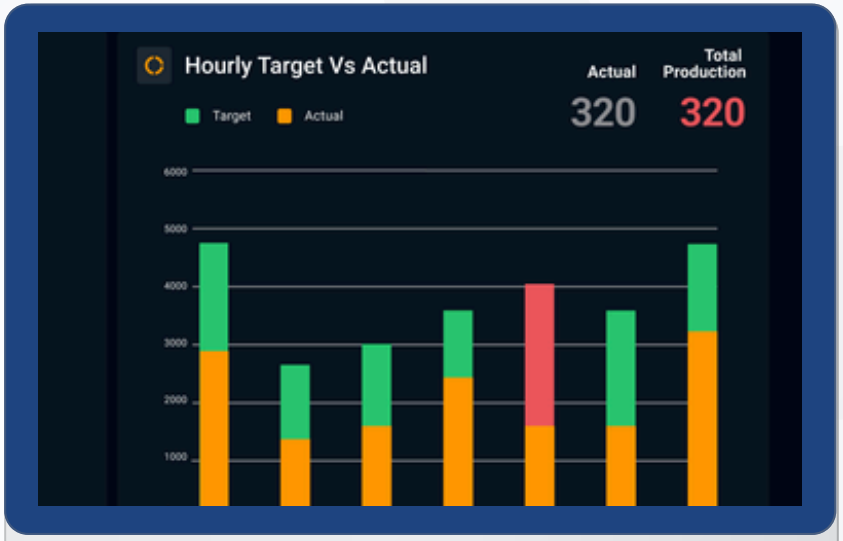
Manage work orders and optimize production schedules.

KEY CAPABILITIES OF MV MES



Quality Management

Monitor quality checkpoints, inspections, and product traceability.



Performance Analysis

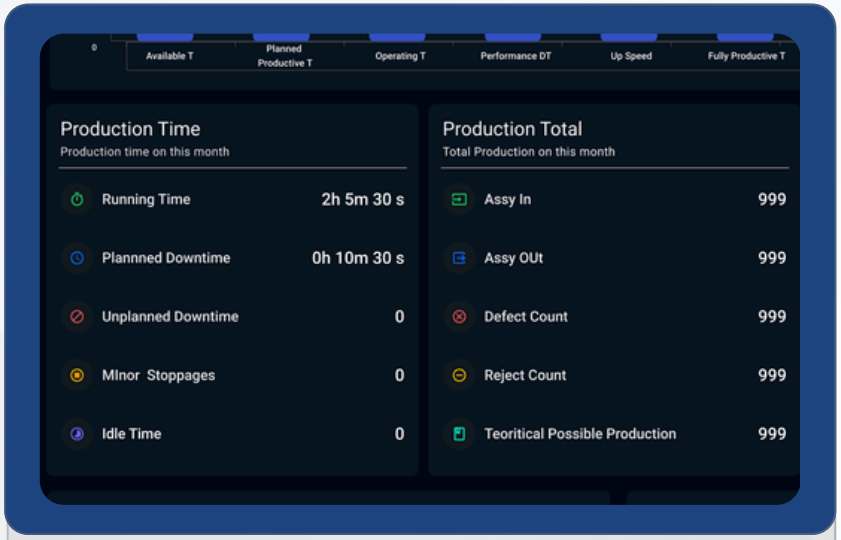
Analyze production data to identify inefficiencies and improve performance.

ERP & Automation Integration

Seamlessly integrated with enterprise systems and shop floor automation.

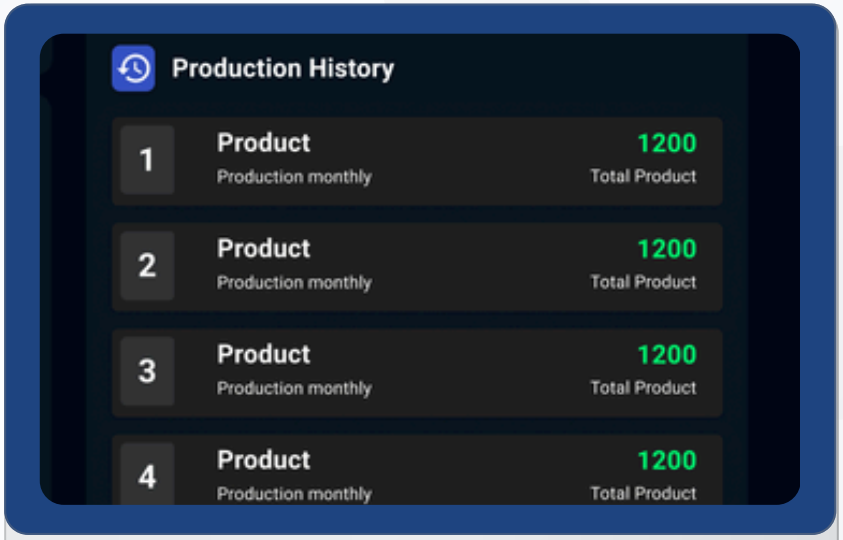
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KEY CAPABILITIES OF MV MES



Downtime Tracking

Capture and analyze machine downtime to improve equipment reliability.



Traceability & Genealogy

Track product history from raw materials to finished goods.

Flexible & Scalable Platform

Configure workflows, dashboards, and reports to match specific needs.

Trusted by Industrial Leader



































and many more...

8+
years experiences

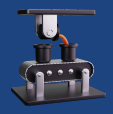
200+
solutions delivered

30+
industrial clients

MACHINE VISION

We are a **Smart Manufacturing Transformation** company established in 2017 with a mission to accelerate digital transformation in the manufacturing sector. Our flagship product, the **MV Digitalization Platform**, is designed to seamlessly connect people, machines, systems, and devices — empowering factories with real-time visibility, actionable insights, and enhanced control across the production value chain.

We specialize in integrating three essential domains:



Lean Manufacturing
Reduce waste, improve efficiency



Information Technology
Scalable digital systems



Operational Technology
PLC, SCADA, sensors & protocols

Contact Us

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