Opti-View

Make a wise move

- Let an Opti-View system from System TM increase your Production capacity and reduce your labor costs.

Opti-View data collection system is designed to assist and support our customers in their production optimization, to achieve the best possible overall equipment effectiveness (OEE).

The data collected provides the customer with complete information of real time status of the ongoing production and can also be used for later analysis. Through constant focus on the uptime and performance of the production, the Opti-View system provides you with key performance indicators (KPIs), on which you can base continuous improvements of your production.

Opti-View advantages

- Increased production
- Reduced labour costs
- Optimal utilization of your main machines' capacity
- A simple production overview shown on electronic scoreboards

For more information please do not hesitate to contact our service department

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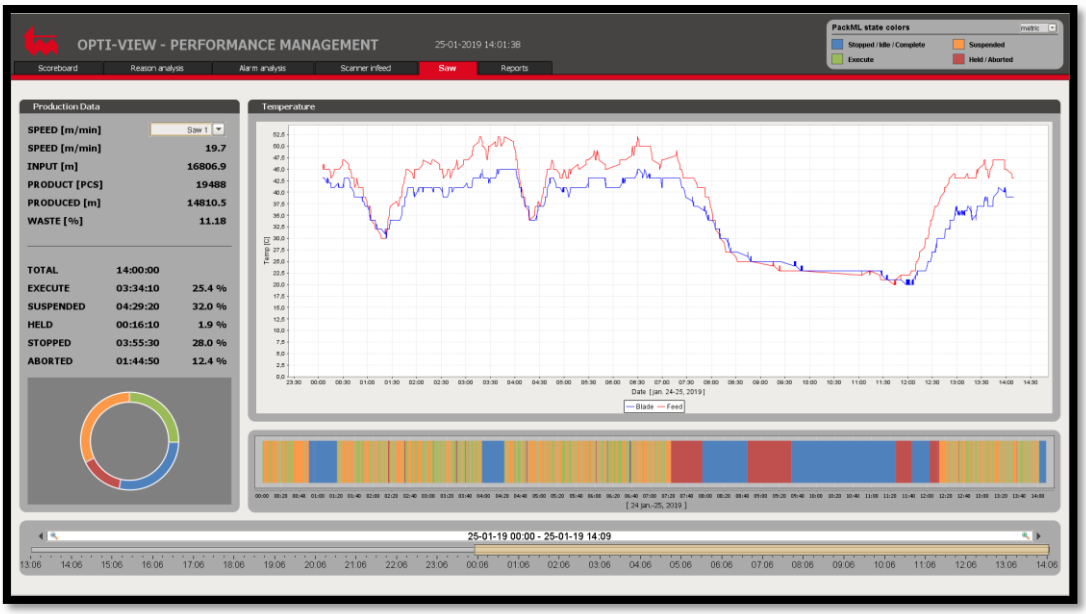
Continuous improvement driven by continuous information.
The principles of Lean manufacturing are now widely acknowledged as the most effective method for continuous improvement of factory productivity, flow, quality, uptime and waste reduction. Key Performance Indicators (KPIs) are metrics that illustrate the utilization of facilities, time, material and personnel for manufacturing and process operations. Linked to target values that indicate gaps between actual and ideal performance, KPIs communicate success or failure of processes or operations, as well as measure the positive or negative effect of changes.



To make this data actionable, KPIs are communicated in an understandable and meaningful way to those responsible for it – production floor personnel and their supervisors. In the past, this was done with a chalkboard. Today, large electronic scoreboards can automate communication to the entire plant floor in real time. Studies have shown how measuring and displaying KPI produce immediate gains in operator performance, if for no other reasons than monitoring awareness, pride or employee competitiveness.

The KPIs most important to a specific company will vary among potentially hundreds of values. Examples of commonly used KPIs in manufacturing are:

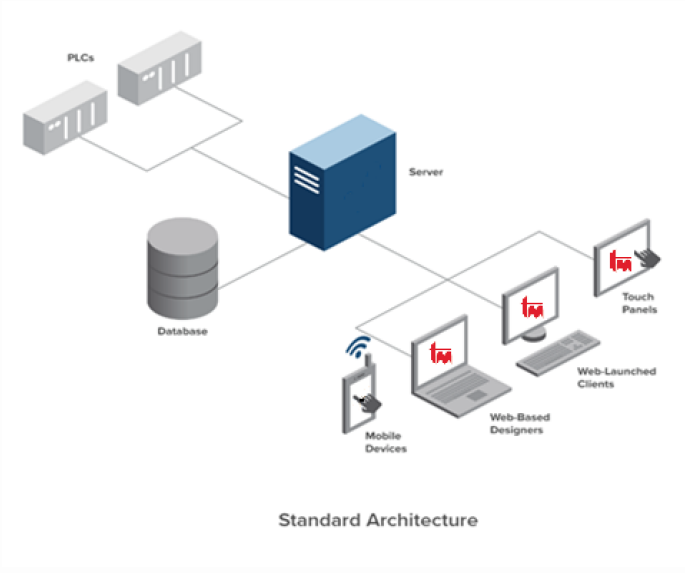
- Count: Total Product, good/bad/reject ratio, waste
- Rate: Count per minute/hour, per cell/line/shift
- Target: Goals displayed against actual, time to goal
- Takt Time: Time per cycle/task

Beyond individual KPIs are composite metrics that express more complex calculations of overall performance into a simplified metric, such as:

- OEE: (Overall Equipment Effectiveness) performance and quality relative to designed capacity during scheduled operational hours

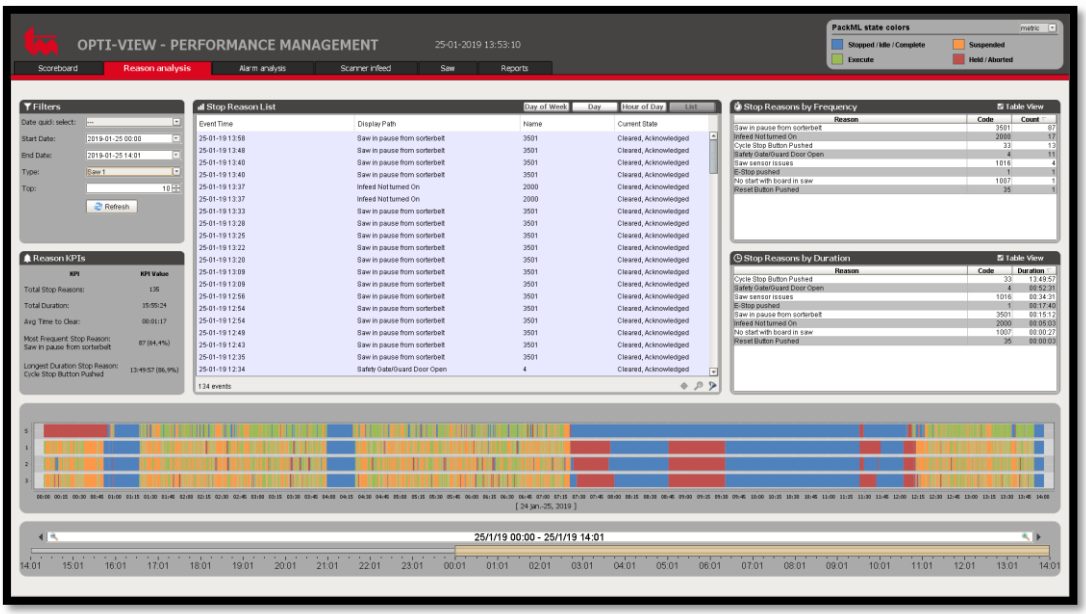
In the most efficient manufacturing or process environment, every operator on the plant floor has visual acuity to current production rates and targets in real time. In many cases, a single percent improvement in productivity can cost-justify a production scoreboard in a single day.

Opti-View Controller.
Opti-View is a very flexible system that allows the creation of full-featured, real-time productivity scoreboard that meets just your needs and it can work with any brand or size of modern TV, monitor or projector with HDMI interface and information can easily transmitted to multiple scoreboards and monitors.
Opti-View is flexible enough to meet the demands of any enterprise infrastructure large, small, or somewhere in-between. You can deploy Opti-View at one site, multiple sites, or host it in the Cloud. The architecture shown below can be modified or scaled out to accommodate a number of different requirements.



The system is designed as standard to communicate and interface with the machines control system via OPC UA. Others interface can of course be applied if needed for older equipment.

Remotely view the display or data from a PC or any web-enabled device, including smart phones. Receive events and alarms via e-mail. This are just some of the possibilities in the system.



The integrated reporting system makes creating professional reports easy with images, graphs, tables, and a variety of other features. The Report Scheduler allows automatic report generation at any time you'd like, and automated distribution means it gets where you need it, when you need it. Access to live reports is available through the web-based runtime system, a Java application, providing authenticated users access from anywhere. Reports are printer friendly and can easily be exported to a variety of formats including PDF.

Here are some common uses of dynamic reports:

- Production Management
- Efficiency Monitoring
- Downtime Tracking
- Statistical Process Control
- Quality Assurance
- Overall Equipment Effectiveness (OEE) Management
- Historical Data Analysis