Sepasoft OEE Accelerator
Delivering the foundations of your Ignition MES and OEE solution

Delivering OEE and Downtime Analysis solutions that are easy to spin-up, customizable for your process, and scale across the enterprise; enabling your continuous improvement journey.

Who?	Why?	How?
• Ignition users • Process and discrete manufacturers	• Performance insights • Downtime analysis • Continuous improvement enablement	• Fast time-to-value • Expanding the Ignition platform • Intuitive and easy-to-use

Why OEE?

Operational Equipment Effectiveness, or OEE, is one of the most popular metrics for measuring asset performance and manufacturing efficiencies. OEE measures Availability, Performance, and Quality to evaluate whether an asset is running on schedule, at the desired throughput, and without producing defective products. OEE solutions provide insights into how production systems are performing and where to focus attention in order to optimize factory output and drive operational excellence.

Grantek's Sepasoft OEE Accelerator

Grantek has assembled the core functionality of Sepasoft's OEE and Downtime module to expedite delivery of Performance Monitoring solutions on the Ignition platform. The Sepasoft OEE Accelerator delivers a strong foundation for Ignition MES deployments with fast time-to-value so that you get immediate results and returns, but it is also designed for flexibility and scalability to adapt to your unique process, business case, and factory environment.

Powered by **Ignition** by inductive automation

GRANTEK
Advancing Manufacturers Worldwide

CONSULT • DESIGN • DELIVER
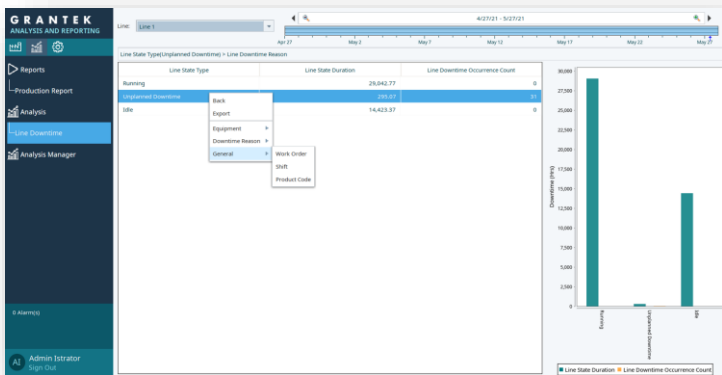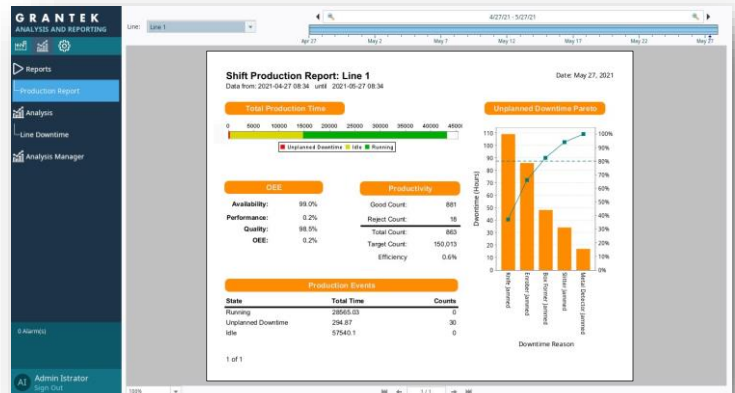info@grantek.com | 866.936.9509

Line Efficiency Dashboard

- View line status in real-time
- Line OEE and KPI indicators
- Monitor net runtime and down time
- Actual vs. target production
- Equipment status
- Line status history

Production Reports

- Downtime pareto analysis
- Line status over time
- OEE KPIs
- Productivity and efficiency analysis
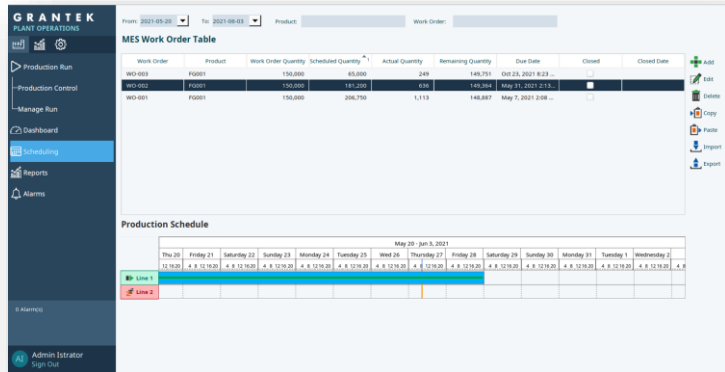- Production events

Ad-hoc Analysis

- Analyze downtime events
- Drilldown per downtime reason, equipment, production order, and product
- Export data to CSV for further analysis

Powered by **Ignition** by inductive automation

GRANTEK
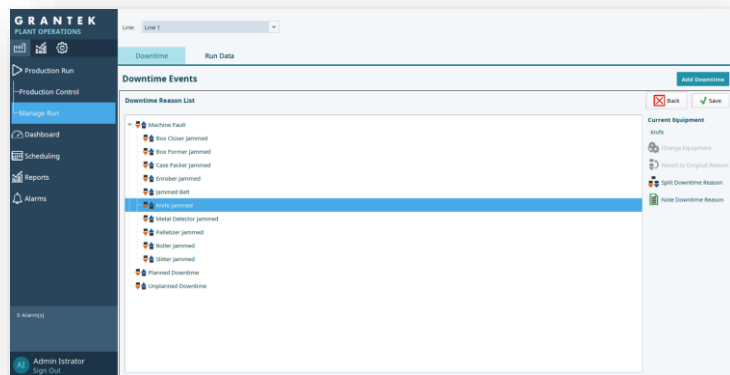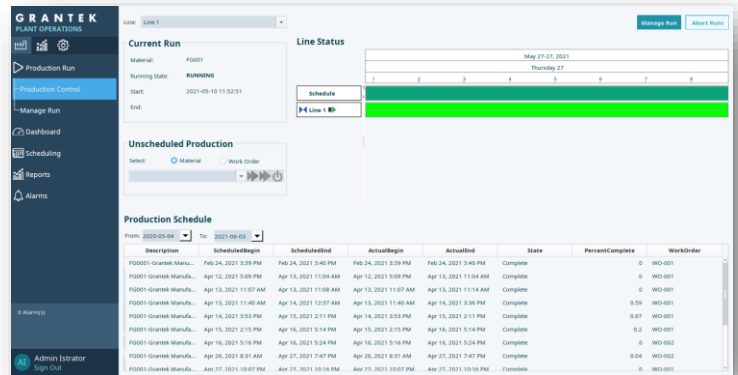Advancing Manufacturers Worldwide

Production Scheduler

- Manage detailed scheduling
- Assign Production Orders to manufacturing assets
- Import Production Orders
- Manually create Production Orders
- Assess expected runtimes

Production Control

- View the current state of production lines
- View the production schedule
- Start and stop production runs

Downtime Management

- View all downtime events
- Edit downtime reasons, with traceability
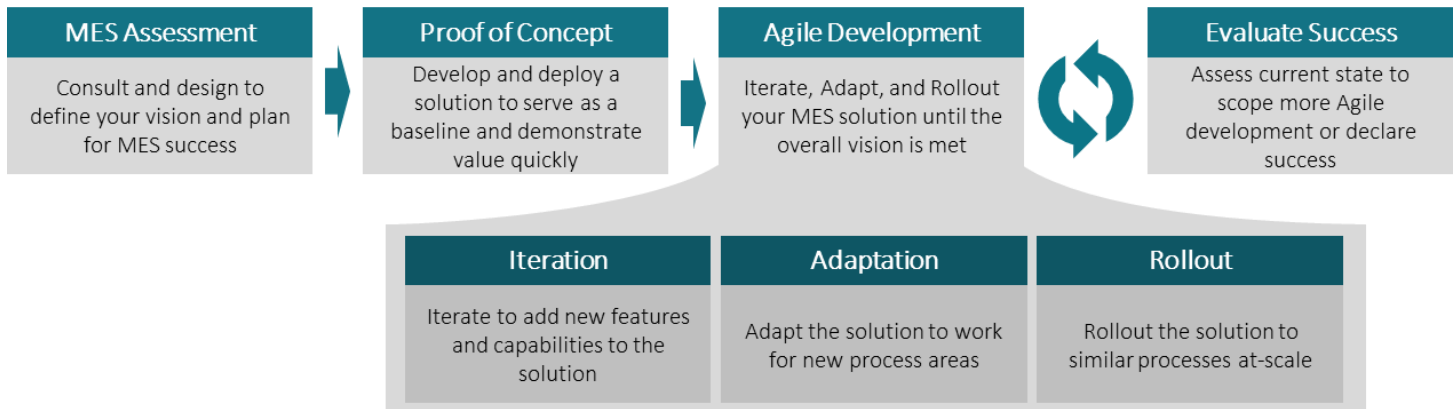- Split downtime events
- Add comments to downtime events

Powered by Ignition
by inductive automation

Agile MES and the OEE Accelerator

MES Assessment	Proof of Concept	Agile Development	Evaluate Success
Consult and design to define your vision and plan for MES success	Develop and deploy a solution to serve as a baseline and demonstrate value quickly	Iterate, Adapt, and Rollout your MES solution until the overall vision is met	Assess current state to scope more Agile development or declare success

Iteration	Adaptation	Rollout
Iterate to add new features and capabilities to the solution	Adapt the solution to work for new process areas	Rollout the solution to similar processes at-scale

The Sepasoft OEE Accelerator fits into Grantek's overall Agile MES strategy for delivering successful Smart Manufacturing solutions. Agile MES encourages a collaborative, iterative approach to provide value to end users quickly while embracing continuous improvement opportunities. The OEE Accelerator provides a strong foundation for Performance Monitoring solutions that can be improved, adapted, and rolled out at-scale to enable lean operations and provide universal insights.

Grantek Systems Integration Overview

Grantek Systems Integration is a leading provider of integrated manufacturing automation services. Our innovative solutions are designed to increase our customers' return on investment and reduce time to market through improved manufacturing productivity, product quality, asset utilization and integrated technology.

Our customers are among the most respected manufacturers of global brands, as well as niche manufacturers seeking improved performance and competitive advantage. Since 1980, we have been enabling greater profits to customers by creating better processes every day.

Through our total system solution approach and the dedication of our professional staff, the Grantek team guarantees a manufacturing facility, line or process that has been skillfully designed, professionally engineered and executed for a vertical start-up.

Grantek Systems Integration has offices located in British Columbia, Ontario, Quebec, Illinois, Pennsylvania, Ohio, California, Florida, and Bangalore.

Contact us at info@grantek.com or by calling 866.936.9509 for more information.

Powered by **Ignition** by inductive automation

CONSULT • DESIGN • DELIVER
info@grantek.com | 866.936.9509