



SCALABLE OEE

Maximize your most valuable manufacturing assets with new approach to OEE.

OEE solutions give you the data that can reveal new ways to increase production, reduce costs, and increase quality. By generating accurate performance reporting of real-time plant floor activity, these solutions offer you important insights into using existing equipment and labor more effectively.

OEE reporting tools tell you how your assets are performing over time; they cannot tell you why the asset is or is not performing at the desired level. This solution answers the "why" question, uncovering the root causes of downtime and loss to help you make real improvements to performance.

OEE is more than math - it's a tool.

From reducing downtime to improving quality and operations, IIoT connected workers expand the limits of machine, factory, and enterprise-wide efficiency. A more efficient and aware workforce drives overall asset efficiency and helps create a holistically productive plant floor.

To fully optimize your asset productivity, connect your workforce to real-time data and insights. A scalable OEE platform displays information and provides contextualized views for plant floor operators to proactively react and respond to operational issues that impact efficiency. Real-world results show that the actionable information improves workforce productivity by equipping operators with the best information to:

- Reduce downtime, cycle time variation, unit costs, and overtime
- Increase production without buying new equipment
- Improve quality
- Measure performance on capital equipment investments and process improvements



Efficient monitoring, event collection, and analysis

- Easy, flexible, scalable configuration
- Reliable, accurate 24/7 automated data collection
- Uptime/downtime monitoring
- Reporting of OEE and 14 other standard performance indicators
- Standardized reporting with powerful drill down capabilities
- Highly configurable data collection formulas and calculations



For more information, please visit smcelectric.com



Where to start: Scalable OEE Solutions

A scalable strategy to begin implementing a digital transformation journey



VISUALIZE

Real-time asset monitoring on a small group of manufacturing assets



BENCHMARK

Add more assets or get line or multi-line views, link additional plant systems for correlating nonproduction information to production performance and a richer set of reporting capabilities



OPTIMIZE

Gather historical asset information, link it with other process data and drive root cause analysis and continuous improvement in your facility

See assets in real time

Begin to have enough meaningful information collected within the first 30 days to begin planning the next phase of their journey

Overall Asset Performance

Measure downtime, capacity, and rejects

See the top faults

Move from a reactive to downtime issues and fix reoccurring failures

Stabilize the assets

Gather meaningful production data that can be used to build ROI analysis on investments

Measure performance

Produce insights and corrective actions to drive and document real performance improvement

Spot real-time bottlenecks in a line or production area

Richer insights correlate production performance to goal

Connections to non-production data sources like MRP, HR, Quality, etc.

Define, measure, and implement continuous improvement objectives

Sharpen your insights

Enable a baseline environment for applying advanced analytics to achieve real-time continuous improvement

Elastic storyboards that support ad-hoc analysis of data for insights

Flexibility to add, remove, or change data sources to produce insights

Find commonality throughout data to auto-generate insights



For more information, please visit
smcelectric.com

