



Utilize your assets to the maximum

MRM/Online OEE is an automated system for the collection, measurement and reporting of operational performance based on the OEE metric.

OEE (*Overall Equipment Effectiveness*) is a method to measure how effectively a manufacturing company utilizes its production capacity. MRM/Online OEE collects **in real-time** production data from all types of machinery within the factory, showing you:

- **How available your equipment is**, by tracking all unplanned downtimes caused by breakdowns, equipment failures, material shortages, setups and adjustments.
- **How your equipment performs**, by tracking all speed losses caused by minor stoppages, misfeeds, jams and poorly operating machines.
- **What is produced in terms of quality**, by tracking all defective parts caused by improperly maintained equipment, operator errors and incorrect settings.



By identifying the root causes that limit greater effectiveness, MRM/Online OEE can help you:

- Reduce downtime costs
- Reduce repair costs through predictive maintenance
- Manage exceptions and respond quickly to unplanned events
- Gain a clear picture on operational performance per machine / line / shift
- Discover opportunities for increased throughput
- Increase personnel productivity by reducing paperwork
- Eliminate quality costs associated with scrap and rework

Why MRM/Online OEE?

- ✓ *Easy-to-use*
- ✓ *Paperless reporting*
- ✓ *Web-based solution*
- ✓ *Quick implementation*
- ✓ *Online data acquisition*
- ✓ *Flexibility (can be applied to a single machine, to a line or to a whole factory)*

traceability.eu is a Business Unit within Theodorou Automation SA, a Greek company specializing since 1985 in industrial coding, marking, labeling and in manufacturing execution, integration and intelligence systems.

The company promotes in the European market its **iFactory** suite of integration tools and execution applications including:



Product Traceability &
Manufacturing Execution System



Production Line Efficiency
Monitoring System



SAP's Platform for Manufacturing
Integration & Intelligence



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