

OVERALL EQUIPMENT EFFECTIVENESS

COMPLETE SOLUTION

Remote tools are available for management visibility of all work cells being monitored for OEE. These tools include datalogs and dedicated management screens independent of operator screens. Management screens include shift, day, week and even monthly production information.

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HORNER OEE SOLUTION

Monitor Any Machine...Any Process...Anywhere

WHAT IS OEE?



Unplanned Stops / Equipment Failure

AVAILABILITY LOSS

Planned Stops / Setup & Adjustments



PERFORMANCE

Small Stops / Idling & Minor Stops

PERFORMANCE LOSS

Slow Cycles / Reduced Speed



QUALITY

Production Rejects / Process Defects

QUALITY LOSS

Startup Rejects / Reduced Yield



OVERALL EQUIPMENT EFFECTIVENESS

> PRODUCTIVE & VALUABLE OPERATING TIME

WHY DO I NEED OEE?



INFORMATION

Identify Constraint / Capture Loss Information View Shift / Batch Changes



DECISION

Pick a Top Loss / Decide Countermeasures Make Plant Adjustments



ACTION

Implement Countermeasures / Capture What You Learned Make Corporate Decisions



RESULTS

WHERE CAN I USE OEE?



Oil & Gas - Gather data from remote locations.



Manufacturing - Send OEE data to corporate headquarters and the cloud for data analytics, improvements and predictive maintenance.



Water/Wastewater - Efficient remote site monitoring.



Food & Beverage - Enable track and trace, path to continual improvement, Real Time adjustments.



Power Utility - Virtually instant data reporting from remote locations.



Logistics - Send vast amounts of data to corporate central locations and cloud for big data analytics.



Medical Manufacturing - improve the quality of their products along with improving their production operations.



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A Pre-Programmed Solution that is Quick and Simple to Set Up

REPORTS - SMART OEE ON EVERY PROCESS:

- Log production data that is immediately available to every user on your network
- Instantly generate data to use for reports for a process, area, plant, division or your entire enterprise
- Collect OEE data and alarms, downtime reason codes and operator calls
- Data to create custom dashboards and reports, and export files exactly how you want them

RESULTS - IMPROVEMENT AT EVERY LEVEL:

- Single source of data detailed, accurate, timely and precise
- Operators Meet production targets by improving focus and quicker reaction to down events
- Supervisors Set shift targets using data to analyze and be proactive
- Leadership Launch projects, set goals and compare investments with results



XL Series EXLW - connectivity (WiFi/Ethernet), manual operator input via HMI

Horner Bundle - packaged together with powerblock and protective enclosure

Tower Light - signal system for Good / Caution / Alarm / Call - viewable from a distance

USB Port & Ethernet Port - panel mounted options to be available for external data collection

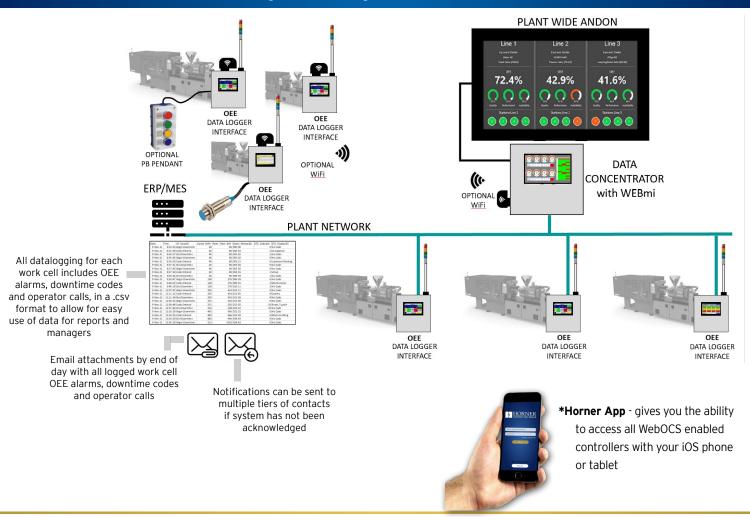


Optional -

WebMI - provides remote visibility and accessibility to data, allowing management to monitor operations hourly, daily, weekly and/or monthly







GLOBAL HEADQUARTERS

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