

HORNER OEE SOLUTION

A pre-programmed solution that is fast and easy to implement. No development on the user end, just a simple setup on the touchscreen and you can start monitoring data in minutes



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.



HORNER OEE SOLUTION

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

WHAT IS OEE?



AVAILABILITY

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

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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

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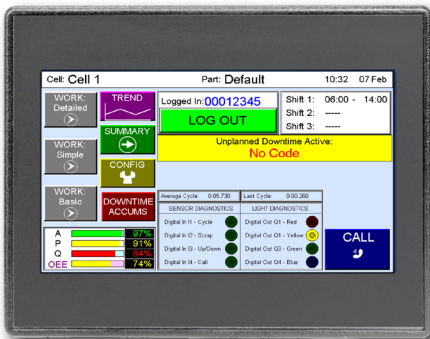
A Pre-Programmed Solution that is Quick and Simple to Set Up

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



