

Uncover hidden operating costs that automatically tracks the pulse of your plant's machines, with the only Industrial IoT enterprise OEE system that engages everyone from operators to corporate executives.

MONITOR OEE IN REAL-TIME: EASILY MEASURE PRODUCTION AVAILABILITY, PERFORMANCE, QUALITY, AND CAPACITY:

To rely primarily on historical reports to monitor production performance runs the risk of missing countless cost-saving opportunities to resolve potential problems during production operations

With Shoplogix Factory Pulse...

All production expected uptimes, throughput, cycle times, and quality goals are measured in real-time down to the minute, and automatically segmented out by hour, work shift, and calendar time. Factory Pulse also provides robust alerting capabilities to notify the right people when issues occur or thresholds are hit.

This makes it effortless to compare expected manufacturing targets against what is actually happening at any given time. For example, manufacturers always know whether a machine on the other side of the plant facility is running half a second too slow, or if break creep is a recurring problem for certain shifts.

All of these hidden costs add up to expensive losses that are virtually impossible to detect without Shoplogix Factory Pulse's advanced OEE production performance monitoring, all available out of the box.

CUT DOWN ON EXPENSIVE EQUIPMENT BREAKDOWNS—PREVENT ISSUES BEFORE THEY OCCUR:

Operation teams, production output, and revenue all depend on consistently performing machines. Without a clear understanding of each issue's root cause, operators will always be reacting to issues, instead of proactively preventing them altogether.

With Shoplogix Factory Pulse...

Shoplogix is proud to have the only OEE monitoring system that engages production operators every day. For any unintended machine state, shop-floor operators can quickly attribute specific reasons without interrupting their work.

Shoplogix Factory Pulse has built-in reports that expose the most common issues and reasons, empowering your team to eliminate problems at their root causes. Behind the scenes, Shoplogix Factory Pulse also automatically tracks each machine's average time between failures, along with the average time for operators to resolve issues (MTBF and MTTR).

Equipped with these metrics at all times, manufacturing teams can implement preventative maintenance and CI initiatives with ease. Increase your revenue potential by preventing downtimes, rather than reacting to them.





OUT OF THE BOX OVERSIGHT—QUANTIFY PRODUCTION LOSSES AND OPPORTUNITIES BY WORK ORDERS, PRODUCTION LINES, AREAS, AND MACHINES ON DAY 1:

Third-party software vendors almost never fit your business needs—at least not as much as you'd prefer. Your production processes and operations are always somewhat unique. This makes finding a vendor solution difficult, and very often the end result feels like a compromise.

With Shoplogix Factory Pulse...

Our team of smart factory experts configure everything in Shoplogix Factory Pulse for you—from the layout of your plant setup all the way down to the expected runtimes and cycles of each machine.

This means on day 1 of use, operations teams will be able to monitor individual work orders (jobs), specific work shifts, production line bottlenecks, and plant-floor areas, among other components and processes that are unique to your plant.

This white-glove approach ensures full oversight of your plant operations. Shoplogix Factory Pulse provides mission-critical business context to machine data, empowering manufacturers to take actions that drive the most ROI.

ELIMINATE MANUAL BIASES—DATA INSIGHTS FOR EACH ROLE, FROM YOUR OPERATORS UP TO YOUR SENIOR LEADERSHIP TEAM:

Most OEE monitoring software is only useful for specific audiences. And a lack of standardized reporting introduces manual biases with every knowledge transfer. This makes it difficult to manage an effective feedback loop between the plant floor and the C-suite.

With Shoplogix Factory Pulse...

Shoplogix Factory Pulse's screens are designed around roles.

- Operators use intuitive real-time dashboards for their shifts, ensuring they are on pace to meet targets
- Supervisors facilitate daily production meetings with shift-based analytics, reviewing the production of the past day (or week)
- Senior leadership teams have Corporate Scorecards, which are easy-to-digest and show aggregated KPIs that help drive quarterly strategies.

When a manufacturer uses a consistent dataset that stems from “machine truth”, it can easily quantify losses, justify equipment purchases, and define better utilization strategies to increase your bottom line.





INTEGRATE WITH YOUR EXISTING WORKFLOW— INTEGRATION WITH ERP/MRP SYSTEMS:

Every time you add another third-party tool to your team's operations, you need to re-evaluate your entire workflow, and make unwanted changes to accommodate new vendors.

With Shoplogix Factory Pulse...

We provide seamless integration with industry-acknowledged MRP/ERP and other manufacturing software solutions to consolidate disparate data sources and eliminate duplication of work.

You can integrate with your existing software solutions as much or as little as you want. Shoplogix Factory Pulse does not require integration with third-party software to work. In fact, all of its features are designed to accommodate both scenarios: it can be used as a standalone product, or integrated it with existing MRP/ERP systems to provide a streamlined workflow for you and your teams.

Shoplogix Factory Pulse's integration capabilities allow manufacturers to maintain the integrity of current workflows while avoiding costly duplication of work. This increased efficiency translates to a boost in productivity—not just on the plant-floor, but with your analysts too.



EXAMPLES OF CORPORATE USE CASES

We've seen our customers use Shoplogix Factory Pulse to...

Increase capacity and save on new equipment:

Sometimes it can feel like your fixed costs are too high, or that it is difficult to compete with outsourcing. With Shoplogix Factory Pulse, it is effortless to determine whether your equipment, shifts, and operators are running at full capacity—and if they aren't, then you may still have room for better margins. Shoplogix Pulse can empower you to improve machine efficiency and overall capacity levels, ultimately avoiding unnecessary spending.

Validate capital expenditures:

When we connect to your equipment, our robust "machine truth" data stream captures true utilization and run/production time. If you've already maximized your capacity, and determined that your current operations are running at full efficiency, then you can easily use our data to justify expanding your operations. We know that validating capital expenses usually involves a thorough understanding of your current state. With Shoplogix Factory Pulse, the data is always available for you and your Finance team to know the right time for new equipment purchases.



CAPABILITY	SHOPLOGIX FACTORY PULSE
Performance Monitoring and Reporting	
Monitor and report on Overall Equipment Effectiveness (OEE): · Availability (uptime) · Quality (defects) · Performance (runtimes)	✓
OEE drilled down by machine, area (multi-machines), an entire production line, or an entire plant	✓
Monitor and report on machine states and production losses: · Microstops · Scrap · Slow running · Operator inefficiencies · Idle · Break creep	✓
Ability to perform root-cost analysis of all energy components (gas, electricity, etc) compared with Production Runspeeds	✓
Quantify Losses and Drive Continuous Improvement	
Metrics of most common equipment issues	✓
Operator interactivity to capture root cause analysis (reasons behind downtimes). This data is available to supervisors in real-time.	✓
OEE Waterfall and Downtime Pareto charts focus in on immediate issues that need to be addressed	✓
Role-based experience and analytics	
Dashboards and analytics designed specifically for Operators during a workshift	✓
Dashboards and analytics designed specifically for Supervisors running production meetings	✓
Dashboards and analytics designed specifically for Senior Leadership teams and Executives focused on KPIs and plant-wide performance	✓
Alerts and notifications	
Notifications by email or SMS	✓
Alerts can be triggered based on set thresholds, defects, or specific downtime events	✓
Integration with third-party software	
Integration with ERP/MRP software solution providers	✓
Push work orders directly from ERP/MRP solutions to Shoplogix Pulse to cover the entire workflow of planning, scheduling, monitoring and measuring	✓