MACHINE INTEGRATION

& MONITORING

- ✓ Meet and Exceed Quality Standards
- ✓ Remain Within Tolerances
- ✓ Measure Efficiencies
- ✓ Track Uptime/Downtime
- ✓ Maintain Regulatory Compliance

Using the IIoT to Maximize on Your Data

Radley Machine Integration & Monitoring is the portal between your ERP and shop floor systems. Meet your continuous improvement initiatives with reliable automatic data collection from all of your data sources. Automatically collect, analyze and store the real-time activities of each PLC-equipped machine. By monitoring your equipment you can be notified of critical production events when they happen.

Integrate outside databases, machines and equipment to an ERP/MES system to increase communication to most major ERPs. Streamline data collection into one easy-to-use interface by integrating PLCs, Automated Retrieval Systems, Scales, Automated Handling Equipment, MES and Proximity Sensors. Radley PLC/Machine Integration keeps a complete operational history, yet with minimal transactions—and without slowing down your ERP! Use the data collected through Machine Integration to expand your view of key data through the Radley software solutions you're already using including Shop Floor Control, Data Collection, Labor Tracking, and more.

RADLEY

C O R P O R A T I O N

Reporting

Track an unlimited number of machines, providing accurate shop floor productivity KPIs, helping you identify problems fast, improve operations and make better business decisions. Report on metrics from individual machines, departments, or entire plants—automatic, error-free and without shop floor operator input.

Radley's Machine Monitoring provides a configurable reporting dashboard to show your key data in one easy-to-use interface. By highlighting trends in machine productivity, you can focus on specific areas and machines in your manufacturing process where the most impact can be achieved, adding to your bottom line. View OEE and OLE metrics from the dashboard—without the need to do manual calculations. Radley creates a continuously updated database of your overall manufacturing performance:

Automatically collect, track, chart and process machine data in real-time.

- Actual run time versus scheduled run time
- Actual production speed versus optimum speed
- Good quality units produced as a percentage of the total units started
- Workers' productive time

Supervisors can view real-time data from any iOS, Android or Windows device, allowing mobility and the ability to address changes on-the-fly. Easily export data from the dashboard to PDF or spreadsheet to keep personnel informed, from the shop floor to the boardroom. Setup email or text alerts and notifications so you can address issues effecting productivity as they arise, reducing downtime.

Track Machine & User Data

Radley's Machine Monitoring automatically collects, tracks, charts and processes shop-floor manufacturing data, calculating key performance indicators in real-time. Measure how well your machines are producing and establish Lean organization standards. Track machine and user activities and events without the complexity of multiple systems, so you can manage it all from an easy to use, configurable interface.

Increase production by eliminating waste and decreasing downtime and quality issues, creating a more efficient manufacturing facility.

KEY PERFORMANCE INDICATORS
✓Down Time Reason Codes
✓Setup Time
✓Job Start/End
✓Reject Counts
✓Cycle Time & Counts
✓Idle Time
✓Event Monitoring
✓Completion Quantities
✓Quality Metrics