Machine Monitoring

One of the many benefits that can be gained with a digital transformation effort is the ability to gather data from the shop floor. This data can be used to monitor the status of machines to track uptime, productivity, machine capacity, and other critical operational parameters.
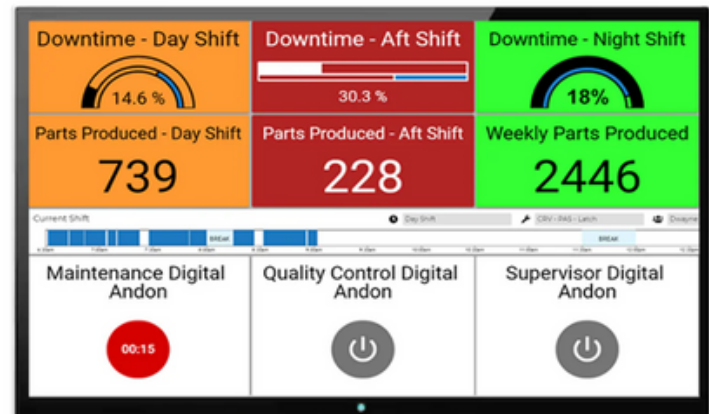
Why IoT Machine Monitoring?

- Monitor legacy equipment
- Visibility into machine status
- Track performance to takt
- Understand shop capacity

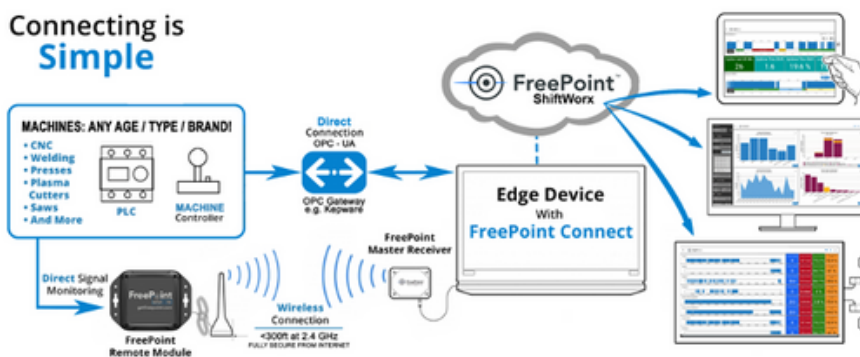## How is it accomplished?

- Monitor sensor states
- Apply context to correlate to machine uptime/downtime
- Cloud-based analysis platform

Application Principles

- Measure machine usage
- Real-time status views
- Performance dashboards
- Present actionable insight

Connecting is Simple

Shop Floor Impacts

- Improve productivity
- Improve scheduling
- Drive improvement
- Optimize job costing

FreePoint Technologies Inc.
ShiftWorx™

Thanks to **Freepoint Technologies** for their support in highlighting their Shiftworx machine monitoring solution.

Additional Suppliers for Machine Monitoring

Datanomix provides a [machine monitoring solution](#) that communicates directly to machine controllers or uses sensors added to legacy machines to access machine utilization data. The acquired data is analyzed to provide actionable intelligence about machine performance and optimization opportunities. Datanomix takes a novel approach in machine monitoring with their "No Operator Input" methodology, eliminating manual downtime code entry and associated data entry errors.

Machine Metrics is another [monitoring solution](#) that acquires data about the operating states of machines and turns it into actionable insights to drive improvement and optimization on the shop floor.

Thrive provides a "budget friendly" [monitoring solution](#) that is easy to install and use for machine performance, overall equipment efficiency (OEE), and downtime tracking solution. Built-in reports and real-time production monitoring can be viewed from any web-connected computer or smart device.