

Increase Productivity and Profitability

# Leverage Machine Intelligence

**Your machines are telling you everything you need to know to rise above your competition. Are you listening?**

We've built a solution that not only listens, but will recognize and alert you to patterns in your machine's data and predict the future. Why is this important? When we can see the future, then you can foresee downtime before it happens. Saving you not only time, but money.

**Boost efficiency, speed, and employee engagement while reducing overall costs, scrap, and the heart of unplanned down-time.**

- Machine Health
- Real-time Operations
- Visibility of Production Goals
- Manufacturing
- Performance
- Productivity & Efficiency
- Quality & Defects
- Automation & Accuracy of Data
- Alarms & Notifications

## Get Connected

(586) 464-4400  
info@prophecyiot.com  
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**See how we solve the 6 Big Losses**

# Solving the 6 Big Losses on the Shop Floor

## 1. Equipment Failure

We have the technology to send an alarm before running to failure.

- Receive a **Boundary alarm** based on real time, aggregated data from your machines.

## 2. Set up Time

Prophecy IoT® connects seamlessly with other software such as your already implemented ERP system.

- Out of the box solution that is customizable to all specifications.

## 3. Idles & Stops

Idles and stops are typically a result from small changes along the way.

- **Rate of change alarms** will alert you the second an unusual change occurs.

## 4. Reduced Speed

Accounting for time lost where equipment runs slower than the Ideal Cycle Time, due to dirty equipment, poor lubrication, substandard materials, poor environmental conditions, operator inexperience, startup, and shutdown.

- The **Prophecy dashboard & diagrams** show in real time, all of the data you need to keep up with your Ideal Cycle Time demand.

## 5. Process Defects

Defective parts that result from a seemingly stable process can cause much confusion. With **aggregated data**, you will be able to pinpoint the issue and use the collected data instantly.

## 6. Reduced Yield (scrap)

Many things can cause scraps like suboptimal changeovers, incorrect settings when a new part is run, equipment needing warmup cycles, or equipment that creates waste after startup.

- These issues can be measured by listening to your connected machines and in the end, avoided by receiving boundary alarms before things go wrong.



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# Prophecy

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