

Manufacturing Performance Dashboard



INDUSTRIAL IoT IS NOT A PASSING FAD

\$14.2 TRILLION projected economic impact of Industrial IoT by 2030
Forbes; i-Scoop

The economic impact of the Industrial Internet of Things (IIoT) market is projected to grow from \$110 billion in 2020 to \$14.2 trillion by 2030. 92 percent of industrial businesses are expected to adopt IoT in some way by 2019¹. Are you ready to capitalize on the benefits of the IIoT revolution?

MAXIMIZE YOUR PRODUCTION POTENTIAL

If the equipment and lines in your facilities are not already collecting a digital record of your operational activity, they will soon. The ability to produce insights from this data is a powerful asset in **maximizing your production potential**.

Simply gathering this data is not enough. For your business to benefit from this wealth of information, it must be aggregated, analyzed, and evaluated against **meaningful Key Performance Indicators (KPIs)** that define your operation's success.

SysLogic has deep expertise in the **secure collection, aggregation, and analysis** of manufacturing data. Leveraging decades of business intelligence experience, our team helps clients from a wide array of industries generate practical tools to measure, manage, and accelerate their business.

UNDERSTAND YOUR PRODUCTION DATA

SysLogic can assess your production data and **identify valuable insights**. Our information management experts are highly skilled at finding the common thread between disparate data streams and developing tools to measure and compare them. After identifying what is possible, we work to ensure these comparisons **support the goals and objectives of your business**. Typical insights include:

- **Supply/Demand:** How does our production output compare to our order backlog? Do we have enough raw materials on hand for our planned production? Should we be adapting to seasonal or other trends?
- **Performance:** What is our current production output compared to our forecast? Are there segments of the production floor that are out of sync with our planned production needs?
- **Quality:** How many out-of-spec units do we produce? What segments of the production line generate the most quality issues?
- **Efficiency:** How much waste/scrap do we produce? Can we produce more volume without sacrificing quality?
- **Availability:** How much downtime do we experience? What is causing it? How much does it cost us?

cost of unplanned downtime reported by manufacturers
Aberdeen Research

\$260K
UP TO
PER HOUR

RESOLVE ISSUES BEFORE THEY HAPPEN WITH PREVENTIVE MAINTENANCE

Unplanned downtime is one of the largest expenses your operation can incur. Unplanned downtime can cost a company staggering amounts of money — by some estimates as much as \$260,000 per hour.

By monitoring your equipment run time and analyzing your maintenance history, you can develop and refine a **preventive maintenance plan** to minimize the likelihood and impact of unplanned downtime. **Planned maintenance** based upon sound analysis allows your operation to strategically mitigate downtime:

- Proactively monitor performance levels and health of your equipment.
- Track run time in relation to scheduled maintenance intervals.
- Schedule your maintenance downtime so that critical equipment and lines are running during periods of peak demand.

portion of companies that suffered **unplanned downtime** in the past 3 years

Aberdeen Research

82%

INSIGHTS AT YOUR FINGERTIPS

Once your production performance dashboards are developed, your leadership team and facility staff can access them from any desktop or mobile web browser.

We use powerful data visualization tools to deliver **insightful, actionable dashboards** that are tailored to meet the unique needs of your operation:

- **Management and Executives** can see production data to support forecasting and capacity planning.
- **Plant and Production Managers** can actively monitor the production process and be alerted to any problems.
- **Operators** are provided production metrics in real time and can immediately adapt as needed.

REAL-WORLD BUSINESS BENEFITS EXCEED EXPECTATIONS

portion of businesses expecting vs. realizing IoT-driven increases in key areas



Aruba Networks



SYSLOGIC WILL ARM YOU WITH METRICS THAT MATTER TO YOUR BUSINESS

Contact SysLogic today to learn more about our manufacturing performance dashboard capabilities and get ready to take your production operations to the next level.

¹ Aruba Networks https://www.arubanetworks.com/assets/infographic/Aruba_IoT_Industrial_Infographic.pdf

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SysLogic is an information technology consulting and services firm dedicated to helping clients conduct business more effectively and efficiently. We provide deep industry expertise and deliver solutions that leverage leading-edge technology and sound business practices in the areas of business and technology strategy, enterprise applications and architecture, information management, and cyber-security. We've been partnering with clients to extend the range, reach, and value of information technology to transform the way they do business since 1995.