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## Condition Monitoring Market Shows Increasing Growth *Industry Research Predicts More Opportunity for OEMs*

**A recent 2017 report** from Dublin-based Research & Markets forecasts growing opportunities in the nearly \$11-billion Condition Monitoring market for OEMs, plants, and factories.

The in-depth report details how the global market in machine condition monitoring is steadily developing in key industries by saving companies the disaster of unnecessary downtime. Companies mentioned in the report include industry drivers Caterpillar, Dell, General Electric, IBM, Microsoft, Siemens and more. The full report is available [here](#).

CAS DataLoggers delivers condition monitoring systems along with visualization software and free on-call technical support. To learn more about what these systems can do for your business, call an Application Engineer today at **(800) 956-4437** or visit our website at [www.DataLoggerInc.com](http://www.DataLoggerInc.com).

### Condition Monitoring applications include:

- Automotive & Transportation
- Energy
- Machinery
- Oil & Gas

### Condition Monitoring Solution Examples:

- Data acquisition systems
- Data loggers
- Portable measurement systems
- Current/voltage loggers
- Vibration monitoring systems

## How Condition Monitoring Prevents Downtime:

The well-sourced report cites the Internet of Things as a continued driver of machine monitoring business opportunities, along with the resulting analysis of data gathered via predictive maintenance. The continued price plunge of secure, cloud-based storage is another key contributor.

Outlining the extensive market by segment, Research & Markets lists more than a hundred high-profile companies involved in predictive maintenance and condition monitoring. The study also details major trends and challenges affecting the industry.

Predictive Maintenance (PdM) solutions are increasingly being implemented in

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factories and plants worldwide to help reduce process downtime and to more efficiently conduct operations. These devices monitor machines and electrical equipment including engines, motors, boilers, and more, all with an eye toward ROI.

### Maintaining Business-Critical Machinery:

As part of this projected growth, the report identifies the Machine industry as a significant area for OEM opportunity.

Plants and factories can help to decrease downtime hours (in the form of process delays and shutdowns) by sourcing a [Machine Monitoring solution](#). These systems incorporate various sensor types (temperature, current, voltage etc.) to continually acquire machine data and compare it to user-set parameters such as normal operating temperatures, energy, power factor, etc.

Condition monitoring systems also update users on developing issues before they result in downtime. Communications options transfer data and alarm notifications to PCs or networks via WiFi, Ethernet, Serial, FTP, cellular modem, and more.

Meanwhile, using professional data acquisition software allows users to visualize data from many machines and locations at once, and also to analyze the data to identify faults before they can worsen.

### The Solutions Experts:

At [CAS DataLoggers](#), we have the most complete selection of **data acquisition systems** and **data loggers** available anywhere. With hundreds of data logger models ranging from 1 to 300 channels, users can record temperature, voltage, current, resistance, vibration, digital signals, and more. We offer a wide variety of wireless, wired, and custom-made systems.

We have been actively involved in selling data loggers and real-time systems since 2001. Our staff has over 100 years of total experience with different types of data acquisition and test and measurement equipment. We can also provide you with value-added services including on-site installation, custom programming, engineering and design services, and turn-key systems. Allow us to help you find the ideal system for your application!

### Our Customers Include:

- A.O. Smith Corporation
- Boeing
- Briggs & Stratton
- Cirque du Soleil
- Custom Systems & Controls, Inc.
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- Eppendorf
- NASA Kennedy Space Center
- Saint Louis Art Museum
- Southern Wine and Spirits of America, Inc.
- Superior Graphite
- W. L. Gore & Associates, Inc.
- Wells-Lamont Industry Group
- And more...

For more info on [Condition Monitoring Dataloggers](#), or to find the ideal solution for your application-specific needs, contact a **CAS Data Logger Applications Specialist** at (800) 956-4437 or visit our website at [www.DataLoggerInc.com](http://www.DataLoggerInc.com).