



SmartDiagnostics® in the Cloud

SmartDiagnostics® in The Cloud brings sophisticated, high-value sensor monitoring to the widest population of companies in an easy to use and affordable way.

The Cloud gives you all the benefits of the SmartDiagnostics® Machine Condition Monitoring Software without the hassle of installing and operating system software, or performing backups and recovery of the system. Simple and fast, the Cloud offers affordable access using only a browser. No special training required.



Give Your Machines **a Voice™**

NO SOFTWARE INSTALLATION

Not interested in wasting time installing and updating another piece of software? When you sign up for the Cloud, we pre-configure all your equipment and take care of all the updates, backup and recovery. Just place the sensors and follow a simple configuration process to describe the machine environment. Enjoy all the capabilities the system has to offer without the hassle of setting up the software.

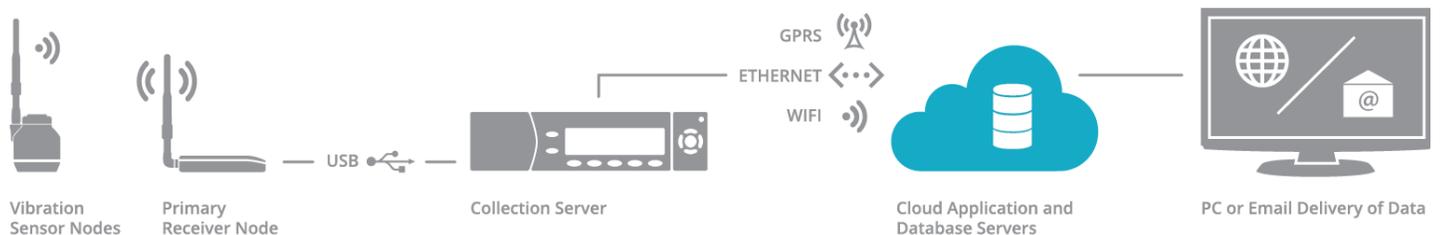
MINIMAL TRAINING

In order to get you up and running as soon as possible, SmartDiagnostics® in the Cloud focuses on providing a service that is capable of being implemented by the customer with minimal training and expertise. Setup of a basic system can be performed by a customer in less than half a day, and you'll have your first measurements within minutes of setup.

AFFORDABLE ACCESS

SmartDiagnostics® in the Cloud supplies all of the software capabilities of the SmartDiagnostics® Machine Condition Monitoring System and long-term data storage on an affordable subscription basis. The data can be accessed using only a browser, meaning you can check on your machines from home, at the office, or on the go. The Cloud is perfect for accessing your data anytime and anywhere.

The SmartDiagnostics® System



Machine Condition Monitoring Software Specifications

Software modules	<ul style="list-style-type: none"> • Runs on application server or Collection Server that has connected SmartDiagnostics Receivers • Portal accessible via browser
Operating System Requirements	<ul style="list-style-type: none"> • Windows Vista (both 32-bit and 64-bit versions) • Windows 7 (both 32-bit and 64-bit versions)
Browser Requirements	<ul style="list-style-type: none"> • Internet Explore 9.0 or above • Google Chrome • Firefox • Opera 11.0 and above • Safari

Industry Applications

-  Industrial HVAC/R
-  Oil & Gas
-  Power Generation
-  Pulp & Paper
-  Food & Beverage

Features & Benefits

- Ability to view and trend multiple types of sensor data simultaneously, including the vibration and temperature.
- Choose between multiple views including, charts, a map or the dashboard.
- Configuration of multiple frequency monitoring bands to track vibration trends that are indicative of different types of machine wear or failure.
- Specify proactive alarm levels on all the monitoring bands to be instantly alerted of potential problems.
- Gives a better understanding of the wear and failure conditions by inspecting the detailed vibration spectrum for any sensor reading through either the frequency spectrum or time signature.
- Customizable collection frequency ranging from once every few seconds to once per day to match machine requirements.
- Consolidates sensor information into a single database enabling easy organization of equipment health data by plant and machine.
- Centralized configuration and management of Receivers and Vibration Sensors.



Machine Condition Monitoring Software Vibration Metric Chart



Machine Condition Monitoring Software System Map

The SmartDiagnostics® suite of products features an interactive, browser-based software that provides simple setup and an easy-to-use interface. The multi-user site features a role-based architecture in which selective permissions can be given for each profile, meaning that employees only see the information important to them. The highly responsive and secure software uses dynamic charting optimized for industrial sensor information and diagnostics. The software has the capability to support many kinds of sensors, and allows you to set alarms when machines are in danger of failing. In many industrial applications, preventing a single failure through proactive problem detection can justify the cost of an entire wireless system.