

Spot potential maintenance issues before they become problems.

Condition Based Maintenance can give a compressor manufacturer visibility into equipment wear and tear.



Challenges

When your business buys equipment, you want to be sure it works as advertised—and lasts as long as possible. For a large business, these kinds of purchases could include thousands of items. So it isn't always easy to keep tabs on how each piece is performing and what its condition may be. If anything starts to wear out, it can be a time-consuming and costly process to track it down.

Take for example a manufacturer of industrial-use air compressors that wants to grow revenues and set itself apart from the competition by adding new services that deliver more value to customers. Typically, each compressor has an operational life span of about 10 years, with significant electrical costs during that time. If a compressor works inefficiently or performance drops, that means more energy consumption and even higher electrical costs. Broken air compressors can also lead to costly downtime and repairs.

Our Condition Based Maintenance solution can help reduce the number of service dispatches to customer locations and the mean time to repair, while improving asset usage.

The company needs a way to proactively monitor the condition and performance of each compressor deployed in the field. It also needs a solution that is compatible with industry-standard controllers and is easy to set up and install.

Solution

As a possible solution, Verizon Condition Based Maintenance, with service on the Verizon 4G LTE network, can offer valuable insights to manufacturers of compressors or other industrial equipment. How? By providing near real-time monitoring capabilities for each compressor's operating condition and performance level.

Our Condition Based Maintenance solution can track things like pounds-per-square-inch (PSI), temperature, running time, power draw, service time and other useful information. Plus, the solution can be deployed and configured quickly, allowing the compressor manufacturer to start monitoring sooner. It also works with a variety of controllers.

Once installed, Condition Based Maintenance can quickly notify the company about possible issues with any of its customers' compressors. If an issue is detected, the company can alert the customer with exact details. If the customer is one of the company's larger accounts, the company could send a repair technician to the compressor's location for a fix.

The solution also provides users with the ability to proactively monitor energy consumption for each compressor. Once consumption or other operational costs exceeds a certain limit, the company could let the customer know to better help control costs.

Results

Adding Condition Based Maintenance can help businesses deliver better value to customers, reduce the number of service dispatches, cut repair times and improve asset usage. The solution also helps customers better plan for their energy consumption, which can lead to better control of energy costs.

Learn more.

Contact your Verizon Wireless business specialist to learn more about how Verizon Condition Based Maintenance can help improve predictability and reliability or visit verizonenterprise.com/cbm.