

# HVAC monitoring

Solution brief

Optimize performance and efficiency of heating and cooling systems.

Verizon Condition Based Maintenance solutions

Verizon's heating, ventilation and air conditioning (HVAC) monitoring solution is designed to help you maintain the comfort and safety of building occupants as well as the performance and efficiency of your HVAC systems. We combine sensor hardware, LTE connectivity and our cloud software-as-a-service (SaaS) platform to provide an end-to-end approach to proactively monitor the performance of your heating and cooling systems.

## Help reduce energy consumption and operating costs.

Our solution continuously tracks the performance of your HVAC system, alerting you if conditions go outside of predetermined ranges or if there are performance issues. This helps ensure that your HVAC system is operating at its optimal level, improving the efficiency and effectiveness of your heating and cooling.

## Identify warning signs quickly.

Our monitoring solution sends alerts via text message or email when a sensor detects changes in system performance and environmental conditions.

- **24/7 monitoring.** Monitor your valuable assets virtually anytime, anywhere, on any device.
- **Prompt notifications.** Receive near-real-time alerts when a problem is detected.
- **Valuable insights.** Analyze trends with custom dashboards and reports.
- **Increased efficiency.** Save time and money by correcting problems before they cause product loss or damage.
- **Robust compliance.** Facilitate safety, quality and compliance with data logging and reports needed for proof-of-temperature performance.

## Take control through a single pane of glass.

Our solution includes a custom dashboard with detailed key performance indicators and sensor visualizations accessible remotely via Verizon's asset management and monitoring SaaS platform.



Keep your HVAC systems running safely and efficiently.

## Enjoy a simple, out-of-the-box experience.

This turnkey solution features software that interacts with Verizon or third-party sensors to take readings at set intervals and transmit them to the cloud via an Internet of Things (IoT) gateway, giving you an easy, all-in-one monitoring experience.



Remote monitoring



Automatic data logging



Timely alerts



Analytics & reporting

**Gain peace of mind knowing that your HVAC systems are being monitored around the clock.**

## Who can benefit?

Verizon's HVAC monitoring solution can be useful for a wide range of industries, including:

- **Commercial and office buildings.** Help ensure temperature control by keeping HVAC systems functioning efficiently and effectively.
- **Data centers.** Help prevent room overheating and costly downtime by monitoring whether systems are functioning properly.
- **Health-care facilities.** Maintain a sterile and healthy environment with HVAC systems that are performing safely and efficiently.
- **Manufacturing and industrial facilities.** Maintain a comfortable and safe work environment for employees.
- **Retail and hospitality.** Have a comfortable and inviting environment for customers and guests by staying on top of your HVAC system performance.

Overall, any industry that relies on HVAC systems to maintain a comfortable and safe environment can benefit from our HVAC monitoring solution.

## Why Verizon?

Verizon's Condition Based Maintenance remote monitoring solutions leverage a simple, intuitive platform and seamless integration with our network to help you keep your operations running smoothly and effectively. Our award-winning network offers broad coverage, fast speeds and reliable connections. So connect and stay on top of what matters most with the help of a trusted partner—Verizon.

**Get award-winning network performance from Verizon, the network America relies on.**

## Learn more

Find out how our HVAC monitoring and other asset management and monitoring solutions can help you manage your operating environment while letting you focus on what's most important: your business.

Contact your Verizon Wireless business specialist today at 877.273.2279, option #3.

