

Greenhouse monitoring

Solution brief

Maintain optimal conditions for flower and plant growth.

Verizon Condition Based Maintenance solutions



Verizon's greenhouse monitoring solution is designed to help you maintain optimal conditions for plants, which can affect their growth, development and overall health. 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 health and productivity of greenhouse plants.

Controlling environmental conditions within a greenhouse is critical.

Our system continuously tracks the temperature, humidity and soil moisture levels in your greenhouse, alerting you if they go outside of your predetermined range. This helps ensure that your plants are receiving the optimal amount of light, water and nutrients, improving their growth and success.



Identify warning signs quickly.

Our monitoring solution sends alerts via text message or email when a sensor detects fluctuations in temperature, humidity or soil moisture that may lead to conditions that result in plant loss.

- **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.

Improve the growth and success of your plants.

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 greenhouse conditions are being monitored around the clock.

Who can benefit?

Our greenhouse monitoring solution can be useful for a wide range of industries, including:

- **Agriculture.** Improve crop yield and quality by optimizing growing conditions, such as temperature, humidity and light levels.
- **Horticulture.** Maintain optimal growing conditions for plant propagation and nursery production.
- **Floriculture.** Help ensure optimal conditions for flower growth and prevent issues such as over- or underwatering.
- **Landscaping.** Maintain optimal conditions for plant growth in garden centers and greenhouses.
- **Research.** Keep consistent and controlled conditions at greenhouses and other research institutions for plant research experiments.

Overall, our greenhouse monitoring solution supports numerous benefits, including improved plant growth, yield, efficiency, compliance and convenience.

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 greenhouse 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.

