

## Saving Midas Green Tech time & money with our temperature monitoring kit



**Customer:** Midas Green Tech

**Problem:** Proper temperature monitoring in the Midas Green Tech data center plays a critical role in preventing large-scale damage to costly equipment for the company — and potential loss or compromise of customer data on its servers. If the air conditioning system falls short of its set-points or fails outright, the company’s server room can reach 100°F in less than two hours. Once room temperatures exceed 120°F, servers will likely have to be replaced given that internal circuits have exceeded component temperature-tolerance limits. Not only is it difficult to control in-house variables like temperature, but Midas must also rely on city power and it’s advanced but still-vulnerable battery-based UPS system. If either or both power supplies fail, the Midas Green Tech data center can lose important data or fail to support external systems, such as customer websites, reliant on the 24/7 operation of the company’s servers.

**Solution:** To continuously monitor its server room’s temperature, power, UPS battery life, and humidity — Midas Green Tech deployed a Cellular Machines remote monitoring system from Anaren. On the job 24/7, with its *own* battery back-up should city and UPS power fail, the Cellular Machines system sends routine and alert text messages to key personnel, who can take proactive and corrective action when needed. Even better, the Cellular Machines solution stores temperature, humidity, and power statistics on a secure cloud server — where Midas can review historical data, generate reports, and ID opportunities for preventive maintenance.

“High temperatures are the death of computer server rooms. We use the Cellular Machine monitor as back up to our mineral oil-based server storage tanks which have an industrial controller with evaporator cooling units. The Cellular Machines monitors are the first line of defense. If we exceed server temperature one degree, the monitors text us immediately. Also, we know if city power goes down. Elegant product, simple and reliable.”

– Chris Braun, Director, IT,  
Midas Green Internet Provider



Let our Cellular Machines remote monitoring solutions monitor what matters to YOU.

Call 1-855-639-1993, email us at

[support@cellularmachines.com](mailto:support@cellularmachines.com) or visit

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