Foresight: Data Center Monitoring Software from Green Revolution Cooling (GRC)

“A watched pot never boils”

Managing data center infrastructure can be a daunting task, especially given the mission critical nature and, often, remote location of these facilities. Whether you’re running an AI or high-frequency trading operation, computing on the edge or on premise, ensuring that your infrastructure is operating reliably and efficiently is critical to managing costs and uptime.

GRC understands how important your data centers are to your business and are committed to doing everything it takes to help you not just achieve but go beyond ‘five nines’ of uptime. Hence, we developed the Foresight monitoring system to help you get there.

All of GRC’s products come prepackaged with a plethora of sensors, control systems, and the Foresight monitoring platform. While the onboard sensors and control systems optimize the performance, efficiency, and reliability of the system, the Foresight web-app allows you to remotely and securely monitor the real-time and historical performance of your data center infrastructure.

Key Features:

- **Web-app**: allows for simple, secure, remote monitoring of your data center’s performance, health, and efficiency.
- **Early Fault Detection**: regular system health checks look for early indications of potential issues. The diagnostic system looks into everything from filter life, to pump performance, heat exchanger efficiency, and more. Helping you be proactive in avoiding potential service events.
- **Configurable Email Alerts**: The Foresight web-app allows you to configure email alerts based on trigger events, giving you the peace of mind that you will never miss a thing.
- **Backed by 24/7 Remote Monitoring From GRC**: all GRC products are backed by a limited one-year warranty that come with 24/7 remote monitoring by GRC support staff and technicians, giving you an additional set of eyes, and an added layer of protection. Extended warranty and maintenance contracts also include remote monitoring and diagnostics, beyond the one-year warranty period.
- **Integration with BMS & DCIM Systems**: Already have a BMS or DCIM system that you like? No problem, Foresight can easily integrate with almost any DCIM or BMS out there, using industry standard protocols such as Bacnet & SNMP.
Informative Web-Based Dash Board & Reporting

Fig 1. Visualize trends and historical data with Foresight’s plotting feature.

Fig 2. See real-time status and data from each one of your racks in a simple table view.

Fig 3. Drill down to individual CDUs to track historical trends in a tabular or graphical form.

All in all, Foresight is a virtual, relentless employee on your data center team, that’s obsessed with performance and uptime. Foresight allows you to focus on bigger better things, with the peace of mind of knowing that everything is running smoothly and efficiently.