

## Environmental Monitoring Solutions Delivered by SARA

*White Paper Provided by Status Solutions*

The amount of loss that occurs in hospitals is staggering. Every day, hospitals are faced with the challenge of not only keeping patients safe but the infrastructure that supports them. Keeping their facilities at acceptable temperatures to keep staff and patients comfortable may be something that's taken for granted but let's face it, if a hospital is too hot or too cold they risk the loss of business. Facilities and IT managers must ensure power is on and working for thousands of pieces of equipment including the ever growing and critical IT infrastructure. Equipment needs to be protected in the event of water leaks and other environmental concerns that jeopardize their effectiveness and can result in a negative impact on the business. Medical refrigeration is essential to ensuring quality and effective medicines are available across the facility. Ensuring medical refrigeration is operational and kept at required temperatures is imperative in preventing costly loss of medicine.

Equipment in hospitals often times have monitoring capabilities however are typically limited and disparate and require laborious processes for logging. Alerting options are limited and usually include local alarms via buzzers and lights on the equipment.

Status Solutions' Environmental Monitoring capability was designed with one result in mind; preventing loss. Failures to equipment such as medical refrigeration, food refrigeration, cooling systems in server rooms and other situations such as water leakage, temperature irregularities, etc. can be integrated to a single platform for enhanced alerting, logging and reporting capabilities. Centralizing alerts streamlines workflow and increases responder awareness to events in a fraction of the time as compared to the built in alerting on various systems. Centralizing alerts also increases ROI on existing communications infrastructure. Reporting is streamlined and provides facilities with a single source for custom and automatic history reports.

At the core of our Environmental Monitoring capability is the Situational Awareness and Response Assistant, better known as SARA. Leveraging SARA as part of a well thought out situational awareness strategy can help to save money across an entire business. Monitoring, alerting and reporting is the core of SARA's capability that allows customers to deploy a wide range of applications in life safety, security monitoring, environmental monitoring and mass notification.

There are multiple methods in which Environmental Monitoring can be implemented and improved with SARA. The first scenario involves leveraging SARA to monitor existing equipment. Utilizing a contact closure, SARA can monitor nearly any triggering event such as a temperature change over/under a threshold, equipment failure, power failure, and more. SARA's integration platform can provide even more intelligent monitoring, alerting and reporting capabilities by leveraging available data outputs from various systems. Fire panels, HVAC systems, medical refrigeration, and temperature monitoring are just a few examples of currently support integrations\*. SARA's wireless solutions (RF and Wifi) can provide monitoring and logging of temperature and humidity in harsh and non-harsh environments. Utilizing various probes temperature and humidity can be monitored in freezers, coolers, server rooms, operating rooms, medical refrigeration, etc. Wireless solutions are also available for monitoring water leak, humidity, power loss, etc. in critical IT and hospital infrastructure.

Centralizing monitoring and enhanced alerting are straight forward yet powerful SARA applications that will improve any environmental monitoring strategy. ROI is positively impacted by alerting responders before loss occurs as well as increasing the utility of existing communication tools.

\*Please see our integration document for more information or call our sales department at 866-846-7272 option 1.