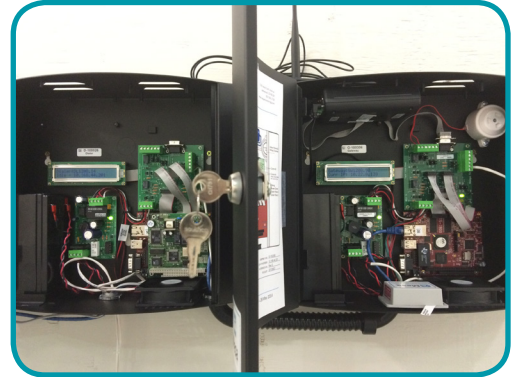


Case Study: Sample Monitoring

Background

The customer described in this case study would like to remain anonymous. They are part of a large military installation that uses the Mesa Labs AmegaView wireless monitoring system to monitor their refrigerators and freezers containing vaccines, medications, blood samples and urine samples. The customer has been using the AmegaView wireless monitoring system for over eight years.



The Challenge

The main risk factor for this customer is power outages, which in turn puts the client's assets at risk. The Mesa AmegaView wireless monitoring system protects against power outages since it has backup batteries inside of the Gateway and Dialer Panels. These two critical panels are powered with wall transformers, however, since there is no generator they do not run on emergency power. The Gateway and Dialer Panels also have a backup battery, which provides power to the panels when the power goes out, for up to 4 hours. It is critical to ensure these panels stay online at all times because the Gateway allows the wireless transmitters to communicate with the AmegaView Server. The AmegaView Server is where the readings are stored in a SQL Database and the Dialer allows the customer to receive important phone calls.

The Solutions

The Mesa AmegaView wireless monitoring system protects the customer's assets by calling a list of numbers in a hierarchical tree when an input goes into alarm. The AmegaView Dialer has a modem with an analog phone line and will call when an input goes out of its desired temperature or other parameter range, as well as if it loses telemetry. The customer is able to listen to the AmegaView phone call to find out which unit is alarming and why and then take the appropriate action. Regulation MEDDAC Reg 40-61-4 (http://evans.amedd.army.mil/logistics/MMB/Medical%20Gas%20Cylinders%20and%20Bulk%20Liquid%20Oxygen%20Reg_40-61-3.pdf) requires this client to monitor their assets 24 hours a day, seven days a week. Mesa Labs' AmegaView continuous monitoring systems provides peace-of-mind and ensures that this regulation is met.

Testimonial

"I like that the AmegaView system alerts keeps the medicine from being lost."
– Equipment Maintenance Manager

