APPLICATION NOTE

CAS DATALOGGERS

Keeping Patient Data Safe And Cool: Navos Mental Health Adopts Innovative Monitoring

Server Room Monitoring Prevents Overheating

Navos Mental Health Solutions, a pillar of hope for underserved individuals in the Seattle area, prioritizes patient well-being. Their mission extends beyond treatment for mental illness, addiction, trauma, and abuse. They offer a safe space for those who might otherwise fall through the cracks. Critical to Navos' operations is safeguarding patient data. This data, encompassing patient histories, pharmacy records, and clinical information, resides on servers within a dedicated room. Ensuring a stable temperature is paramount to prevent data loss or corruption. That's why Navos' IT Site Manager Jeff Coleman looked to invest in upgrading monitoring equipment to help protect the server room from overheating and irreversibly damaging or losing patient data.

Previously, one of Coleman's daily rituals was to manually check on the thermometers located in the server room. This process was slow and inefficient. It also meant that if there was a problem with the server room's air conditioning (AC) unit and Coleman happened to be offsite during the day, or at home after hours, there was no way to know the server rooms were overheating. After a few minor AC outages that were identified and fixed before any damage was one, he decided he needed to find a better solution for monitoring and alerting him of any climate issues in the

server room.

A Modern Approach: Continuous Temperature Monitoring

Determined to safeguard patient data, Coleman sought a better monitoring system. His research led him to T&D Corporation's TR-71nw data loggers, supplied by CAS Data-Loggers. These compact devices boast a wide temperature range, high accuracy, and convenient ethernet connectivity. They can be strategically placed throughout the server room, forming a unified data reporting network.

The data loggers are powered by ethernet, simplifying installation. A battery backup ensures continued monitoring during power outages. Seamlessly connecting to T&D's free cloud-based WebStorage Service, the loggers automatically upload and store temperature data. This data is accessible from anywhere, anytime, on PCs or mobile devices. Information from various loggers across locations can be combined into a single dashboard for real-time, unified reports.

"T&D's data loggers have given me peace of mind," says Coleman. "They ensure our patient data is safe, and I can address AC issues promptly, regardless of location. These loggers are integral to our operations, significantly improving IT efficiency."

Beyond The Server Room: Expanding Applications

The success of the data loggers has led to further exploration. Coleman has temporarily deployed a unit in a campus refrigerator to guarantee food safety. Impressed by the results, Navos is considering implementing data loggers in all campus refrigerators.

Through T&D's data loggers, Navos has discovered a reliable and innovative solution that not only safeguards patient data but also streamlines IT operations. This investment prioritizes both patient well-being and operational efficiency.

This Application Note has been adapted from an article written by TandD. TandD is the manufacturer of the TR-71nw, an ideal server room environmental monitoring solution.

For more information on the TR-71nw, or to find the ideal solution for your application-specific needs, contact a CAS DataLogger Application Specialist at **(800) 956-4437** or www.DataLoggerInc.com.