AiRISTA

Location. Insight. Visibility.

Temperature Monitoring Solution

Automates the Recording and Alerting of Temperature and Humidity

The AiRISTA Temperature Monitoring Solution leverages your existing Wi-Fi infrastructure to monitor, record and alert to temperature excursions.

Challenge

Hospitals, clinical laboratories, and blood banks are subject to rigorous accreditation processes by the Joint Commission, FDA, CAP, AABB, and various other agencies. Increased scrutiny for adherence to strict compliance standards, necessity to ensure safety and enhance quality of care, and the need to increase operational efficiencies has required organizations to re-evaluate their existing manual processes for logging, monitoring, and tracking environmental data. AiRISTA's temperature recording and alerting system has you covered.

Solution

For a solution to be effective, it must:

- ✓ Configure & deploy quickly
- ✓ Provide multiple temp ranges
- ✓ Monitor, record and alert
- ✓ Cloud or premises
- ✓ CDC compliance
- ✓ Low startup costs

Tags utilize the existing Wi-Fi infrastructure to transmit environmental condition data in real-time for storing, processing, and dispatch of abnormal condition notifications/alerts via e-mail and SMS text messages.

Result

Combined with the *sofia* RTLS software platform, organizations and companies in any industry can gain real-time visibility into status along with the historic records for reporting and compliance purposes. Scheduled reports such as monthly analyses, compliance rates, and deviation logs can be sent via email automatically. Exception reports can also be sent to identified personnel at predetermined intervals.

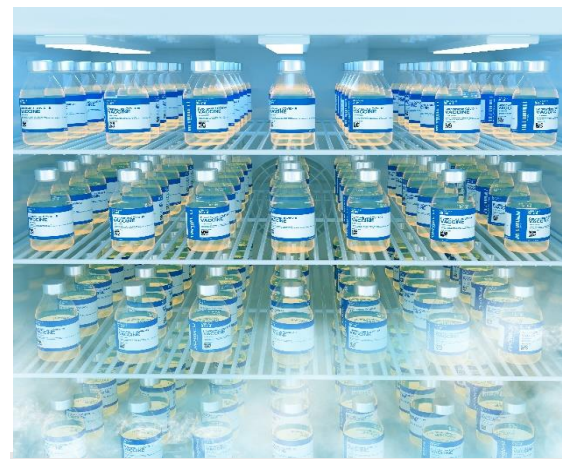## STAFF SAFETY SOLUTIONS
TEMPERATURE MONITORING

How it Works

The tag's probe collects temperature information (°F, °C) which is stored on the tag. The Wi-Fi network is used to relay tag data to the *sofia* software platform. The AiRISTA TS1 Temperature Sensor tag has an external probe that can be installed inside the unit where temperature is being measured. The AiRISTA TS2 Dual Temperature Sensor supports two separate probes for monitoring and measuring temperatures from the single sensor, which lowers the total cost of deployment.

Tag configuration settings detect temperatures outside of acceptable levels and alert the *sofia* platform. Tags provide audio alerts, red LED alerts and display alerts. Rules created in *sofia* alert personnel via email or SMS messages. Temperature ranges during the excursion event are recorded. The *sofia* platform maintains a history of temperatures and generates canned and custom reports for safety and compliance.
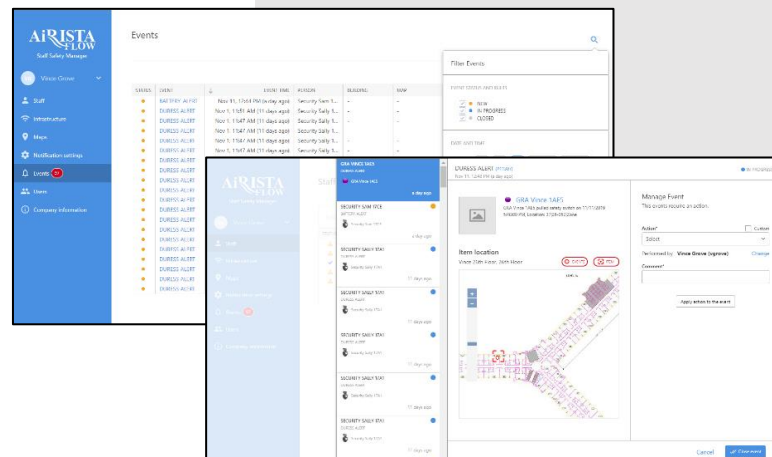
SOLUTION BENFITS

- Choice of detachable temperature probes
- Optional NIST traceable probes can be used for both monitoring air and glycol solution temperatures
- Battery powered with up to 157,680 transmissions on a charge (optional external power adapter).
- In case of network outages, sensors can locally store the temperature measurements and automatically provide the measurements to the application after the outage.
- Compatible with CDC recommendations
- Leverage the investment in your Wi-Fi /BLE infrastructure

How to get started?

- Establish tag configuration using the serial programing cable
- Create alarm and response rules in *sofia*
- Deploy tags, and probes
- Create reports in *sofia* and their distribution schedule

WHY AiRISTA

Experts in wireless RTLS for over 10 years, AiRISTA Flow consolidates real time insights across the enterprise.

AiRISTA is recognized by Gartner as a LEADER in the Magic Quadrant for Indoor Location Tracking 2022, 2023, 2024.

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