

# AiRISTA FLOW

## Temperature Monitoring Solution

Automates the Recording and Alerting of Temperature and Humidity

The AiRISTA Temperature Monitoring Solution combines Wi-Fi and Bluetooth® Low Energy 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.

### Solution

For a solution to be effective, it must:

- ✓ Configure & deploy quickly
- ✓ Provide two-way communication
- ✓ 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. BLE functionality extends the deployment flexibility and communication redundancy. Optionally, location information is provided for portable refrigeration units.

### 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. Wi-Fi and BLE are used as redundant paths for tag data to the *sofia* software platform. The tag's OLED display shows temperature, allowed ranges, alerts, battery level, and status. Tags are powered by USB cables provided by the customer (internal battery provides days of continued operation).

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.

### How to get started?

- Establish tag configuration settings over the air from the *sofia* software platform
- Create alarm and response rules in *sofia*
- Deploy tags, powered by customer provided USB cables
- Create reports in *sofia* and their distribution schedule



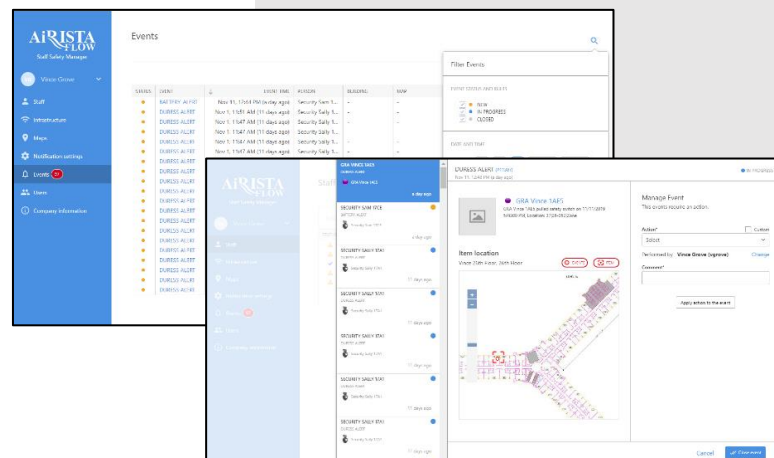
### SOLUTION BENEFITS

- Choice of detachable temperature probes
- Self-illuminating OLED interface to display temperature, allowed ranges, alerts, battery level, status
- Powered over USB cable – internal battery maintains power for days
- Track the location as tags move through facilities (optional)
- Compatible with CDC recommendations
- Used for cold storage monitoring
- Leverage the investment in your Wi-Fi /BLE infrastructure
- Migration path for legacy customers

## 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



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