KLS Technologies
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Hospitality Staff Safety Solution

Solution Benefits

- Enhance staff satisfaction and life safety with always-on duress technology

- Reduce emergency response times

- Access real-time staff locations during emergencies using the existing Wi-Fi network

- Enhance onsite security with accurate floor plan visualization

- Automate alerts when tags become idle or inactive

- Send and receive custom messages to groups or individuals using two-way communications

- Deter workplace violence and mitigate risks

- Produce post-event Forensics Replay reports with ease

Location-aware alerts for hospitality staff safety

Hotel housekeepers and other staff members often find themselves in difficult or threatening situations. An increasing number of attacks on hotel staff members are taking place within the hotel property on the job. CCTV camera solutions can only be used in public areas and not in guest rooms, which leaves hotel staff members vulnerable while working in areas without surveillance.

Every minute counts during an emergency. Knowing the exact location of an individual in danger can save lives by shortening emergency response times. AiRISTA Flow featuring Wi-Fi based worker safety solution brings together real-time location awareness with two-way communications to help keep staff visible with an instant lifeline to help.

The AiRISTA Flow RTLS solution featuring active RFID-over-Wi-Fi goes beyond conventional voice-activated alert systems that lack location visibility or require voice prompts and manual map look-ups. Wearable Wi-Fi badge tags work as a mobile panic alarm and signal an emergency with a simple pull-down mechanism from the badge tag. Using the software, it receives the tag's help request, instantly alerting nearby security teams

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of the individual's exact location via the badge's LED screen. The security team receives the alerts via a text message, email, or pop-up message on their computer screen. Having instant location-based alerting can act as deterrence for violence and gives employees peace of mind.

The AiRISTA Flow staff safety solution is completely wire-free. The open technology platform design of AiRISTA Flow's RTLS Solutions, B4 badget tags, and other IS technologies can be can be configured to automatically trigger various actions. These customizations may require third-party support and include the ability to reposition security cameras, activate on-premise alarms, or even engage locking mechanisms in designated areas.

AiRISTA Flow solutions can be configured to offer escalation, help acknowledgment, man-down alerts, automated mustering reminders, and motion sensing alarms. In addition, anyone carrying an AiRISTA Flow Wi-Fi badge tag can receive text-based messages using their badge or send alerts to pre-determined email addresses. The AiRISTA Flow Staff Safety solution may also be used for mass evacuation communications without dependence on outdoor cellular networks.

How Does It Work

The wearable AiRISTA Flow badge tag features a pull-down mechanism that can send a help request. The AiRISTA Flow software takes the tag's help request instantly alerting nearby, pre-designed security teams or police* of the individual's exact location.

The following demonstrates the emergency notification and response process using AiRISTA Flow's Wi-Fi badge tags:

1. Staff are asked to wear rechargeable AiRISTA Flow Wi-Fi badge tags.
2. The badge tag is checked in/out via the web-based software and tied to a person's record or identity.
3. The WLAN AP's receive the badge tag's RF signals and use them to map locations displayed on searchable real-time maps. Line of sight is not needed since the badge uses RF to communicate.
4. If a user's badge tag is pulled down, an alarm is received by the software and then individuals within close proximity, security teams, or other designated authorities receive the help request along with the exact location of the potential victim. This information is displayed directly on their badge tag's LED screen, as a text. For example: "Ms. Johnson, Housekeeping, Room 205. Code Red."
5. In an emergency event, the software can be used to recall the event details including the location of the duress alarm, movement history, and event closure timestamps.
6. Security and third-party police systems* can also be notified of the emergency as it happens and directional instructions may be provided on badge LEDs.

Other Features

AiRISTA Flow's Forensics Replay monitors emergency plan effectiveness by providing second by second replays so that managers can retrace steps and view movement history, post-emergencies.

*Software can integrate with 911 calling solutions