AiRISTA
Location. Insight. Visibility.

Staff Safety Infection Control

Provide Real-Time Hand Hygiene Compliance Reporting

AiRISTA Flow's Hand Hygiene Healthcare™ Solution helps hospitals accurately monitor staff handwashing and disinfection to meet compliance reporting requirements and to reduce the spread of HAIs.

Challenge

Hospital-acquired infections (HAIs) are a serious drain on resources and funds in hospitals and clinics everywhere. According to the CDC there are 1.7M HAIs per year resulting in 99,000 deaths. A single HAI can cost more than $15,000 to treat and is not always reimbursed by payers. Studies show that even a small improvement in hand hygiene could save the lives of many patients every day.

Solution

For a solution to be effective, it must provide:

- ✓ 2-way communication
- ✓ Remote Programming
- ✓ Audible, visual, vibration alerting
- ✓ Rechargeable rack or USB
- ✓ Patient room monitoring
- ✓ Compatibility with existing dispensers

The AiRISTA Flow Hand Hygiene Solution understands work-flow movements and automatically measures hand washing and caregiver-patient interactions. Caregivers wear an AiRISTA Flow RTLS tag and are monitored every time they enter or exit a patient room. Entry and exit events can be correlated to wash-in/wash-out events. The system monitors if the caregiver washed his or her hands if gel or soap is dispensed at a hand sanitizing station.

Result

A simple report is generated with compliance percentages for each caregiver and staff member tracked. The AiRISTA Flow RTLS tag is also able to remind caregivers about hand washing every time they enter a patient room. All Compliance reporting is generated quickly and accurately.

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How it Works

Hand hygiene dispensers are equipped with AiRISTA Flow's detection devices. These devices communicate with personnel badges/tags and positively identify the personnel.

Personnel wearing active WiFi RTLS badges are detected upon entering patients' rooms and are provided with the opportunity to comply with the institutions hand hygiene protocol prior to visiting patients

Personnel's hand hygiene compliance or non-compliance is detected, and each time-stamped event is recorded permanently.

How to get started?

- Bluetooth Low Energy (BLE) beacons are deployed with dispensers
- Floorplans are loaded into the AiRISTA Flow Unified Vision Solution (UVS) platform
- Dispenser locations are positioned on floorplans
- Tags worn by personnel are programmed and distributed to employees
- Canned or custom reports track compliance at group and individual level over specified periods of time

Other Healthcare Solutions

- Asset Tracking
- Temperature and Humidity Monitoring
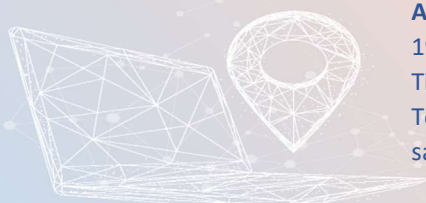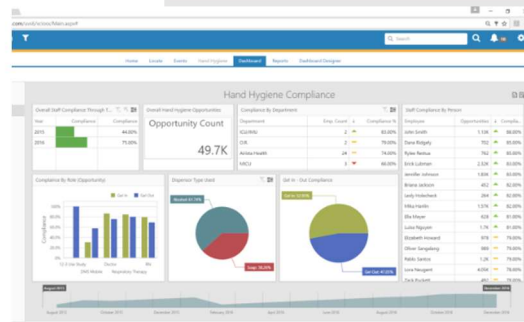- Staff Safety
- Patient Flow Optimization

WHY AiRISTA FLOW

Experts in wireless RTLS for over 10 years, AiRISTA Flow understands elegant solutions.

AiRISTA Flow was awarded #1 vendor in Gartner's Magic Quadrant for BOTH "vision" AND "execution" among RTLS Challengers (2019).

SOLUTION BENEFITS

- An integral part of a risk management program with management reports
- Measureable outcomes
- AiRISTA Flow's sensor is built into the gel or soap dispenser
- Tags pick up signal once gel or soap is dispensed
- AiRISTA Flow tags can be used for multiple purposes for 2-way communication and staff duress
- No need for additional "chokepoints" or "exciters"
- Use existing Wi-Fi infrastructure
- Remotely activated tags mean no need to recall tags for re-programming
- Rechargeable batteries

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