

sofia

An AiRISTA Flow Platform

Location Insights of Critical Resources

Managing Patients, Staff & Equipment in the Moment for Better Preparedness

The *sofia* platform provides location awareness of patients, staff, and equipment across the enterprise as demands change. Easy to use and fast to deploy, the solution works across departments to eliminate silos.

Challenge

Healthcare providers face a double challenge of increased costs and lower reimbursements. As payments shift to quality of care and customer satisfaction, a patient's smooth journey through the healthcare setting increases efficiency and improves patient outcomes. Ensuring a smooth patient journey requires careful orchestration across the delivery system of the resources needed to deliver high quality care.

Solution

The *sofia* platform consists of modules that work together for the thoughtful coordination of resources in the moment:

- ✓ Asset Tracking
- ✓ Patient Flow
- ✓ Staff Workflow
- ✓ * Staff Safety
- ✓ Contact Tracing
- ✓ Wander Management
- ✓ Temperature Monitoring
- ✓ * Hand Hygiene

The *sofia* platform uses wireless tags for patients, staff, and equipment that relay location over existing Wi-Fi infrastructure. Automated alerts allow a real time response to surges and bottlenecks. Reports collect data for flow analysis and continuous process improvement. Ideal for use across the hospital, the platform coordinates staff and equipment to respond to changing patient patterns through the delivery system.

* available as extensions of the platform

Result

Location awareness helps healthcare providers prepare for the unexpected and minimize errors. Patient outcomes improve, staff efficiency increases as well as asset utilization. Initiatives with the greatest impact measure the patient experience across the entire system from admissions, to transfers, to discharge. Insights from the *sofia* platform identify areas for improvement and the metrics to measure continuous process improvement over time.



REAL TIME HEALTHCARE SOLUTIONS

How it Works

Beautiful in its simplicity, the solution consists of tags for patients, staff & equipment and beaconing radio devices secured in each area monitored (e.g. waiting areas, patient rooms, etc.). Beacons relay the location of tags along with a time stamp to the cloud portal. The cloud portal summarizes activity and dwell times in each area. Workflows alert to surges, delays and equipment par levels to help respond in the moment. Reports and dashboards are accessed across devices to identify issues early, show improvement over time, and measure performance for continuous process improvement.

Cloud communication with the tag is 2-way. User definable alerts can be sent to the tag as a patient reminder or notice. And the tag's button allows the user to trigger an event to facilitate process flows.

Optionally, local processing is available in case of Internet loss.



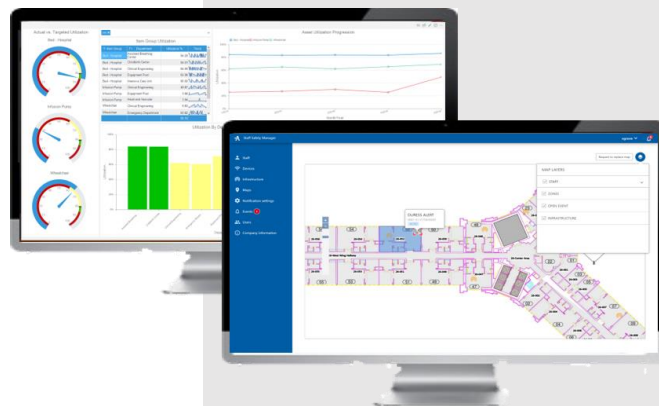
AiRISTA Flow Services

- Consulting
- Onsite deployment
- Training
- Custom reports
- Application integration
- Custom development

WHY AiRISTA FLOW

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

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



SOLUTION BENEFITS

- Fast, affordable, simple to use
- Packaged workflows & dashboards
- Centralized cloud management
- Variety of tags according to user type
- Long lasting battery, field replaceable
- Over-the-air programmable tag configurations
- Simplified deployment models
- GDPR, CCPA, and HIPAA compliant
- Leverage the investment in your WiFi/BLE infrastructure
- Options for location accuracy below 0.5m for bed/bay level accuracy
- Enterprise-wide visibility to patients, staff, and equipment in the moment

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