

Real-Time Location Services Powered by Cloud-Grade Networking

Strength in Partnership

The partnership between AiRISTA and Arista Networks brings together industry-leading RTLS capabilities with high-performance, cloud-native networking infrastructure. Together, we deliver scalable, secure, and highly accurate indoor location solutions for healthcare, manufacturing, education, and more—transforming visibility into actionable intelligence.



Deploy with Confidence. Deliver Results.

- **Use What You Have:** Leverage existing Arista WiFi APs for tracking BLE or WiFi tags.
- **Scale as You Grow:** AiRISTA's platform supports both on-prem and cloud-based deployment.
- **Built for Speed & Scalability:** The solution's open architecture ensures fast implementation and a quicker return on investment.



Why AiRISTA + Arista?

Together, AiRISTA and Arista deliver a robust, enterprise-ready RTLS solution that scales across industries—without sacrificing performance, accuracy, or agility.

- **Enhanced Accuracy and Coverage:** AiRISTA tags communicate directly with Arista APs.
- **Real-Time Location Intelligence:** From staff safety to asset availability and patient flow, the joint solution provides actionable data where and when it's needed.
- **Ecosystem Integration:** AiRISTA's RTLS connects with critical hospital systems (EHRs, CMMS, nurse call) while Arista integrates across the broader enterprise IT stack.

The Power of Integration: AiRISTA + Arista

What Arista Networks Delivers

- Cognitive Wi-Fi Infrastructure: Cloud-managed access points (APs) with built-in BLE radios and telemetry for precise location services.
- CloudVision® Platform: Unified network-wide visibility, automation, and analytics to manage large-scale wireless deployments.

What AiRISTA Adds

- Sofia Platform: AiRISTA's software for indoor location tracking, workflow orchestration, and analytics.
- Tag Technology: BLE-enabled tags for assets, patients, staff, and environmental sensors.
- Rule Based Integrations: A workflow engine that integrates RTLS data with third-party systems like CMMS, nurse call, and EHRs.

DEVICES + INFRASTRUCTURE + SOFIA SOFTWARE PLATFORM = AiRISTA'S CUTTING EDGE SOLUTION



How It Works

AiRISTA's BLE-enabled tags connect directly to Arista access points using Associated Location Protocol (ALP) mode. In this mode, the APs forward real-time location and telemetry data to AiRISTA's Sofia platform for processing and visualization. Sofia doesn't just map movement—it turns location data into actionable intelligence. The platform enables workflow automation, allowing organizations to trigger alerts, optimize staff coordination, manage assets, and streamline operations based on live location insights. Whether you're tracking staff for safety, monitoring asset utilization, or managing patient throughput, AiRISTA + Arista deliver a fully integrated RTLS solution using your existing wireless infrastructure.



Use Cases in Action

Staff Safety

- AiRISTA staff badges with duress buttons can alert responders or other team members in <5 seconds.
- Alerts can be escalated, replayed, or integrated into nurse call and messaging systems.

Asset Tracking

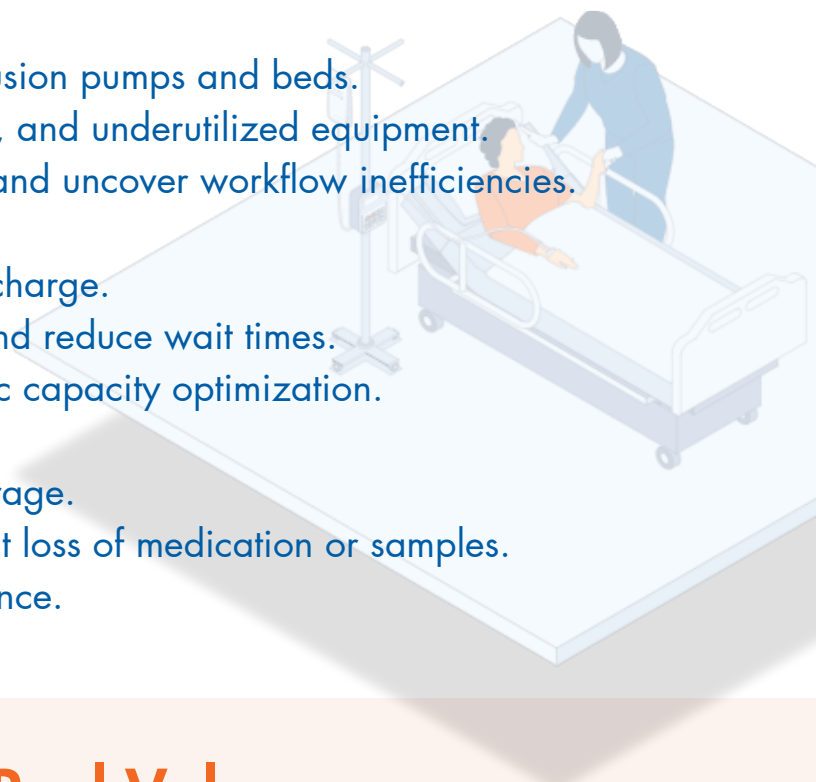
- Real-time visibility of critical assets like infusion pumps and beds.
- Alerting for low par levels, asset hoarding, and underutilized equipment.
- Data analytics help reduce capital spend and uncover workflow inefficiencies.

Patient Flow

- Track patient location from check-in to discharge.
- Identify delays, optimize room turnover, and reduce wait times.
- Combine with bed management for holistic capacity optimization.

Temperature Monitoring

- Sensors placed in refrigerators or cold storage.
- Alerts for temperature deviations to prevent loss of medication or samples.
- Full audit trail supports regulatory compliance.



Real Results. Real Value.

- **60% reduction** in capital asset costs via better asset utilization
- **5–10 second** duress response time improving staff safety culture
- Up to **70% faster** patient room turnover boosting patient satisfaction and reimbursement
- **\$10K+ saved** in one weekend from medication refrigeration alerts

