

Asset Tracking Solution Module

Maximize Asset Utilization & Streamline Operations

Real-Time Visibility. Smarter Resource Management. Improved Efficiency.

In dynamic healthcare environments, efficiently tracking and managing mobile assets is critical to improving utilization and reducing costs. AiRISTA Flow's Sofia Asset Tracking Solution leverages a combination of Wi-Fi and Bluetooth® Low Energy (BLE) technology to provide real-time asset visibility, ensuring the right equipment is available where and when it's needed.

The Challenge: Inefficient Asset Utilization & High Operational Costs

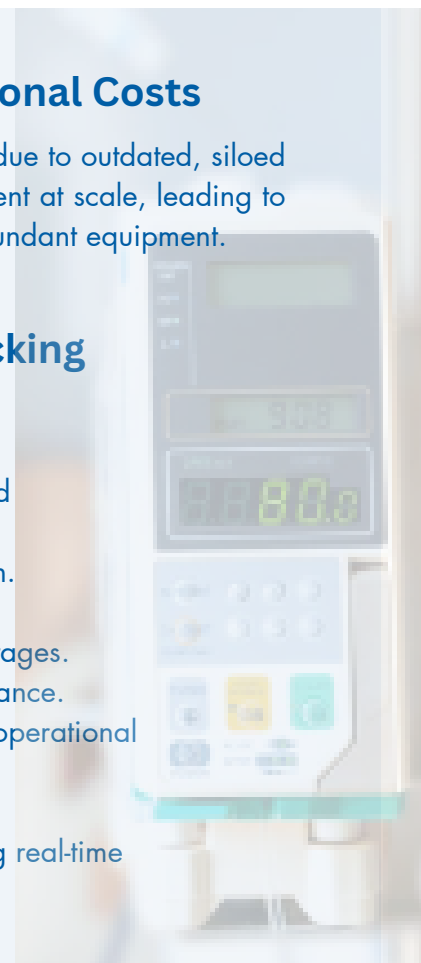
In many healthcare facilities, asset utilization rates remain stagnant at just **35%**, largely due to outdated, siloed tracking methods. Traditional RTLS solutions are often too costly and complex to implement at scale, leading to inefficient asset management, delayed workflows, and unnecessary expenditures on redundant equipment.

The AiRISTA Flow Solution: Simplified, Scalable Asset Tracking

With AiRISTA Flow's Sofia Asset Tracking Solution, organizations can:

- **Eliminate Asset Hoarding** – Motion detection alerts identify underutilized or misplaced equipment.
- **Improve Utilization Rates** – Track asset usage trends and optimize resource allocation.
- **Find Nearest Available Equipment** – Enable staff to quickly locate critical devices.
- **Automate PAR Level Accounting** – Maintain optimal inventory levels and reduce shortages.
- **Streamline Maintenance Workflows** – Track maintenance schedules to ensure compliance.
- **Seamlessly Integrate with Third-Party Systems** – Enhance interoperability for holistic operational insights.

The solution uses BLE tags and pre-labeled beacons installed across the facility, providing real-time asset tracking through an intuitive cloud-based portal.



Result

Managing assets and their locations in real time is fundamental to patient navigation through diverse care settings. Healthcare providers balance patient throughput and capacity management by ensuring the right equipment is available at the right place at the right time. Broad access to cloud-delivered asset tracking results in a balance of resources across previously siloed departments.

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How it Works

- **Rapid Deployment** – Leverage your existing infrastructure or place BLE gateways where necessary.
- **Real-Time Location Tracking** – Tagged assets are continuously monitored via the Sofia private cloud portal.
- **Automated Alerts & Reports** – Customizable rules trigger notifications for events like zone violations and low inventory levels.
- **Data-Driven Insights** – Advanced analytics tools track usage patterns and inform resource allocation strategies.

By breaking down departmental silos, AiRISTA Flow's solution ensures seamless access to asset tracking data across the entire organization, enabling better decision-making and streamlined workflows.



A Critical Component of the Real-Time Health System (RTHS)

AiRISTA Flow's Asset Tracking Solution is part of a broader Real-Time Health System (RTHS) approach—transforming healthcare operations from reactive to predictive and proactive. The Sofia platform's cloud-based portal seamlessly integrates with other enterprise systems via REST and streaming APIs, ensuring a future-proof, scalable solution.



Solution Benefits

- **Fast, Affordable, and Easy to Deploy** – designed for seamless implementation with minimal disruption
- **Pre-Built Workflows & Dashboards** – tailored insights to optimize asset performance
- **Cloud-Based Centralized Management** – access asset data from anywhere, anytime
- **Advanced Analytics & Trend Spotting** – identify bottlenecks and optimize utilization
- **Compact, Durable BLE Tags** – multiple attachment options to suit different asset types
- **Long Battery Life with Field-Replaceable Batteries** – ensures uninterrupted tracking
- **Over-the-Air Tag Configuration** – easily update and customize tracking parameters
- **Leverages Existing Wi-Fi & BLE Infrastructure** – cost-effective scalability for any facility size

AiRISTA is proud to be recognized by Gartner for being in the “Leaders” quadrant in 2022, 2023, and 2024.

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