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PARTNER SOLUTION OVERVIEW

Aruba & STANLEY Healthcare

Asset management, environmental monitoring and people visibility and safety for today's wireless healthcare world

Real-time visibility of human and physical resources is a growing requirement in many organizations as labor and the cost of assets increase. Understanding where people and resources are located, if they are available, and whether they are properly utilized are all critical factors for improving business processes, which can lead to better staff and patient experiences and reduced costs.

In hospitals and healthcare organizations, mobile medical devices, wheelchairs and other equipment often cannot be found when needed or they are poorly utilized, resulting in diminished staff productivity and over-purchasing. In addition, manual environmental monitoring is labor-intensive and prone to human error resulting in high spoilage costs and patient safety risks.

Patient and staff safety is also a growing need as adults and infants may be at risk due to wandering or abduction, and employees often work in isolated locations or situations.

To address these evolving demands, robust Real-Time Location System (RTLS) solutions over a secure wireless network offer the performance, reliability and insights needed to meet these business requirements.

ASSET TRACKING AND TEMPERATURE MONITORING THAT YOU CAN TRUST

Asset Management: In a fast-paced healthcare environment finding what you need in a hurry is a way of life. Centralized tracking takes the guess work out of monitoring your most used resources. Below are a few examples of how RTLS solutions over Aruba Wi-Fi can help:
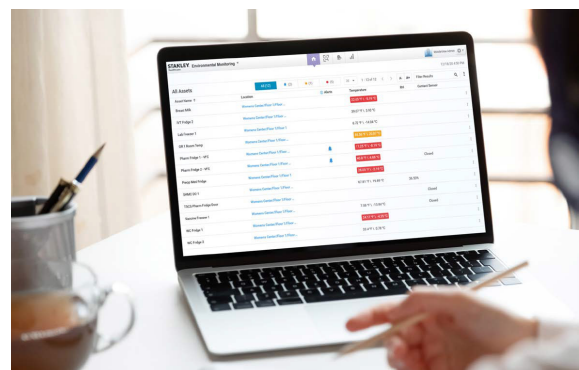
- **Time savings:** Real-time visibility to the location and status of medical devices allows staff to find assets quickly and ensure the right equipment is available for patient care.
- **Resource utilization:** Gain total visibility to where and how each owned or rented asset is used to improve asset allocation and maximize utilization.
- **Reduce capital costs:** Lower costs with real-time inventory visibility, simplifying order fulfillment and shrinkage control to save thousand of dollars annually.

WHY ARUBA AND STANLEY HEALTHCARE

- Improved clinician and patient experiences
- Easy-to-use management capabilities
- Unmatched platform scalability
- Joint interoperability verification for hassle-free deployments
- No special client software required
- Automated map integration with Aruba AirWave

- **Environmental Monitoring:** Temperature sensitive medications, vaccines and supplies need to be stored properly. Using temperature and humidity tags, hospitals can have 24x7 monitoring and real-time alerts to quickly identify unplugged or broken refrigerators and freezers to avoid costly drug spoilage and keep their patients safe.

STANLEY
Healthcare

PATIENT AND STAFF VISIBILITY AND SAFETY

Value-based models tie hospitals' reimbursement to patient safety and satisfaction metrics. Most hospital and IDNs (Integrated Delivery Network) are seeking new and better ways to deliver a positive patient experience while also finding ways to improve staff efficiency and satisfaction. Here are a few examples that highlight how organizations are tackling these problems:

- **Hugs® Infant Protection:** Hugs® protects more than 2 million infants every year in over 1,780 hospitals worldwide, making it the #1 infant protection solution on the market. STANLEY Healthcare offers enterprise-wide infant security system that includes tamper alarms, exit alarms, and out-of-unit alerts that allow staff to respond quickly.
- **Staff Protection:** Whether in the emergency department, mental health or other areas of the hospital, the threat of violence against staff is a constant concern. Caregivers have a portable means to call for help no matter where they are in the hospital, and gives security staff real-time view and of the situation to respond faster.

- **Patient Protection:** Provides hospital-wide protection against patient elopement and wandering, with multi-layer security that includes exit protection and continual supervision.

- **Staff Workflow:** Monitoring the movement of clinical and care staff gives hospitals data-driven insights to help develop more efficient staffing models to improve staff satisfaction and patient experience. Results included:
  - More balanced workloads
  - Visibility into hourly rounding rates
  - More accurate visibility into workflow and workload - Patient satisfaction insights
  - More informed and effective decisions

BETTER TOGETHER

STANLEY Healthcare's enterprise-grade RTLS platform, running over Aruba's wireless infrastructure, provides pinpoint location services for personnel and assets, and troubleshooting assistance that quickly resolve issues. This enables better patient and staff safety, asset utilization, and medication monitoring.

The solution integrates with Aruba Wi-Fi 5 (802.11ac) and Wi-Fi 6 (802.11ax) Access Points. In addition, API integration between STANLEY Healthcare's RTLS platform and Aruba AirWave enables a single set of maps to remain in sync between the two platforms when APs are added, moved, or replaced. This saves the IT team time while also reducing errors caused by out-of-date or incorrect maps.
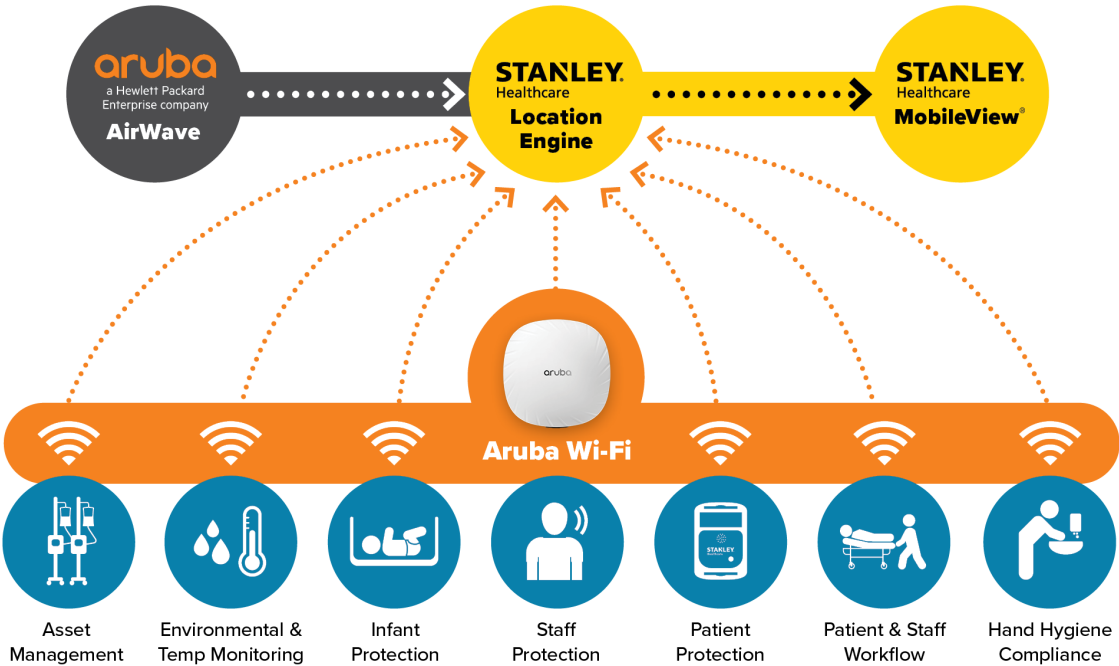
Figure 1: Aruba and STANLEY Healthcare Joint Solution Diagram

CERTIFIED INTEROPERABILITY

We have taken the guesswork out of location services in healthcare by certifying interoperability between the STANLEY Healthcare RTLS platform and Aruba wireless infrastructure. Joint deployments go in faster and are easier to maintain. Should it be needed, joint support escalation ensures STANLEY Healthcare and Aruba will work together to resolve any issues.

SUMMARY

Location services within healthcare take on an entirely new set of challenges. And through the integration efforts of STANLEY Healthcare and Aruba, healthcare systems have access to state-of-the-art design and deployment, professional services, and an unwavering commitment to customer service.

Customer value extends beyond network infrastructure interoperability to a new level of visibility, safety and convenience.

DEPEND ON STANLEY HEALTHCARE

Over 15,000 hospitals and senior living communities rely on STANLEY Healthcare solutions to empower caregivers to deliver better care. STANLEY Healthcare is a part of Stanley Black & Decker and a proud supporter of the Alzheimer's Association®. Learn more at stanleyhealthcare.com.

75 Portsmouth Blvd., Suite #220, Portsmouth, NH 03801

Contact us at www.arubanetworks.com/contact