STANLEY HEALTHCARE AND ARUBA NETWORKS

Asset management and safety monitoring for today's wireless healthcare world

The tracking of human and physical resources is a growing requirement in many organizations as labor and the cost of assets skyrocket. Understanding where people and resources are located, if they are available, and whether they are underutilized are all critical factors for improving business processes.

In hospitals and healthcare organizations, Wi-Fi-enabled medical devices, wheelchairs and other equipment often cannot be found when needed or it is poorly utilized, resulting in diminished staff productivity and over-purchasing.

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

To address these evolving demands, robust real-time location services (RTLS) over a tightly integrated wireless network offer the real-time performance, reliability and coverage needed to meet these new business requirements.

THE HEALTHCARE AND ARUBA ADVANTAGE

STANLEY Healthcare's solutions within the MobileView® enterprise-grade platform, running over Aruba's wireless infrastructure, provide 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.

ASSET TRACKING THAT YOU CAN TRUST

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 services over Aruba Wi-Fi can help:

- **Time savings** – Critical equipment tracking enables a hospital to save time and lives. A customer now spends less than three minutes per shift locating vital-sign monitors versus 128 minutes.

WHY STANLEY HEALTHCARE AND ARUBA NETWORKS

- Improved clinician and patient experiences
- Support for a broad range of use cases
- Easy-to-use management capabilities
- Unmatched platform scalability
- Real-time location, status and asset management over Wi-Fi
- Hugs® Infant Protection System
- Joint interoperability verification for hassle-free deployments
- No special client software required

- **Resource utilization** – To better utilize specialty beds, medical carts and wound vacuums, a busy East Coast hospital deployed RTLS to maximize utilization and thereby reduce their rental expenditures to nearly zero.
- **Tracking of high cost items** – A health system that originally deployed RTLS to monitor 1,000 assets with a combined value of $1.1 million expanded the solution across three facilities for initial results of close to a 99.3% reduction in occurrences of lost items.

PATIENT AND RESIDENT MONITORING THAT DELIVERS

Hospitals and assisted living communities alike experience avoidable circumstances of patients who wander and medications that expire. Workflow and staff efficiency are also common concerns that can be addressed through central monitoring. Here are a few examples that highlight how organizations are tackling these problems:

- **Wander management** – For real-time visibility of where patients are at all times, a customer that previously experienced one to two incidents of elopement per month have not experienced any patient incidents since rolling out RTLS enabled patient wristbands.
- **Hugs® Infant Protection** – Hugs® protects more than 1.5 million infants every year in 1,300 hospitals worldwide, making it the #1 infant protection solution on the market. STANLEY Healthcare offers a comprehensive infant security system that includes tamper alarms, exit alarms, and out-of-unit alerts that allow staff to act quickly.
- **Environmental monitoring** – Refrigerated supplies and medications need to stay cool. Using temperature and humidity tags, hospitals can quickly identify unplugged or broken refrigerators to avoid costly drug spoilage and keep their patient's safe.
- **Workflow monitoring** – Using RTLS to examine workflow and labor demands for more than 120 nurses and technicians, a major hospital was able to base staffing on actual data, driving more efficient staffing decisions while improving patient and staff satisfaction. 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

INDOOR EMERGENCY SERVICES THAT KEEP EMPLOYEES SAFE

Whether in the emergency department, mental health or other areas of the hospital, the threat of violence against staff is a constant concern. The STANLEY Healthcare RoamAlert® system over Wi-Fi is a proven solution for staff duress, enabling caregivers to call for help anywhere and anytime.

- Precise location data – Within a few feet.
- Multiple alarms – Able to activate strobes, sounders, and pagers.
- Multipurpose infrastructure – Extends to support wander management.

SUMMARY

Location services within healthcare take on an entirely new set of challenges. And through the ongoing integration efforts of STANLEY Healthcare and Aruba Networks, 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.

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