



wireless  
networking

active RFID

## Aeroscout RFID Asset Tracking

AeroScout's Healthcare Solutions Suite is the chosen solution for over 50 hospitals around the World. AeroScout offers the unique ability to provide a complete, proven, enterprise-class visibility solution throughout all departments in the hospital.

AeroScout's healthcare solutions include real-time Asset Management, Equipment Maintenance, Temperature Monitoring, Workflow and Resource Management and Patient & Staff Safety solutions. These modular and scalable applications all employ our industry-leading technology and integrate with existing systems – including all major WLAN systems, paging systems and healthcare IT software systems.

All healthcare applications include industry-leading Wi-Fi-based Active RFID tags as well as web-based MobileView software. The complete AeroScout solution suite enables hospitals to:

- **Track** current and historical locations of assets, patients and staff
- **Alert** staff in-real-time to significant events that require attention
- **Manage** valuable assets and people through a single user interface
- **Integrate** location information into existing hospital systems (i.e., EMR, materials management, etc.)

AeroScout solutions serve the needs of clinical staff, IT management, materials management, risk managers, clinical and biomedical engineers, laboratory personnel and others to increase regulatory compliance, increase safety, reduce capital expenditures through effective equipment utilisation, improve processes, increase revenue and enhance patient care.

### AeroScout's suite of healthcare solutions include:

#### **Asset management**

The real-time location tracking solution provides improved utilisation of medical devices, theft prevention and optimised purchase management for capital and operational expense savings, rental management, improved use of staff time, and increased patient care.

#### **Equipment maintenance**

Thousands of assets in hospitals, such as infusion pumps, require preventative maintenance, and Active RFID provides real-time equipment visibility through automated maintenance alerts. The result for biomedical and clinical engineers and the organisation is increased equipment quality, maintenance workflow through reduced equipment search times, improved patient safety and compliance with JCAHO and other regulations.

#### **Temperature monitoring**

Safe temperature ranges for patient test samples, organs, vaccines, drugs, blood bags, food and pharmaceuticals is ensured through an easy-to-deploy automated wireless monitoring and alert system. AeroScout's temperature sensing Wi-Fi tags help hospitals improve patient care, safety, staff efficiency and regulatory compliance.

**Workflow and resource management**

In OR and ER/ED environments, knowing the location and status of physicians, extenders, patients, available beds and key clinical equipment is critical to improving patient care and departmental workflow. Complete visibility throughout the OR and ER/ED can be used to monitor patient waiting room times, track instrument trays, locate staff, improve other processes and increase overall throughput.

**Patient & staff safety**

Patient emergency call button tags can alert staff of an emergency, track patients throughout the hospital, and detect when they enter or exit the facility or enter a restricted area. Alternately, staff can carry call-button tags, which they can press to alert colleagues, upon encountering an emergency (i.e., trauma, Alzheimer, and dementia patients). The result is improved safety for both patients and staff.