Healthcare organizations today face numerous asset tracking challenges—low medical equipment utilization rates, containing medical equipment rental and purchasing costs, complying with regulatory mandates, increasing staff productivity, loss and theft of equipment and more. Wireless technologies such as RFID, Real-Time Location Systems (RTLS), and Wi-Fi have the ability to reshape the way healthcare organizations operate. Knowing an asset’s location, status movement and access rights are paramount to achieving operational and fiscal efficiency. AeroScout solutions provide visibility into the location, status, and condition of assets as well as patients and staff throughout all departments in the hospital. AeroScout is the chosen solution for many leading hospitals around the world and provides the only Wi-Fi location solution endorsed by the American Hospital Association (AHA). At the same time, hospitals can count on Motorola Solutions for their Wi-Fi 802.11a/b/g/n wireless LANs to deliver highly reliable and cost effective wireless connectivity throughout their healthcare facility.
REAL-TIME VISIBILITY OF ASSETS, PATIENTS AND STAFF THROUGHOUT YOUR HOSPITAL

Over the past several years there has been an increased adoption of RTLS and RFID within the Health System. More and more hospitals choose to start with temperature monitoring and asset tracking; however the more advanced hospitals are also using RTLS for more innovative solutions such as to track the location, cleaning and maintenance of its moveable medical equipment. This enables nurses to locate critical equipment, like crash carts, more readily, and thus have greater work efficiency and satisfaction since the tools they need for treating patients can be easily accessed.

AeroScout Unified Asset Visibility solutions utilize the power of Motorola’s Wi-Fi networks to provide significant business benefits through Real-Time Location, Active RFID, sensors and telemetry. With Motorola’s unrivaled indoor and outdoor access points and wireless network solutions, healthcare facilities can now locate and track items with AeroScout tags and software without adding additional network hardware. This joint solution enables low-cost, highly reliable location-based applications.

MOTOROLA SOLUTIONS AND AEROSCOUT FOR HEALTHCARE

AeroScout solutions serve the needs of clinical staff, IT management, materials management, clinical and biomedical engineers, and other personnel. AeroScout’s healthcare RFID solutions include real-time Asset Management, Equipment Maintenance, Humidity & Temperature Monitoring, Patient Flow, and Patient & Staff Safety. These applications all employ AeroScout’s industry-leading MobileView Software, an enterprise software layer that gives healthcare facilities asset visibility solutions in a single, unified platform.

The Motorola WLAN access points act as “readers,” receiving all AeroScout tag transmissions and forwarding them to a location engine which determines accurate location. This allows hospitals to use their existing Wi-Fi network for real-time visibility solutions. The Motorola WiNG 5 WLAN architecture is a solution designed for 802.11n networking. It leverages the best aspects of independent and dependent architectures to create a smart network that meets the connectivity, quality and security needs of next generation healthcare. Motorola’s distributed architecture extends QoS, security and mobility services to the APs so you get better direct routing and network resilience for your RFID/RTLS solution. That means no bottleneck at the wireless controller. And with our broad selection of access points and flexible network configurations, you get the network you need with less hardware to buy.

As technology partners, AeroScout and Motorola have jointly conducted interoperability testing in their respective test labs; to ensure our healthcare customers will experience a superior technology and trouble-free interoperability and scalability. In addition, Motorola and AeroScout can provide our joint customers the necessary documents for a seamless deployment and installation.

Hospital Benefits:

- Utilize the power of Wi-Fi networks to provide significant business benefits through Real-Time Location, Active RFID, sensors and telemetry.
- Motorola’s distributed architecture extends QoS, security and mobility services to the APs so you get better direct routing and network resilience for your RTLS data flow.
ABOUT MOTOROLA SOLUTIONS
Motorola Solutions is a leading provider of mission-critical communication products and services for enterprise and government customers. Through leading-edge innovation and communications technology, it is a global leader that enables its customers to be their best in the moments that matter. To learn more, visit www.motorolasolutions.com/healthcare

ABOUT AEROSCOUT
AeroScout is the global market leader in Unified Asset Visibility solutions. Customers improve operational efficiency using AeroScout products that leverage standard Wi-Fi networks to track and manage the location, condition and status of mobile assets and people. AeroScout’s customer base consists of leading hospital, manufacturing, mining and logistics organizations, including many of the Fortune 500. The company invented the first Wi-Fi-based Active RFID tag, and today is widely recognized as leading the market in number of deployments. Headquartered in Redwood City, California, AeroScout has offices in Europe, the Middle East, Asia, Australia and Latin America. For more information, please visit www.aeroscout.com

For more information on wireless LAN solutions, please visit: www.motorola.com/wlan