



EXECUTIVE SUMMARY

When hospitals aren't able to locate equipment, they are forced to over-provision and hold replacement devices as reserves, causing high annual spending and leaving many devices underutilized. To reduce costs and maximize efficiency, healthcare organizations require a holistic view of the flow of patients, staff, and mobile equipment in real-time. They need technology that allows them to locate expensive biomedical equipment, control bed management, track the flow of patients through the facility, and monitor their employees' time. Cisco and GE Healthcare are collaborating to integrate the GE AgileTrac™ platform with the Cisco® Unified Wireless Network and Cisco Context-Aware Software. This integration converges location information about Wi-Fi clients, tags, and wired devices with proprietary real-time location system technologies (RTLS), creating the industry's broadest tracking solution.

Partner Designation

- Cisco Developer Network Member

Associated Cisco Solutions

- Cisco Unified Wireless Network
- Cisco 3300 Series Mobility Services Engine
- Cisco Context-Aware Software

Customer Benefits

- Expands visibility into the movement of hospital assets, staff and patients
- Improves patient care with timely, efficient procedures and traffic flow
- Improves caregiver productivity by eliminating time spent search for assets
- Helps lower cost by integrating Wi-Fi and proprietary RTLS location technologies.
- Reduces new bio-medical equipment acquisition and rental while better utilizing current equipment.
- Optimizes the ROI of wireless LAN infrastructure and minimize additional investment in additional overlay wireless networks

Targeted Industries

- Healthcare

Geographical Regions Served

- Global

GE Healthcare AgileTrac Platform with Cisco Unified Wireless Network and Wi-Fi Location

Company Overview

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solution services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to create the global policy changes necessary to implement a successful shift to sustainable healthcare systems.

Our "healthymagination" vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access, and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE), Worldwide. GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at: <http://www.gehealthcare.com>.

For our latest news, please visit: <http://newsroom.gehealthcare.com>

Partner Solution Description

Cisco and GE Healthcare have joined forces to help hospitals improve the quality of patient care, increase efficiency, and control costs by enabling them to better manage the flow of patients, staff, and equipment.

GE Healthcare



Through this collaboration, hospitals will now be able to deploy GE's AgileTrac™ platform integrated with the Cisco Unified Wireless Network, supporting location tracking of patients, staff, and equipment across the industry's most diverse set of network technologies. This tested and validated joint solution unifies the Cisco Context-Aware Software for tracking Wi-Fi-enabled assets, clients, and tags, and proprietary real-time location system technologies (RTLS), all on the AgileTrac platform.

Core Components of the Partner Solution

· GE AgileTrac Healthcare Solutions

GE Healthcare's AgileTrac software is a family of products that delivers all the functionality required to control the flow of patient care throughout a healthcare organization. The platform automates asset management, bed management, transport management, and discharge planning, as well as department-specific modules for surgical services and the emergency department.

· Cisco Unified Wireless Network

The Cisco Unified Wireless Network allows healthcare organizations to confidently deploy mobile applications and services such as electronic health records, decision support, e-prescribing, and e-research. In addition, the Cisco Unified Wireless Network provides the wireless foundation needed to deploy mobile care applications and location-aware services. With the Unified Wireless Network, mobile caregivers can access information and order services from wherever they happen to be, using notebook computers, tablet PCs, wireless IP phones, and new dual-mode phones, which can connect over either the hospital's Wi-Fi network or cellular networks.

· The Cisco 3300 Series Mobility Services Engine (MSE)

The Cisco Mobility Services Engine (MSE) is an appliance-based platform, delivering mobility services in a centralized and scalable fashion. The Mobility Services Engine's open API enables a broad partner ecosystem for developing industry-relevant applications and services.

· Cisco Context-Aware Software

The Context-Aware Software allows hospitals to improve clinical processes with real-time resource location information, whether it is medical equipment, patients, or staff. Cisco Context-Aware Software uses your Cisco wireless LAN infrastructure to track Wi-Fi-enabled devices or clients, and supports a wide range of Wi-Fi tags.

Related Cisco Products

- [Cisco Unified Wireless Network](#)
- [Cisco 3300 Series Mobility Services Engine](#)
- [Cisco Context-Aware Software](#)

Related Partner Information

- **White Paper:** [Inventory Creep: Don't Regret Your Next Capital Refresh](#)
- **White Paper:** [Wasting Away: The Quality, Safety and Financial Case for Asset Optimization](#)
- **White Paper:** [Bon Secours Saves \\$2 Million Annually](#)
- **White Paper:** [Fund Strategic Growth from Current Assets: Utilizing the Asset Management Framework](#)

For More Information

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