

Cisco Mobility for Healthcare: The Robust Wireless Network that Improves Patient Care



Mobility is transforming healthcare. Physicians and medical staff need to access medical systems on their mobile devices to view x-rays, radiology, and MRI images at a patient's bedside. Today's medical staff require up-to-the-minute patient health status, often from Wi-Fi-enabled medical devices, using wireless tablets or laptops. At the same time, patients and guests expect ubiquitous connectivity for all of their applications, streaming services, and devices—from their beds or the waiting room.

To meet these new standards, Cisco is helping healthcare organizations deploy robust, highly secure Wi-Fi that improves staff productivity and patient satisfaction. Cisco® Mobility Solutions for Healthcare enable you to offer an always-on wireless network that helps improve care while providing all patients and guests with reliable Wi-Fi.

Cisco starts with industry-leading [Cisco Unified Access™](#) and adds intelligent, innovative healthcare mobility solutions that help improve patient care across the medical campus.

Reliable, Always-On Connectivity

By deploying reliable, highly secure Wi-Fi, you can connect physicians and staff to the information they need, the moment they need it. This includes access to bandwidth-intensive applications, such as medical imaging for radiology and cardiology, right at the patient's bedside.

With Cisco Mobility Solutions for Healthcare, physicians, staff, and caregivers have robust connectivity regardless of their location. Identify high-congestion areas and throttle bandwidth as needed to best serve patients.

Cisco offers centralized policy and management to provide uniform and secure connectivity across the medical campus with faster resolution of wireless issues.

Medical Staff Optimization

Cisco Mobility Solutions for Healthcare help improve medical staff workflows and productivity. Caregivers can get real-time patient updates and prescription notifications. With Wi-Fi-enabled devices such as IV pumps and other monitoring equipment, physicians can get up-to-the-minute patient health status.

[Cisco Connected Mobile Experiences \(CMX\)](#) gathers valuable real-time location analytics to help staff locate medical equipment, speeding patient treatment and optimizing asset expense. [Cisco Identity Services Engine](#) helps protect patient privacy by separating health information from guests to meet HIPAA regulations.

Patient Satisfaction

Robust Wi-Fi can help you improve patient satisfaction scores and maintain reimbursement rates tied to those scores. New mobility-enabled services, such as mobile check-in, can shorten wait time. You can even use mobility to interact directly with patients upon check-out to improve patient experiences.

“Now that the right infrastructure is in place, the sky’s the limit for what we can offer staff and patients.”*

Jon Skelly, *Roper St. Francis*

Cisco Mobility for Healthcare Benefits

Cisco Mobility for Healthcare provides reliable, robust, always-on connectivity to improve the efficiency of medical staff and patient satisfaction. It allows you to:

- **Provide highly reliable connectivity** for medical applications and devices.
- **Deliver robust wireless communication** to staff regardless of their location in the medical campus.
- **Prioritize high-bandwidth applications** to wirelessly view medical files, such as radiology/cardiology and MRI images, right at a patient’s bedside.
- **Get up-to-the-minute patient health status** through portable Wi-Fi-enabled devices.
- **Offer patients** and visitors the ability to quickly navigate through the campus, reducing confusion and improving the consumer experience.
- **Protect patient privacy and data security** by separating health information from guests to comply with HIPAA requirements.
- **Identify high-congestion areas** and locate medical equipment to speed patient treatment.
- **Deliver real-time notifications** to patients, staff, and visitors, such as when procedures will begin or when prescriptions are ready.
- **Protect privacy and the business** by quickly identifying any questionable devices on the network.
- **Offer mobile check-in** and improve waiting time using proximity and mobile applications.
- **Improve patient satisfaction scores** and associated reimbursements by enabling patients and visitors to enjoy consistent Wi-Fi.

Cisco Mobility for Healthcare Solutions

Cisco offers solutions for a range of healthcare organizations, from small physician offices to the world’s largest hospital systems:

- [Cisco Wireless](#) is a comprehensive and customizable Wi-Fi foundation to support high-bandwidth medical applications as well as patient access campus-wide.
- [Cisco Mobility Express](#) is a simple, low-cost solution that delivers advanced performance and functionality for small to medium-sized healthcare centers.
- [Cisco Connected Mobile Experiences](#) is a location solution that powers real-time analytics and delivers relevant physician, staff, patient, and visitor engagement.
- [Cisco Services](#) help you plan, deploy, and manage the Wi-Fi foundation for exemplary health care.

Cisco helps you provide the robust Wi-Fi medical staff require while supporting enhanced patient engagement and real-time analytics to help work more efficiently, improve patient care, and build patient satisfaction.

Next Steps

With more than 30 years in networking leadership, Cisco has the expertise, cost-effectiveness, and customer satisfaction to transform your healthcare organization. To discuss Cisco solutions, contact Cisco or your Cisco partner representative.

For More Information

To learn more, visit the [Cisco Healthcare Mobility page](#).

**Positioning for the Future of Healthcare*, Cisco, 2015. cisco.com/c/dam/en/us/products/collateral/servers-unified-computing/ucs-b200-m3-blade-server/rsf-voc-case-study.pdf