Leveraging Mobility to Improve Patient Care

Redefining clinical collaboration, patient experience, and operational excellence

Many healthcare organizations are experiencing a dramatic rise in the number of medical and mobile devices connected to their wireless networks—and many of these networks were never designed to support such an increase in traffic.

To help meet this challenge, Apple and Cisco have collaborated to bring to market jointly developed capabilities targeted at optimizing the user experience when running iOS and iPadOS apps, such as:

- **Wi-Fi optimization for Apple devices.** iPhone and iPad devices connect to Cisco enterprise wireless networks, intelligently choosing the right access points, especially when roaming, to deliver high performance.

- **Prioritized apps with Cisco Fast lane.** Business-critical iOS, iPadOS, and macOS apps are given network bandwidth priority through easy-to-manage quality of service (QoS) settings.

- **Cisco Wi-Fi analytics for iOS.** iOS and iPadOS devices report their “view from the ground,” including signal levels detected before joining the network and reasons for dissociation, to assist in diagnosing connectivity issues.

These capabilities are available as a standard software upgrade to existing Cisco wireless networks.

**Benefits**

- **Improve quality of care and increase patient satisfaction** by giving caregivers better visibility and easier access to patient information via apps on their Apple devices.

- **Boost clinical staff productivity** through frictionless collaboration and improved workflow to reduce inefficiencies and provide more time for patient care.

- **Optimize hospital operations** with enhanced roaming, network connectivity, and performance of apps on Apple devices.

- **Reduce operational costs** by eliminating the network performance problems that can interfere with optimizing alarms and alerts, patient record updates, and caregiver collaboration.
Driving digital transformation in healthcare through mobility solutions

Mobile technology is playing a decisive role in digitization, reshaping the healthcare industry and changing how care is delivered and received. There are many examples where capabilities jointly developed by Apple and Cisco are supporting effective healthcare deployments:

- **Giving caregivers the right tools at the right time.** Nurses can replace their tool belt of multiple single-purpose devices with a single iPhone or iPad with the right clinical apps. This gives them quick and efficient access to the clinical information they need and enables them to spend more quality time with their patients.

- **Improving guest wireless experiences.** Even with the influx of medical and mobile devices connected to the wireless network, guest iPhone and iPad devices are still allowed to connect, while Cisco Fast lane helps ensure that care team apps and devices are given prioritized network bandwidth.

- **Freeing time for strategic projects related to caregiving.** A reduction in network connectivity issues translates into IT spending less time responding to support tickets and more time working on strategic projects targeted at improving clinical care.

- **Enabling telemedicine to bring clinical care into the home.** iPad and iPhone devices are also being deployed in the home, where they run collaboration apps such as Cisco Jabber®. This enables care staff to remotely monitor patients while also being available 24/7 to answer patient questions.

Simply put, mobile strategies require rock-solid connections between the mobile device and the network to be successful. This is where the power of the Apple-Cisco partnership comes in. Apple and Cisco help the world’s leading mobile devices work better than ever before on the world’s leading wireless networks—providing the foundation that enables digital transformation and better healthcare.

Leveraging mobility in healthcare

The healthcare industry is embracing mobility and digital transformation, with the objective of improving the quality of patient care. Apple and Cisco are collaborating at the forefront of this transformation. As global leaders in mobility and networking, they have joined forces to improve how iPad and iPhone devices operate on Cisco wireless networks.

Learn more at [cisco.com/go/apple](https://cisco.com/go/apple).