SECURE MOBILITY FOR TODAYS #GENMOBILE HEALTHCARE

A meaningful experience for every patient

INTRODUCTION

Mobility is transforming healthcare in a positive way. As hospitals and clinics evolve to meet the growing demand for personalized patient care, IT holds the key to delivering a greatly enhanced mobile experience that clinicians, patients and their families can trust.

New and Innovative technology not only improves the quality, safety and efficiency of patient care but creates an opportunity to deliver new and faster services that everyone can rely on.

- Clinicians can collaborate with each other and patients from anywhere.
- Patients can stay connected with family and friends through social media apps.
- Visitors can stay plugged into what's going on at home and at work.

Aruba Networks® gives IT organizations the ability to deploy fast, secure and reliable wireless and wired services that adapt to today's growing mobile healthcare needs. Unique visibility, policy management and strong security capabilities also ensure HIPAA compliance and reporting requirements are met.

WIRELESS THAT WON'T SLOW YOU DOWN

As the industry evolves toward using a greater number of Wi-Fi-enabled medical devices – as well as applications designed to run on tablets and smartphones – a reliable, high-performance wireless infrastructure is required.

Aruba can connect more devices and apps at gigabit speeds in highly dense Wi-Fi environments. Our 802.11ac APs feature a unique hardware and software design that offers faster speed and improves the mobility experience – even for 802.11n and medical devices still running 802.11g.

The next-generation application firewall automatically prioritizes life-critical hospital traffic and latency-sensitive mutlimedia apps.
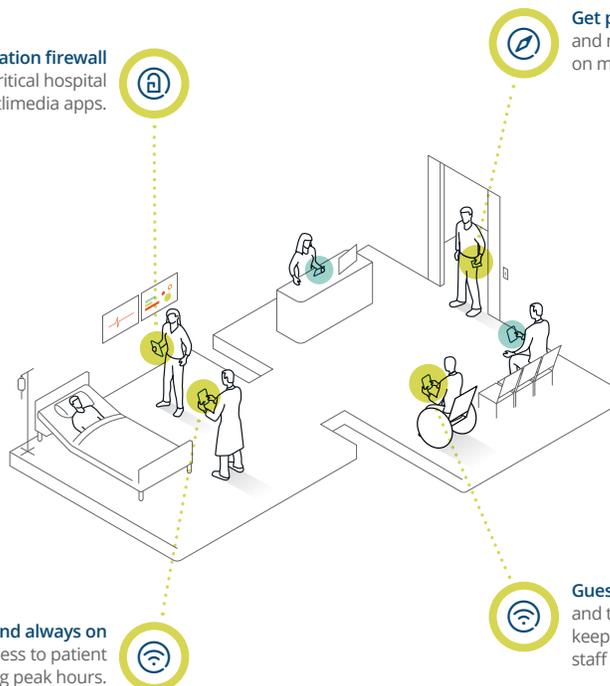
Get personalized push notifications and maps with turn-by-turn directions on mobile devices.

Wi-Fi is reliable and always on like a utility and offers fast access to patient records, even during peak hours.

Guest Wi-Fi that makes it easy for patients and their families to stay connected while keeping visitor traffic separate from medica staff traffic.

Healthcare Solution Diagram

THE ARUBA HEALTHCARE SOLUTION

Aruba mobility solutions for healthcare adapt to patient-care requirements and enable the rapid adoption of mobility-centric unified communications, healthcare apps, and Wi-Fi-enabled medical devices. With Aruba, you get:

- An always-on wireless infrastructure that treats Wi-Fi as a utility.
- Automated device onboarding and user self-service to offload IT.
- Mobile apps that provide indoor location services and personal notifications.
- Support for a broad ecosystem of medical devices and healthcare apps.
- Secure access for remote clinics, home offices and mobile healthcare services.

WI-FI AS A UTILITY

- AppRF™ technology provides airtime fairness to prioritize data, voice and video apps in real time. This ensures that patient data, nurse paging, voice and imaging tools are always responsive and accessible.
- Patented ClientMatch™ technology keeps users and apps connected reliably without interruption. Mobile devices always connect to the best AP to ensure the fastest possible data rates as users roam.
- AirWave™ network management tracks the application and device experience for individual users and identifies connectivity issues and performance problems for fast resolution.

AUTOMATED ONBOARDING AND USER SELF-SERVICE

- Self-service BYOD makes it easy for physicians, nurses and staff securely onboard their own devices for use on your healthcare network. Differentiated access privileges for users and devices ensure that data stays protected.
- Offer a custom-branded guest portal where patients and visitors self-register for Internet access. Guest traffic stays separate from other traffic to satisfy compliance requirements.

LOCATION-AWARE INDOOR MOBILE APPS

- Turn-by-turn directions show the way to clinical appointments, hospital services and other onsite amenities using location-aware indoor mobile apps.
- Personalized push notifications keep everyone on schedule. Notify patients when prescriptions are ready and send appointment reminders.
- Easy integration with staff directories, medical notices and social media keeps staff, patient sand visitors up to date.

HEALTHCARE FROM ANYWHERE MADE EASY

- Securely extend healthcare Wi-Fi networks and wireless services to remote clinics, home offices, and mobile locations.
- Remote Wi-Fi deployments are secure and simple. Physicians, nurses and other healthcare staffers can get up and running instantly over Wi-Fi with onsite IT assistance.

AN EXTENSIVE HEALTHCARE ECOSYSTEM

- Healthcare suppliers like Cerner, Philips, Epic, Voalte, Baxter and AeroScout rely on fast, reliable Wi-Fi for their applications to work. Aruba security, high-performance and reliability capabilities ensure that medical devices and apps always perform optimally.

SUMMARY

With Aruba, healthcare organizations have an opportunity to deliver clinical-grade Wi-Fi and rightsize networks by focusing investments on today's wireless-driven healthcare and patient services. The result is a secure and personalized Wi-Fi experience that everyone can count on.

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