

Healthcare is Going Mobile-First

Hospitals around the world are embracing mobility. Electronic health records delivered on tablets, health telemetry through wearables, and voice communication via smartphones streamline clinician workflow and improve overall patient satisfaction. However, this increase in mobile usage also brings challenges around coverage, network access, and device security.



CHALLENGES

Mobile Clinician Workflow

73%
of clinicians say mobile enables faster, more flexible workflows ¹

89%
of physicians report that they use smartphones and tablets to communicate with staff ²

2x
Mobile EHR users are twice as satisfied as non-mobile users ³

SOLUTIONS TO THIS CHALLENGE



ARUBA CAMPUS NETWORK



ARUBA CLEARPASS POLICY MANAGEMENT

Boost Patient Satisfaction

80%
of businesses say guests expect free Wi-Fi ⁴



\$200k
a year in clinician time giving patients in-hospital directions ⁵

SOLUTIONS TO THIS CHALLENGE



ARUBA CAMPUS NETWORK



ARUBA CLEARPASS POLICY MANAGEMENT



ARUBA MOBILE ENGAGEMENT

Connect Thousands of Medical Devices, Securely

7m+
HIPAA VIOLATIONS: over 7 million patient records exposed since 2010 due to hacking or unauthorized access ⁶

2.5m
Over 2.5 million clinicians in the U.S. average of 3 devices per clinician ⁷

914k
hospital beds in the U.S. ⁸
15-20 medical devices per bed ⁹

SOLUTIONS TO THIS CHALLENGE



ARUBA CAMPUS NETWORK



ARUBA CLEARPASS POLICY MANAGEMENT

SOLUTIONS



Aruba Campus Network



802.11ac wireless and multi-gig switching for superb network performance



Simple to manage for small clinics; scales to the largest hospitals



ClientMatch maximizes performance for older, current, and future devices



AirWave gives 20/20 visibility into network health, RF, and app performance



Aruba ClearPass Policy Management



User, role, and device driven secure connections



Works across any multi-vendor network



First-class guest Wi-Fi experience with home-like simplicity



Intuitive, self-service onboarding workflows



Aruba Mobile Engagement



Aruba Beacons help patients with indoor turn-by-turn directions



Engage visitors with location-based content using the Meridian App platform



Scale beacon deployments over any Wi-Fi with the Aruba Sensor



Rich SDK options for custom app development

To see how to implement a mobile-first healthcare network, visit www.arubanetworks.com/solutions/healthcare



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