



## ARUBA **MOVE** FOR HEALTHCARE delivered by Integrated Technical Services

Aruba's Mobile Virtual Enterprise (MOVE™) architecture is uniquely designed to deliver reliable mobile network access throughout the healthcare system, thereby improving care quality and ensuring safety. MOVE uniquely consolidates network and security services required for Wi-Fi, wired, remote and outdoor access to RightSize IT spend and effort. The resulting network reliably serves clinical staff and patients on wide variety of devices including smartphones, tablets and networked medical equipment.

**MOVE** allows healthcare IT to deliver mobility as a utility, for example:

- **Mobile Hospital:** with pervasive Wi-Fi & wired access for clinical communications including multimedia and medical device connectivity, as well as visitor internet access
- **Mobility-enabled Care Delivery:** that utilizes point-of-care access within and outside the hospital to administer medication, enable video medical interpretation, & track assets.
- **Regulatory Compliance:** by leveraging the same network infrastructure for PCI compliance and video surveillance

### MOVE APPLICATIONS

- **Clinical Communications:** Reliable Wi-Fi coverage that automatically adapts to interference and congestion for consistent data, voice & video communications for a mix of device-types
- **Bring Your Own Device:** Secure, manage and control clinician-owned mobile devices using Mobile Device Access control (MDAC) at no incremental IT expense.
- **Network Rightsizing:** Cut costs and improve access for mobile devices by reducing the size of Ethernet Access deployments with near-gigabit Wi-Fi coverage.

- **Guest Access:** Controlled visitor Wi-Fi access with simple bandwidth/access restrictions, comprehensive logs and the ability for visitors to self-register.
- **Medical Device Connectivity:** Reliable Wi-Fi &
- **Hospital Extension**
- **Location Services:** Track assets and people over the same Wi-Fi network used for other communications services. Integrates with 3rd Party location applications (Ekahau, Aeroscout)
- **Video Surveillance:** Eliminate cabling and trenching costs for video surveillance with a video-optimized wi-fi mesh extension - indoors and outdoors.

### MOVE COMPONENTS

Network Access On-Ramps:

- 802.11n Wi-Fi Access Points with near gigabit capacity
- Mobility Access Switch to provide PoE & unified wired + wireless
- Remote Access Points & Branch Controllers to extend corporate networks to remote locations, including secure WAN connections
- Instant Access Points that utilize a virtual controller to affordably add Wi-Fi as an overlay in existing remote site networks
- VIA, a smart VPN client to extend the same network and security policies on laptops/devices when on-the-road
- Outdoor Mesh routers that extend high-speed connectivity in hard-to-wire areas, for video surveillance as an example

**Unified Mobility-Centric Security, Network and Management Services** delivered through centralized Aruba's Mobility controllers and AirWave

### DIFFERENTIATION

Wi-Fi Network that is Optimized for voice, high-definition video, and medical device





communications for effective clinical collaboration and patient care;

- Serves 40 channels of video over Wi-Fi per radio
- Meets the stringent performance requirements for medical device communications (WelchAllyn)
- Provides 200% increased throughput in dense settings
- Easily extends hospital network services, including Electronic Medical Records, to remote clinics and physicians' offices at half the cost of traditional solutions.
- Simplifies mobility operations with single point of visibility and control across multi-vendor wired, remote and wireless networks.
- Consolidate multiple infrastructure devices like firewalls, AAA servers, NAC, Ethernet switches, VPN concentrators, location appliances & management applications into an integrated Aruba solution that unifies security and access policies across wired, wireless, branch and VPN networks while minimizing opex.

### **ARUBA DELIVERS A MEDICAL GRADE SOLUTION**

- Universal wired/Wi-Fi Guest Connectivity
- Mobile Device Access Control
- Virtual Controller Option for branch Wi-Fi remote
- Role-based Policy for wired, Wi-Fi & Remote
- Purpose-built Remote Access Points
- Video-grade Mesh Routers
- Multimedia-Grade Wi-Fi to fingerprint and prioritize Facetime, MS Lync, MVS
- Dynamic VPN client for Win and MAC OS
- Reliable RF by load balancing clients across AP, band, channel, & airtime
- Multivendor wired & wireless mgmt

### **ARUBA'S HEALTHCARE VALUE PROPOSITION**

A new class of mobile devices such as the iPad is the reason why many of our

healthcare customers are adding Wi-Fi capacity. We have actually enhanced our WLAN to specifically secure and support such devices. Additionally, just as KPMG, Microsoft and many others did, you can RightSize your network to open funds for wireless LANs. The savings from rightsizing exceed the cost of acquiring, installing and managing a pervasive wireless LAN.

A majority of Aruba's healthcare customers are successfully incorporating the iPad and other converged devices, into their clinical environment. Aruba's Mobile Device Access Control (MDAC) solution that comprises of a high-speed WLAN, device registration and management systems allows IT to control smartphones and tablets. With this solution you can automate configuration, provide device-specific security roles and get a device inventory.

Aruba's MOVE architecture with integrated wired and wireless solutions help you consolidate various network devices and simplify your network in addition to lowering support and maintenance costs. With MOVE you can consolidate firewalls, AAA servers, NAC, Ethernet switches, VPN concentrators, location appliances & management applications into an integrated Aruba solution with unified security and access policies across wired, wireless, branch and VPN networks.

Aruba's VBN solution allows hospitals to extend hospital services (EMR, Voice, Video, Directory Services and Security policies) to remote facilities at 50% the cost of traditional solutions

Aruba has over 1,000 hospitals running their EMR applications over Aruba. This includes Cerner, McKesson, Epic, Meditech, Siemens and others.

### **INTEGRATED TECHNICAL SERVICES**

**Advanced engineering and consulting. Practical results.**

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