



Aruba's Enterprise WLAN Solution

Enterprise wireless LANs provide pervasive Wi-Fi coverage across a global enterprise network delivering consistent, secure access to mobile devices anywhere at any time to employees, contractors and guests. Aruba's follow-me connectivity, identity-based access and application continuity services enable users to securely access business applications and collaborate with co-workers or clients anywhere in the world.

Aruba's secure mobility architecture enables wireless networks to match wired connections in terms of performance, assured application delivery and security, while offering the mobility, productivity, and life-cycle cost benefits that come from a wire-free network.

How Aruba Enables Enterprise WLANs

Aruba's user-centric network architecture represents a new approach to evolving enterprise networks from fixed, port-based designs to secure, identity-based mobility. Aruba delivers follow-me connectivity for continuous wireless access and application continuity services for a common user experience whether in headquarters, branch offices, home offices or any temporary location. Aruba's user-centric architecture comprises a secure overlay that spans the LAN, the WAN and the Internet, creating a global mobility domain that is scalable, multi-service, intelligently

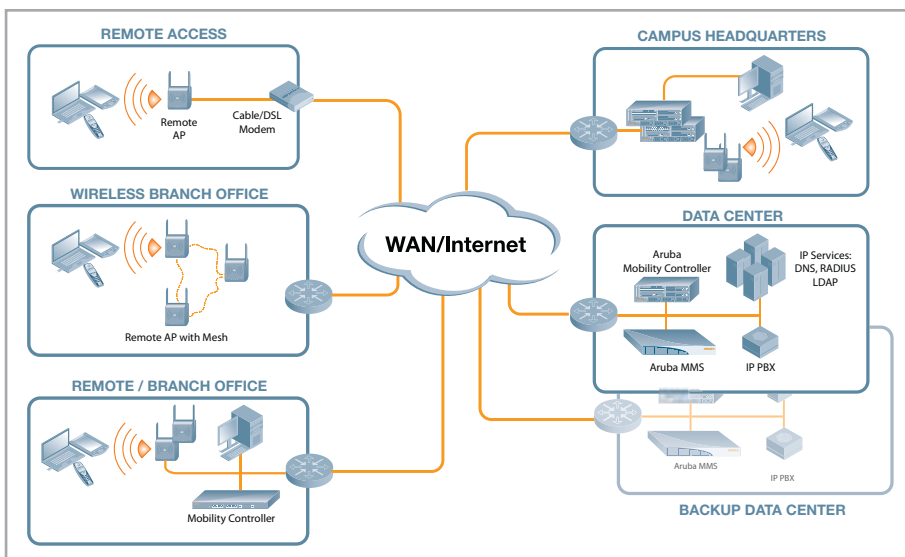
managed, and integrated with existing security infrastructure.

HIGH AVAILABILITY WLAN

Aruba's user-centric network architecture ensures the reliable delivery of applications over wireless through patented RF management technology. Adaptive radio and interference management make the best use of available radio channels to provide a clear path for signaling. Per-user air-time bandwidth control adjusts available bandwidth on a packet-rate

Benefits:

- Secure follow-me connectivity provides access anywhere users roam
- Advanced connectivity options overlay existing network
- Centralized management
- Application continuity services and application-awareness assure service delivery
- Robust WLANs offer scalability and high availability



and air-time basis to prevent slow clients from consuming too much channel time. To make sure that local congestion doesn't affect performance, the architecture features automatic load balancing to redistribute the workload across access points.

BUSINESS CONTINUITY

Complete wireless coverage across an enterprise campus already offers significant benefits, but those benefits become exceptional when access is extended to remote offices, home offices, temporary offices and telecommuters. Aruba makes it simple to turn up new offices automatically, without deploying expensive IT resources remotely. Even home users or telecommuters can replicate the office experience with no on-site configuration required.

Aruba offers a variety of Mobility Controllers that provide locally autonomous operation, but are centrally managed from, and enforce policies set at, a data center. Aruba access points can also provide access to smaller offices or telecommuters. The policies enforced by the Aruba Remote Access Point firewall mirror those enforced by the corporate Aruba Mobility Controller, meaning that multiple users will be managed separately consistent with policies established at the corporate office.

Aruba also offers the ability to set up new locations as all-wireless offices where a secure enterprise wireless mesh is used to create a connected office environment very quickly and without any compromise in security or robustness.

APPLICATION ENABLEMENT

As an Aruba WLAN is deployed pervasively across a global enterprise, it not only mobilizes existing business applications, but also builds the foundation for new mobile applications.

Mobile applications such as voice over IP (VoIP) and streaming video delivery can stress and break a wireless LAN that is not designed for application awareness and automatic flow control. Aruba's WLANs use many technological innovations to address the needs of toll-quality voice and streaming video applications. Application continuity services detect the type of application and coordinate suitable network conditioning to ensure proper packet delivery. This process occurs automatically and requires no user intervention.

FAST HANDOFFS

Follow-me connectivity includes many features to ensure fast, reliable inter-access point handover, resulting in uninterrupted roaming without hand-off delays or drop-outs and ensuring the delivery of mission-critical information.

When introducing voice services, the net result is that users of single and dual-mode handsets can roam with confidence. In the latter case, handsets can be used with Aruba's enterprise Fixed Mobile Convergence solution to seamlessly roam in and out of cellular networks, adding a new dimension of user convenience and overhead cost-control.

Benefits of the Aruba Enterprise WLAN Solution

Aruba is focused on enabling secure user-centric networks for enterprises, providing the following benefits.

- **Business continuity:** Mobilizes business applications, delivering the right business tools to employees anywhere they roam
- **Advanced connectivity options:** Wired, wireless, secure enterprise mesh, remote AP, indoors, and outdoors
- **Identity-based security:** Unified security policy enforced for all users, fixed and mobile, wired and wireless
- **Application-awareness:** Optimized service delivery and scale
- **Enterprise-grade scalability and reliability:** Makes wireless reliable enough to be used as the primary network connection across the global enterprise



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