AVAYA

Engage **The Power of We™**

Avaya WLAN 9100 Series:
Top 10 things you need to know

Puts your business-critical applications first

Avaya Wireless
LAN 9100 Series
delivers what
matters most:
A High-Quality
User Experience

Avaya WLAN 9100 Series delivers wired-like performance and predictability to your mobile users and today's wireless office. Providing application-level visibility and control, it helps ensure your wireless network delivers uncompromised access to the applications and services that are most valuable to your business—and is not crippled by bandwidth-hogging personal and recreational applications. Avaya WLAN 9100 offers a robust and simple to manage solution that can adapt to changing business requirements and protect your investment against inevitable increases in bandwidth demands.

The following Top 10 list will give you a sneak peek of the advantages WLAN 9100 offers:

1 Technician-free "n to ac"

Avaya WLAN 9100 allows you to purchase 802.11n technology today and upgrade to 802.11ac (the latest WLAN Industry standard that delivers gigabit throughput) with just a software upgrade – no need to touch the Access Point (AP). Most 802.11n to 802.11ac upgrades require a manual swap out of the AP, which involves dispatching a technician to climb a ladder and swap out the AP. This adds significantly to the labor and OPEX costs of your network.

2 Application Control

Avaya WLAN 9100 ensures, with 100% certainty, wireless business applications are not compromised by personal and recreational applications. Providing recognition for over 1300 applications, you can block, throttle or apply QoS to applications directly at the network edge, reducing network load and ensuring that your most important applications come first.

3 70% more bandwidth*

Avaya WLAN 9100 has software programmable radios, allowing you to customize your APs based on your specific client environment. Unlike other vendors' solutions where the radios in the AP are preset (e.g. almost all 802.11ac APs have one radio preset to 5 GHz and one radio preset to 2.5 GHz band), with WLAN 9100 you can program each radio to suit your client environment. If all clients are 2.4GHz, you can set both radios to 2.4GHz. As your environment changes over time, you can continue to customize your APs to ensure the optimal user experience.

*70% more bandwidth is based on the following:

- Industry-standard 802.11ac, 3x3 AP: Radio 1 = 225Mbps (2.4GHz); Radio 2 = 1.3Gbps (5GHz) = Max Bandwidth = 1.525Gbps

- Avaya 802.11ac, 3x3 AP: Radio 1 =1.3 Gbps (5Ghz) and Radio 2 (5GHz) = 1.3 Gbps = Max bandwidth = 2.6 Gbps

4 Cloud Management

In addition to on-premise management, Avaya WLAN 9100 offers cloud-based management to reduce the demands on IT administrators and allow your wireless network to be deployed and administered quickly and easily. Particularly attractive for organizations that do not have large IT staffs, such as those in the mid-market, WLAN 9100 Cloud management removes the complexity and learning curve associated with deploying and operating wireless networks. Also unlike competitive solutions, where Access Points (APs) can stop functioning in the event a user unsubscribes to the cloud-management capability, Avaya WLAN 9100 APs will continue to operate even without cloud-management.

5 Fabric to the AP

Avaya's unique Fabric Connect technology, that powered the 2014 Sochi Olympics, is being extended to the wireless edge. The result? A simpler network that is easier to implement and administer. Offering zero touch provisioning, it accelerates time-to-service allowing new services or changes to services to be implemented quickly and error-free.

6 Distributed Controller

Avaya WLAN 9100 offers an integrated, two-tier architecture that reduces your equipment requirements and costs, and helps ensure that everything you need for a highly redundant, high performance wireless LAN that helps mitigate risk is built into every wireless access point. Instead of having to purchase a separate controller, the controller functionality (application control, security, filtering, QoS, analytics, etc.) is embedded directly into the access point. This eliminates the controller as a chokepoint, resulting in a more scalable WLAN network and enhances resiliency by eliminating the controller as a single point of failure.

7 Advanced RF Management

Avaya WLAN 9100 improves the user experience by maximizing the use of RF resources. Whether you require roaming assistance for sticky clients, Bonjour optimization, software-programmable radios, load balancing across radios, or HoneyPot support, the advanced RF capabilities of WLAN 9100 will let you optimize your wireless spectrum to ensure a high quality user experience for your mobile users.

8 APs for every use

Avaya WLAN 9100 offers a broad portfolio of indoor and outdoor Access Points that cater to different deployment and client requirements. The portfolio includes indoor APs (802.11n, 802.11ac, 2 radio, high density 4 radio, 2x2 and 3x3 MIMO options), an outdoor AP that can withstand harsh outdoor weather or industrial environmental conditions, and a broad range of directional and omni-directional external antennas.

9 Intuitive Management

The WLAN Orchestration System (WOS) provides everything needed to manage your wireless solution. Administrators can perform pre- and post-deployment planning, configuration, verification, management, and optimization of the Wireless LAN 9100 Series infrastructure.

10 More Secure Network Access

Control network access for guests and BYOD employees with Avaya Identity Engines. Avaya Identity Engines gives you granular control of both users and devices. It allows you to enforce "who gets on, with what, and to go where." Offering device fingerprinting, profiling and onboarding, it integrates seamlessly with WLAN 9100 to increase your wireless network security and help ensure you are always in control.

Avaya Identity Engines also offers more secure network access control for wired and VPN connections.

Learn More

To learn more about Avaya WLAN 9100 please visit **WLAN 9100 Series avaya.com**