

Wireless LAN Switching System

Secure 802.11

Revolutionary Wireless Switching

Network managers today are faced with three major IT trends that they must address: mobility, security, and convergence. Mobility is heavily driven by users through technologies such as Wireless LANs, cellular phones and VPNs to conduct business in the office, on the road, and at home. Network security, protecting information assets against unauthorized disclosure, alteration, or destruction, has become increasingly important in the age of Internet worms, viruses, and spyware. Security has taken on increased importance in the United States, the European Union, Asia Pacific, and other locations with the introduction of new government regulations related to privacy, confidentiality, and integrity of financial results. Finally, converged networks that support both data and voice offer significant financial benefits and support richer enterprise communications with multimedia integration. All three trends intersect at the edge of the network, the point where users connect to enterprise services. The edge of the enterprise network today, built on the past decade of networking technology, is a fixed edge.

The Aruba Mobile Edge System enables a new type of edge for the enterprise network, the mobile edge. The mobile edge allows users and devices to connect over the air and across any network, to securely gain access to enterprise resources. This FIPS-140-2 validated solution is a new layer in the network that logically sits on top of existing fixed networks and fulfills the requirements of security, mobility, and convergence without requiring major upgrades to the existing network. The mobile edge is architected to securely work over existing IP network facilities, and extends across both private enterprise networks as well as the public Internet.

Mobile Controllers

Aruba 6000- The **Aruba 6000** is the only modular mobility controller on the market. The four-slot modular chassis supports up to 8 Gbps of cleartext (7.2 Gbps of encrypted) throughput, up to 72 10/100 Mbps ports, 8000 simultaneous users and from 4 to 512 controlled APs. Hot-swappable line card slots support multiple connectivity options including a 24 port Fast Ethernet + 2 port Gigabit Ethernet line card as well as a 2 port Gigabit Ethernet line card.

Aruba 2400- A stackable, 24-port Wi-Fi switch that supports up to 48 Aps, the **Aruba 2400** also functions as a Wi-Fi mux or appliance. Designed for regional headquarters or dense building deployments, the 2400 supports up to 512 simultaneous users and delivers up to 400 Mbps of encrypted throughput.

Aruba 800- The **Aruba 800** is a fixed configuration Wi-Fi switch designed for remote and branch office applications. The 800 provides eight 10/100 Mbps user ports, one copper gigabit uplink, and an expansion slot to support a fiber gigabit connection. Programmable hardware-based encryption supports 200 Mbps of full-duplex encrypted traffic.

Product Overview

Aruba 6000



Aruba 2400



Aruba 800



Services Overview



Controlled Access Points

Aruba 41- The **Aruba 41** is a low-cost single-radio AP designed for the telecommuter or home office. With a single integral antenna and 802.3af Power over Ethernet, the Aruba 41 is an ideal AP for deployment where antenna diversity and plenum installation are not factors.



Aruba 60 and 61- The **Aruba 60 and 61** are single radio, 802.11a or b/g APs designed for dense wireless deployment. Plenum rated and powered by 802.3af Power over Ethernet or through an external AC adapter, the Aruba 60 and 61 deliver superior capacity, performance, and coverage. The Aruba 61 features an integrated 802.11a/b/g omnidirectional antenna while the Aruba 60 features dual external antenna connectors. The Aruba 60 and 61 are the perfect APs for highly dense "Wireless Grid" deployments.



Aruba 65- The **Aruba 65** is a dual radio 802.11a/b/g AP designed for the mobile enterprise worker. With integral diversity antennas, 802.3af Power over Ethernet, an external power adapter, and a compact design, the Aruba 65 fits easily in a briefcase and connects wherever a mobile user travels.



Aruba 70- The **Aruba 70** is the industry's first dual-radio "hybrid" access point that provides concurrent operation of 802.11a and 802.11b/g services, as well as secure wired access through an additional Ethernet port. The Aruba 70 is a multi-purpose device that can function both as an access point and as an RF monitor, either independently or concurrently, across the 2.4 GHz and 5 GHz bands. Ideally suited for workspace deployment, the Aruba 70 can be securely wall-mounted, ceiling-mounted, or desk-mounted.



Aruba 80- The **Aruba 80** is the industry's first controlled outdoor access point. With support for 802.11a, 802.11b/g, and wireless bridging, the Aruba 80 handles all outdoor wireless applications. The Aruba 80 is rated for extreme outdoor environments, with an operating temperature range of -30 to 55 degrees Celsius and an integral lightning arrestor and ground point.



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