



AirTight Secure Wi-Fi™

Lowest Cost and Complexity for Wi-Fi Access

With consumerization of Wi-Fi and mobile applications, a growing number of enterprises want to extend Wi-Fi beyond their corporate headquarters — into remote branch offices, teleworker homes, hotels, quick serve restaurants and retail stores. But, with limited budgets and lack of IT staff at remote locations, deploying and managing Wi-Fi across hundreds or thousands of geographically distributed sites is a major challenge.

AirTight Secure Wi-Fi™ addresses this challenge by giving organizations a hassle-free and low-cost way to deploy and manage Wi-Fi across hundreds or thousands of geographically distributed sites while protecting them from Wi-Fi vulnerabilities and threats.

Secure Wi-Fi access

AirTight's Wi-Fi Access Point/Sensor combo device provides you the flexibility to operate it in a pure Wi-Fi sensing mode— scanning for wireless vulnerabilities 24/7, or use it as a Wi-Fi access point (AP) with background scanning for wireless vulnerabilities. The device can be flipped between the Sensor mode and AP mode with a single mouse click from the SpectraGuard console. This facilitates seamless transition giving IT complete control and maximum flexibility to rollout Wi-Fi wherever and whenever it is needed without compromising security.

Wi-Fi AP Functionality

Each AirTight Wi-Fi AP can support up to 8 BSSIDs for running multiple wireless LANs

that are mapped to separate VLANs. For instance, a guest Wi-Fi hotspot can run alongside a WPA2/802.1x secured Wi-Fi network transmitting corporate data, on the same device. Yet, the guest Wi-Fi data never mixes with the secure corporate data thanks to AirTight's VLAN policy mapping and segmentation. This ensures that the corporate networks and data remain isolated from guest Wi-Fi access.

AirTight's guest Wi-Fi solution includes customizable captive portal and walled garden capability that retail businesses can leverage to expand their interaction with guests to provide opt-in localized content, create loyalty programs and garner in-store customer feedback. The solution also offers options such as DNS-based content filtering, NAT or bridged guest SSID, and 3rd party integration for guest management.

Key Wi-Fi Access Features

- IEEE 802.11 a/b/g/n AP with 8 BSSIDs
- WPA/WPA2 with PSK and 802.1x authentication
- Choice of NAT or bridged operation
- Guest Wi-Fi captive portal with customizable splash page
- Walled garden for guest access
- 3rd party guest access integration
- Content filtering via DNS

Security

Powered by SpectraGuard, world's best wireless intrusion prevention technology, AirTight Secure Wi-Fi also delivers the most comprehensive security from Wi-Fi

KEY FEATURES

- High-speed (IEEE 802.11 abgn) Wi-Fi with multi-BSSID support
- Guest Wi-Fi with customizable captive portal, walled garden and content management
- SSID to VLAN policy mapping
- World's best wireless intrusion prevention technology
- Simple, cloud-based management
- Ideal for geographically distributed locations



Guest Network Configuration

Configure Guest Network Settings

Configure the Guest Network to provide wireless Internet connectivity to guests. Guest Networks usually allow access only to general and non critical resources. A Guest Network can be applied to only one Wireless Profile at any given time.

Enable Guest Access Portal

Upload Bundle: Default Applied

Login Timeout: 1,440 mins [10 - 1440]

Redirect to URL:

Walled Garden Settings

Allow HTTP access to these hosts/networks without redirection to Guest Access Page

Guest Network Configuration

DHCP Settings

Start IP Address: 192.168.1.50

End IP Address: 192.168.1.254

Local IP Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Lease Time: 1,440 mins [30 - 1440]

Access Restrictions

Ban access to these hosts/networks

DNS Servers

Specify DNS servers for Guest clients

8.8.8.8

V40 Configuration

V40 VSSID Configuration

VSSID Details

VSSID: Broadcast SSID WMM Client Isolation

VLAN ID: (0 - 4095)

Security Settings

Security Mode: WPA

PSK

Pass phrase:

RADIUS

RADIUS Server: RADIUS Port:

RADIUS Secret:

vulnerabilities and threats.

Organizations can choose to run the AirTight AP/Sensor combo device in a dedicated sensing mode that offers complete 24/7 wireless protection. Businesses can start by securing their assets from wireless threats today while laying the foundation for strategic wireless initiatives in the future.

In the Wi-Fi access mode, the AirTight AP/ Sensor combo device scans for wireless vulnerabilities in the background without hampering its Wi-Fi services. As a result, businesses can reap the benefits of Wi-Fi while maintaining their security posture against wireless threats.

Key Security Features

- Scans all standard Wi-Fi channels and in-between frequencies
- Patented Marker Packet™ for accurate rogue detection
- Monitors up to 50 VLANs for rogues
- Automatic prevention and location tracking for threat remediation
- Equally effective with or without managed LAN switches
- VLAN policy mapping

Cloud-based management

Centralized management of traditional “Fat AP” or controller-less deployments in remote locations is impractical, while the cost and complex of a controller-based architecture using Lightweight APs (LWAPs) is overkill — too complex and expensive, and requiring experienced IT professionals to manage.

AirTight’s cloud-based, controller-less architecture and plug-and-play APs significantly reduce the cost and complexity of deploying and managing Wi-Fi. Centralized, Web-based administration provides complete visibility and control from anywhere on the Internet, making it easy to manage hundreds or thousands of distributed locations.

Everything from software upgrades and configuration changes to rogue prevention can be managed centrally from a single console eliminating the need to send IT staff to remote locations to reconfigure or upgrade individual devices.

Role based permissions allow granular delegation of administrative functions such as password changes, policy definition, and reporting for remote management by local administrators, store managers, or franchisees while maintaining complete control of security by the corporate IT department.

Key Manageability Features

- Zero-touch provisioning
- Centralized management from a single console
- Hierarchical location-based policies
- Flexible policy control according to geography, brand, or franchise
- Policy inheritance and customization
- Customizable local administration

**About
AirTight Networks**

AirTight Networks is the global leader in wireless security and compliance products and services, providing customers best-of-breed technology to automatically detect, classify, locate and block all current and emerging wireless threats. AirTight offers industry's leading wireless intrusion prevention system (WIPS) and the world's only SaaS based wireless security, compliance and Wi-Fi access branded as AirTight Cloud Services™. AirTight's award-winning solutions are used by customers globally in the financial, government, retail and hospitality, manufacturing, transportation, education, health care, telecom, and technology industries. AirTight owns the seminal patents for wireless intrusion prevention technology with 24 U.S. and international (Australia, Japan and UK) patents granted, and more than 20 additional patents pending. AirTight Networks is a privately held company based in Mountain View, CA. For more information please visit: www.airtightnetworks.com.

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Key Benefits of AirTight Secure Wi-Fi

Plug-and-play deployment	Pre-configured wireless sensor-AP devices are operational in minutes without the need for IT support at remote sites.
Ease of use	Removes the complexity in operating geographically distributed Wi-Fi networks.
Portal-based remote management	For remote sites having little or no IT staff, you can manage Wi-Fi networks from anywhere on the Internet via a web browser.
Centralized policy enforcement	Allows you to retain complete control of network security of thousands of remote sites.
Flexibility	Location based policies allows you to rollout Wi-Fi network where and when you want them and to customize policies and reporting.
Scalability	A controller-less wireless LAN architecture with the option to host the service in the cloud enables virtually infinite scalability.
Affordable	Costs less than half of other enterprise Wi-Fi solutions. The option to subscribe on a pay-as-you-go basis eliminates upfront capital outlay.

The Global Leader in Wireless Security Solutions

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