AirTight® Wi-Fi

Cloud Managed Secure Enterprise Wi-Fi

AirTight Wi-Fi™ is a cost effective, secure and hassle-free wireless LAN (WLAN) solution that is ideal for distributed enterprises with a small IT staff and a limited budget.

It offers a next generation intelligent edge WLAN architecture, software configurable plug-and-play access points (APs), all-inclusive enterprise grade Wi-Fi features, the best-in-class wireless intrusion prevention system (WIPS), an HTML5 management console that makes it equally easy to manage ten or tens of thousands of sites or devices, and flexible deployment and pricing options.

Next Generation Intelligent Edge Architecture

AirTight's intelligent edge, controller-less and fault tolerant architecture eliminates the cost, complexity, and inefficiency of traditional controller-based WLAN solutions.

In a controller-based architecture, cloud based or otherwise, APs are either required to tunnel data traffic to the central controller or they rely on it for availability of many Wi-Fi and WIPS functionalities. This makes the central controller a choke point and a single point of failure.

Instead, the distributed intelligence embedded in every AirTight AP makes the architecture efficient, fault tolerant and

massively scalable. AirTight APs switch data locally and are capable of operating independently.

An AirTight management server, hosted locally or in the cloud, is only used to push configurations and policies during initial deployment or network changes, and to enable administrators to remotely monitor and manage the entire deployment.

AirTight APs are capable of operating in a "standalone" mode – without loss of any functionality – if the connectivity to the management server is lost, e.g., if the WAN link to the cloud goes down.

Enterprise Grade Features
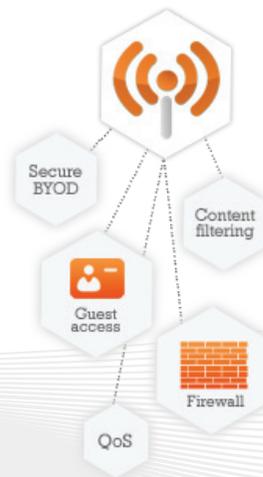
AirTight Wi-Fi delivers a comprehensive set of WLAN features needed in the enterprise, including:

- WPA/WPA2 with PSK and 802.1x authentication with fast handoff support
- Multiple SSIDs and VLANs per AP with NAT or bridging option per SSID
- Guest Wi-Fi access with customizable captive portal and walled garden
- Guest access management options – from click-through splash page and lobby ambassador portal to RADIUS based or third party authentication

Key Features

- Intelligent edge, controller-less, fault tolerant architecture
- Software configurable intelligent APs capable of standalone operation
- Multiple SSIDs and VLANs per AP
- Integrated firewall, traffic shaping, QoS and BYOD controls per SSID
- Rich Wi-Fi analytics and performance monitoring
- Top-ranked WIPS protection built-in
- Customizable HTML5 UI that can be managed virtually from any OS or device
- Plug-and-play deployment
- Management options include hardware appliance, virtual server or cloud
- Pricing options include full opex, full capex, or hybrid

C-60

Dual band, dual concurrent 3x3:3 802.11n AP designed for maximum flexibility

Can operate as:

- Dual AP: one in 2.4 GHz and one in 5 GHz
- Dual AP with background WIPS
- AP/Sensor combo: one radio as AP and the other concurrently as a dedicated dual band WIPS sensor – an industry first
- Overlay WIPS sensor: On both radios – one in 2.4 GHz and the other in 5 GHz

C-55

Dual band, dual concurrent 2x2:2 802.11n AP designed for high performance

Can operate as:

- Dual AP: one in 2.4 GHz and one in 5 GHz
- Dual AP with background WIPS
- Overlay WIPS sensor: On both radios – one in 2.4 GHz and the other in 5 GHz

C-50

Entry level dual band, single radio 2x3:2 802.11n AP

Can operate as:

- AP only: either in 2.4 GHz or 5 GHz
- AP with dual band background WIPS
- Overlay dual band WIPS sensor

- AirTight's industry leading WIPS for protection from wireless threats
- Built-in stateful firewall, traffic shaping, QoS and BYOD controls per SSID
- DNS-based content filtering, e.g., via integration with OpenDNS
- Rich Wi-Fi analytics, performance monitoring and reporting

AirTight Wi-Fi also provides value-add features for specific industry verticals and distributed enterprises. For instance:

- GRE tunneling from remote branch offices to headquarters
- Regulatory compliance reporting
- Agent based automated BYOD onboarding
- Integration with MDM solutions
- Social media integration with guest Wi-Fi to enable retail, restaurant, and hospitality business owners to engage with customers

AirTight Social Wi-Fi™

Lower TCO with Software Configurable Access Points

Software configurable AirTight APs give customers the freedom to deploy their WLAN the way they want – minimizing the total cost of ownership and maximizing the flexibility to make changes, in software, as their networking and security needs change.

For instance, the AirTight C-60 AP is the industry's only AP with band unlocked, software defined radios. The ability to tune, in software, the frequency band (2.4 GHz or 5 GHz) and operation mode (AP, AP with background WIPS monitoring, or dedicated WIPS protection) on a per radio basis opens up numerous possibilities. Customers can mix and match C-60 APs with different operation modes and frequency bands in their WLAN, and save significantly on hardware and cabling costs.

Similarly, the C-50 and C-60 APs come with integrated antennas that are software switchable to external antennas, so customers are not stuck with a particular model with or without support for external antennas.

All AirTight APs are IEEE 802.3af PoE compliant. In fact, the innovative design of the purpose-built C-60 AP can deliver 3x3:3 (up to 450 Mbps) 802.11n performance on one radio within 802.3af power budget, while concurrently running a dedicated dual band WIPS sensor on its other radio.

Plug-and-Play Deployment

AirTight APs and sensors come programmed out of the box to automatically discover and connect to the AirTight management server, hosted locally or in the cloud, as soon as they are powered up and get network access. This simplifies the rollout even at remote sites with no IT staff.

Once an administrator drags and drops the AP (or sensor) icons in the appropriate location folder on the management console, the policies and configurations assigned to that location are automatically pushed to the device to get it up and running in a matter of minutes.

AirTight® NETWORKS

Centralized, Single Console Management

The HTML5 AirTight Management Console has been designed keeping in mind the UI/UX standards for Cloud applications. The interface is lightweight and usable on any Web browser, OS, and device, including Androids, iPads, and other tablets.

The configurable dashboards allow individual users to create a personal workspace and optimize the information display depending on their needs and screen size. Each user can create multiple dashboards – each with a custom layout, and choose from over 25 widgets that provide comprehensive Wi-Fi analytics, meaningful statistics, and wireless security alerts.

AirTight's unique hierarchical location based policy management architecture simplifies management of geographically distributed locations from a single console. Everything from role-based administration, Wi-Fi configurations and WIPS policies to compliance reporting can be defined in a logical context such as locations, multiple brands, corporate vs. franchisee owned, etc.

Capex or Opex; Onsite or Cloud

AirTight's robust cloud architecture is infinitely scalable and on-premise deployment options include virtual servers and appliances that easily integrate with your existing network. AirTight provides different pricing models including full opex, full capex or a combination to meet your budget.

Private Cloud

Public Cloud

VMware

Appliance
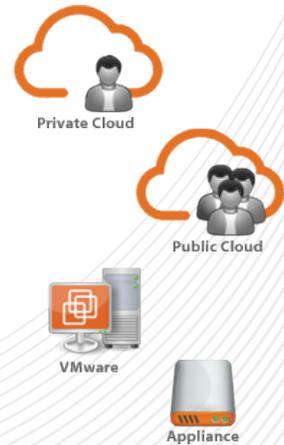
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