



AirTight ADVANTAGE

- Install Access Points (WLAN APs) and WIPS sensors according to industry best practices
 - Cabling Power/PoE
 - WLAN APs
 - WIPS sensors
 - Antennae
 - Weatherproof enclosures
 - Lightning arrestors
- Document and label installation for inventory and maintenance
- Over 1000 customers including Fortune 500 companies and other global financial, government, retail, manufacturing, transportation, education, healthcare, hospitality, and technology organizations rely on AirTight Networks for its world-class products and services

AirTight® Wireless Installation Services

Installing Your RF Devices to Deliver a Secure, High Quality Wireless Network

Outsource Your WLAN Installation

Proper physical installation of WLAN APs, wireless intrusion prevention (WIPS) sensors, and their antennae is critical to the operation and performance of your WLAN. AirTight's certified professionals can ensure that this vital step in the deployment process is handled quickly, cost-effectively, and to specification, in accordance with industry best practices.

This process will be managed for you by a dedicated AirTight project manager, who will work with your network/security staff and AirTight's installation team to:

- Understand your specific site characteristics, performance requirements, and security needs
- Develop a project management plan for the installation(s)
- Stage the equipment
- Run & test the cabling (as required)
- Install the APs, sensors, antennas, and NEMA enclosures as required
- Label, document, and inventory the installation for future reference
- Test the entire installation for proper operation/performance – before handing it over to your network administrators

AirTight can also help audit and update an existing WLAN installation – to upgrade APs, enhance security, expand coverage, or prepare for VoIP/VoWiFi as required.

Understand Your Requirements

Multiple factors impact an enterprise's WLAN AP/Sensor deployment plans, including:

- The desired WLAN performance and WIPS security coverage – both indoor and outdoor
- The physical structures – The buildings, their furnishings, and their surroundings

- The IT infrastructure – LAN switches, cabling plant, and power
- The environment – operating temperatures, weather, dust, humidity, etc.

AirTight RF engineers will take your requirements and analyze your site(s), to design your wireless infrastructure. The design will include:

- Bill of Material for your WLAN infrastructure – access points, antennas, switches and NEMA enclosures
- Bill of Material for SpectraGuard servers, sensors, antennas and NEMA enclosures
- Device mounting considerations, sensor power availability and weather proofing
- Cabling
- Project documentation, including a detailed site plan and RF map with locations for all the devices

Project Management Plans

AirTight's project manager will create a detailed project management plan – for one or multiple sites/buildings/campuses, including:

- Detailed time line for BoM procurement, physical installations and testing
- Logistics related to shipping and availability of the equipment at installation sites
- Resource requirements at each location and related logistics
- Use of the services of AirTight's regional partners who understand local laws and regulations

Equipment Staging

The equipment for each site will be staged and labeled prior to installation. Once it is installed, the BOM and site plan will be updated with wired and wireless MAC addresses, corresponding to the site map/plan.

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 (U.K, Australia, Japan) 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.

AirTight and SpectraGuard are registered trademarks of AirTight Networks, Inc. AirTight Networks, AirTight Networks logo, AirTight Cloud Services and AirTight Secure Wi-Fi are trademarks. All other trademarks are the property of their respective owners.

Cabling

If new cabling is required, AirTight can manage this for you, or you can use your own cabling contractor. If AirTight installs the cabling, we will ensure strict compliance to local building codes and regulations. In either case, as part of the installation service, AirTight will ensure that:

- Cable runs are prepared for access points, antennae and sensors
- Cables are tested and terminated properly
- Power is supplied for the APs and WIPS sensors - either through PoE or local power outlets

Physical Installation & Verification

AirTight's team will complete

- Installation and initial configuration of the SpectraGuard® Enterprise Server(s) [does not include configuration/tuning of the wireless security policy]
- Installation of the APs, sensors, and antennae in accordance with

Installation Service

Installation Service Prerequisites/Requirements

- Building maps/floor plans
- LAN switch ports for each AP or sensor
- Rack space for SpectraGuard Enterprise Server
- Adequate power for the server and POE injectors (if required)
- SpectraGuard Enterprise Server(s) and Sensors have been procured
- Access points, wireless controllers, devices and antennas have been procured
- IP Addressing scheme for all Server(s) and Sensors has been finalized
- Assigned point of contact at Customer Site

Note: If you want the AirTight team to remediate your existing WLAN installation, you will have to provide the bill of material for access points, WLAN controllers, antennas and their configuration. We can work with your IT staff to add additional WLAN and Wireless Security coverage to existing sites

Installation Service Deliverables

- Document customer needs gathered using phone and Webex sessions
- Physical installation of all devices in the bill of material
- Connectivity between Sensors and Servers
- Executive status report at the end of the installation
- Debrief session with the customer via phone and Webex

Getting Started

For more information, please visit www.airtightnetworks.com/wlan-services or email sales@airtightnetworks.com.

AirTight (or WLAN AP vendor) physical installation guidelines and industry best practices:

- Weather-proofing for extreme temperatures, rain, dust, shock and lightning protection
- Distance from metal masts, minimum distance from lighting fixtures and ceiling mounts
- Cable joining, bending, maximum cable length, spacing of cable supports and strain relief
- Verification of connectivity for each AP and sensor
- Device labeling with location identifiers
- Verification of RF coverage and wireless security enforcement - post installation

AirTight and its regional partners will adhere to building, local and national regulations for equipment installation.

Handover

Upon conclusion of the installation and verification, a formal project handover will be scheduled - with acceptance criteria and full documentation.

The Global Leader in Wireless Security Solutions

AirTight Networks, Inc. 339 N. Bernardo Avenue #200, Mountain View, CA 94043
T +1.877.424.7844 T 650.961.1111 F 650.961.1169 www.airtightnetworks.com info@airtightnetworks.com

© 2011 AirTight Networks, Inc. All rights reserved. AirTight Networks and the AirTight Networks logo are trademarks, and AirTight and SpectraGuard are registered trademarks of AirTight Networks, Inc. All other trademarks mentioned herein are properties of their respective owners. Specifications are subject to change without notice.

