



## Press Release

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## **AirTight Receives U.S. Patent for Router AP Rogue Detection**

### **AirTight Now Holds 11 U.S., 1 Australian and 1 UK Granted Patents for Wireless Intrusion Prevention with More Patents Pending**

**Mountain View, CA — June 30, 2009** — AirTight® Networks, the global leader in wireless security and compliance solutions, today announced it has been granted US patent number 7,536,723 by the United States Patent and Trademark Office (USPTO) for router AP rogue detection techniques. Rogue APs can get connected to enterprise wired networks accidentally or by malicious actions without the knowledge of the network administrator. Intruders can access enterprise wired network from RF coverage of rogue APs bypassing traditional wired and wireless security controls. As a result, it is important for any [wireless intrusion prevention](#) system (WIPS) to continuously track APs visible in the enterprise airspace to determine if any of them is connected into the enterprise wired network and thus poses security threat.

Among all the AP types, router APs (also called NAT APs) are by far the most common rogues, because they are the most common AP available to consumers. Moreover, router APs and particularly those which lack MAC adjacency between their wired and wireless interfaces, are undetectable by conventional MAC correlation techniques such as CAM table lookups. AirTight invented and pioneered active packet injection technology for comprehensive rogue detection in WIPS. The active packet injection technology provides highly accurate, comprehensive, instant and scalable AP network connectivity detection.

“Robust automatic AP classification and rogue detection via accurate on wire/off wire detection are among the factors which set AirTight’s wireless intrusion prevention technology apart from the pack,” said Dr. Hemant Chaskar, Director of Technology at AirTight Networks. “While other vendors are only now starting to implement router AP rogue detection capabilities, AirTight has been supporting it for years and now owns the patent on the technology which facilitates detection of router AP rogues.”

### **About AirTight’s Patent Portfolio**

With the granting of this new patent, AirTight now has now a total of 11 U.S. patents, one Australian patent, and one UK patent. It has more US and international patents pending, many of which are undergoing active examination at patent offices of various countries and are expected to be granted this year.

AirTight’s patent portfolio covers the entire range from broad wireless intrusion prevention architectures to specific algorithms and techniques.

- The seminal 7,002,943 patent for the wireless intrusion prevention was awarded to AirTight by the USPTO in February 2006. The USPTO Board of Patent Appeals and Interferences (BPAI) later ruled in favor of AirTight Networks and its [U.S. Patent No. 7,002,943](#) in an interference action provoked by competitor, AirDefense, in an attempt to usurp the 7,002,943 patent from AirTight. That ruling re-affirmed AirTight’s leadership position as the first company to invent, deliver and patent a truly effective WIPS solution.
- The second patent, number 7,154,874 was granted by USPTO in December 2006, which expanded the scope and reinforced the strength of the first.
- The third patent, number 7,216,365, was granted by USPTO in May 2007, which gave small to medium businesses the same accurate, automated protection enjoyed by large enterprise customers.
- The fourth and fifth patents, numbers 7,333,800 and 7,333,481, granted by USPTO in February 2008, cover scalable prevention of prevalent wireless threat scenarios to reduce sensor density requirements and increase threat protection.
- The sixth patent, number 7,339,914, granted by USPTO in March 2008, covers techniques for accurate autoclassification.

- The seventh patent, number 200429804, granted in Australia in March 2008, extends the coverage of the seminal WIPS patent to Australia.
- The eighth patent, number 7,406,320, granted by USPTO in July 2008, covers technology for robust location tracking.
- The ninth patent, number 2410154, granted in UK in August 2008, extends coverage of the seminal WIPS patent to UK.
- The tenth patent, number 7,440,434, granted by USPTO in September 2008, covers additional techniques for accurate autoclassification.
- The eleventh patent, number 7,447,184, granted by USPTO in November 2008, covers techniques for accurate detection of local and distributed MAC spoofing attacks.
- The twelfth patent, number 7,496,094, granted by USPTO in February 2009, covers techniques to counter wireless DoS attacks.
- The thirteenth patent, number 7,536,723, granted by USPTO in May 2009, covers techniques to detect router AP rogues.

Complete information about AirTight's [patent](#) portfolio can be found on its Website

You may follow AirTight on its [Blog](#) and in other online communities including [YouTube](#) and [Twitter](#).

#### **About AirTight**

AirTight Networks is the global leader in wireless security and compliance solutions providing customers best-of-breed technology to automatically detect, classify, locate and block all current and emerging wireless threats. AirTight offers both the industry's leading wireless intrusion prevention system (WIPS) and the world's first wireless vulnerability management (WVM) security-as-a-service (SaaS). AirTight's award-winning solutions are used by customers globally in the financial, government, retail, manufacturing, transportation, education, health care, telecom, and technology industries. AirTight owns the seminal patents for wireless intrusion prevention technology with 11 U.S. patents and two international patents granted (UK and Australia), 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](http://www.airtightnetworks.com)

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