

## These security tools can plug some of the holes in current wireless systems

Company	Product	Description	Wireless standards supported	Security features	Authentication	Network	Administrator alerts in case of breach or intrusion attempt	Price
<b>AirMagnet Inc.</b> Sunnyvale, Calif. 408-400-0200 <a href="http://www.airmagnet.com">www.airmagnet.com</a>	<b>AirMagnet Handheld 3.0</b>	Wireless LAN analysis and troubleshooting software for Pocket PCs	IEEE 802.11b	Security policy monitoring, WEP, WPA, 802.1x, VPN	LEAP, MD5, TLS, TTLS, LEAP, TKIP, MIC, WEP, WPA, 802.1x, VPN (PPTP, L2TP, SSH and IPSec)	Checks for more than 40 potential security vulnerabilities, including misconfigured access points, intrusion attempts and potential denial-of-service attacks	Includes more than 70 security and performance alarms; most alarms let the user configure thresholds to a particular environment and save the settings	\$2,995 to \$3,995 (latter includes a Pocket PC)
<b>Cisco Systems Inc.</b> San Jose, Calif. 800-553-6387 <a href="http://www.cisco.com">www.cisco.com</a>	<b>Cisco Aironet 1200 Series</b>	802.11a and b access point upgradeable to 802.11g	802.11a, b and g	40-bit and 128-bit WEP, AES, WiFi Protected Access (WPA), MAC-address access control lists, IEEE 802.1x and Integrated user authentication database	Authentication for IEEE 802.1x: LEAP, PEAP, EAP-TLS, EAP-TTLS; Encryption: standard TKIP, AES in 4QCY03; Encryption key management: IEEE 802.1x and RADIUS	Rogue access point detection, interference detection (Bluetooth devices, cordless phones)	Delivered via on-screen alerts or e-mails	\$899 for 802.11b-configured Cisco Aironet 1200 Series; \$1,299 for 802.11a-configured Cisco Aironet 1200 Series
<b>Enterasys Networks</b> Andover, Mass. 978-684-1000 <a href="http://www.enterasys.com">www.enterasys.com</a>	<b>Enterasys RoamAbout R2</b>	Enterprise grade, WiFi certified wireless access point	802.11a, b and g	SSID suppression, 128-bit WEP, 802.1x, Rapid ReKeying, WPA, AES via software upgrade and Enterasys Dragon Intrusion Detection support	128-bit WEP, WPA, 802.1x, RADIUS	n/a	RADIUS accounting	\$799 with a mezzanine adapter, which turns the access point into a dual-slot AP, and an 802.11b client card; \$95 up per user for 802.11b client; \$159 up for 802.11a/b/g combo card
<b>Network Instruments LLC</b> Minneapolis 952-932-9899 <a href="http://www.networkinstruments.com">www.networkinstruments.com</a>	<b>Observer 9.0</b>	Wireless network monitoring and troubleshooting software	802.11a, b and g	Captures and decodes wireless and wired traffic, monitors health and security of wireless LANs	Triple DES encryption	Reports unknown access points, unknown WEP, device not using WEP, failed WEP keys	Based on a trigger, it can send e-mail, alert a pager, send an SMTP trap and other forms of notice	\$995 to \$3,995
<b>ReefEdge Inc.</b> Fort Lee, N.J. 201-242-9700 <a href="http://www.reefedge.com">www.reefedge.com</a>	<b>ReefEdge Connect System</b>	Security platform for authentication, encryption and access control to wireless networks	801.11a, b and g; WPA	Authentication mechanisms including SSL encrypted authentication with root-signed certificates, single sign-on to 802.1x clients and RSA SecurID, PKI x.509 digital certificate and smart-card authentication, and a single repository for user credentials	PKI, RADIUS, CAC, Triple DES and AES encryption	Actively detects rogue access points and provides immediate notification about their locations and SSIDs; can detect "silent" access points that do not broadcast their network identity	A TCP/IP-based communication link is established between the Air Monitor radio probe and the server	Varies by deployment scenarios and performance requirements; \$1,500 to \$16,500 for Connect Server; \$1,500 up to \$11,000 for Edge Controller
<b>Secure Computing Corp.</b> San Jose, Calif. 800-379-4944 <a href="http://www.securecomputing.com">www.securecomputing.com</a>	<b>SafeWord PremierAccess</b>	User authentication and role-based authorization to Web, VPN, wireless, thin-client, remote dialup, wireless LANs and other network applications	802.1x standards are supported through interoperability with third-party products (Funk Odyssey, Cisco ACS, Meetinghouse Aegis, Alvarion, BreezeNet products, VPNs)	Handles authentication requests to most wireless access points, replacing user name/password combination with strong authentication	LDAP, PKIX-RFC 2459, RADIUS, Microsoft CryptoAPI, PKCS #11, SSL, DES, Triple DES	n/a	n/a	\$1,931 up (GSA) for Premier Access 3.1.1, starter package, media and 25-user license
	<b>SafeWord SoftToken II; MobilePass</b>	MobilePass software delivers one-time passwords as text messages to a user's mobile phone, PDA or pager	802.1x supported through third-party systems (see above)	Provides authentication via a user's mobile phone, PDA or pager; SoftToken II provides authentication through a software-based token that delivers a one-time passcode	DES, Triple DES, RADIUS	n/a	n/a	\$18 up (GSA) per user
<b>Vernier Networks</b> Mountain View, Calif. 650-526-2600 <a href="http://www.verniernetworks.com">www.verniernetworks.com</a>	<b>Control Server 6500 Access Manager 6500 Access Manager 6500p - with power over Ethernet support</b>	Distributed gateway for securing and managing WLANs	All 802.11 wireless standards; access point works with any OS; power over Ethernet support for 802.3af and Cisco APS	VPN Termination provides termination of IPSec, L2TP/IPSec, PPTP and SSH tunnels; intelligent packet inspection blocks all traffic from a user until they are authenticated, then allows only the traffic designated by the user's access privileges	AES, PKI, DES, Triple DES; authentication via RADIUS, Kerberos, LDAP (Active Directory), XML API, passive NT Domain log-on, 802.1x, and built-in database; encryption via IPSec, L2TP/IPSec, PPTP, and SSH using AES, 56-bit DES, Triple DES	User and access point location can be determined based on Access Manager port	Failed and successful authentications, MAC spoofing events and all user sessions are reported to a Syslog server, which can be configured to alert administrators	\$3,790 for AM 6500; \$5,440 for AM 6500p
<b>WildPackets Inc.</b> Walnut Creek, Calif. 800-466-2447 <a href="http://www.wildpackets.com">www.wildpackets.com</a>	<b>AiroPeek NX</b>	802.11 Wireless LAN network analyzer software	802.11a, b and g; WEP, 802.1x and WPA	Improved security audit template, 17 new security-related expert diagnoses, and security status indicators within the SSID Tree; lets users customize parameters	TKIP for WPA, LEAP, LEAP/TLS and PEAP	Checks for ad-hoc communication, AP association attack, authentication attack; checks for access points that are not configured, not using WEP, have weak signals, are broadcasting SSIDs, have been restarted; also checks for authentication problems	Four types of actions can be configured: log, which sends the notification to the log file; e-mail; execute, which launches a program of your choice; and sound, which plays a specified .wav file	\$3,495 included with 12 months maintenance and iNetTools; \$4,840 for enterprise bundle with 12 months maintenance, iNetTools and four RFGrabber Probes