

## Public Relations Contact

Janice Spampinato  
CACE Technologies, Inc.  
1949 5<sup>th</sup> Street, Suite 103  
Davis, CA 95616  
530.758.2790 x111  
[Janice@cacetechnologies.com](mailto:Janice@cacetechnologies.com)

## FOR IMMEDIATE RELEASE



### **CACE Technologies Introduces AirPcap Nx USB-Based Dual-Band WLAN Capture Adapter Supports 802.11a/b/g/n, Packet Injection, Multi-Channel Aggregation, External Antennas**

*Davis, California, January 16, 2009* – [CACE Technologies, Inc.](http://www.cacetechnologies.com), developer of tools that enhance the [Wireshark®](http://www.wireshark.org) user experience, announced that they have begun shipping the newest member of the [AirPcap™](http://www.cacetechnologies.com) family, [AirPcap Nx](http://www.cacetechnologies.com), a USB-based WLAN capture adapter with support for 802.11a/b/g/n, packet injection, multi-channel aggregation, multiple external antennas connectors, and enhanced hardware timestamps.

AirPcap Nx offers unique, industry-leading capabilities unmatched by other Windows-based USB WLAN offerings. Standout capabilities include: packet transmission across all supported channels (a, b, g, and n), 2 x 2 MIMO with two internal antennas, two integrated MC-Card connectors for optional external antennas, multi-channel aggregation (with 2 or more adapters), and full integration with Wireshark and [CACE Pilot](http://www.cacetechnologies.com).

AirPcap Nx is a much-anticipated and significantly enhanced replacement for CACE Technologies' popular AirPcap N 32bit CardBus adapter. "We've been selling our CardBus-based AirPcap N adapter for over a year with great success while waiting for the release of comparable USB technology, states Gianluca Varenni, AirPcap Nx Product Manager. "Our switch to a USB form factor is not only practical from a portability standpoint but, because many newer laptops ship without CardBus slots, it's an important evolutionary step for the product. With the new technology based on the Atheros 9000 chipset, we are also able to deliver significant feature improvements."

According to Larry Averitt from Intel's Mobility Group, an early adopter of AirPcap N technology and Nx beta tester, "Out with the old, in with the 11n USB AirPcap Nx! Whether diagnosing enterprise wireless issues or picking a channel for my Grandma's wifi, this adapter is my favorite. It looks cool, it's light as a feather and (since it's integrated with [WinPcap](http://www.cacetechnologies.com)) it works seamlessly with Wireshark. CACE' use of open source tools eases sharing of information between Intel and our customers, and their ongoing ability to deliver increasingly feature-rich and stable products is an outstanding example of quality software development and customer orientation."

### **The AirPcap Family**

AirPcap is an open, affordable, and easily-deployed 802.11 packet capture solution for Windows, providing complete wireless network visibility by capturing all 802.11 frames.

Comprised of a USB adapter and custom driver that capture all, or a filtered set of, WLAN frames, AirPcap delivers data to Wireshark, CACE Pilot, or open source security tools like Kismet and Aircrack-ng. When deployed with Wireshark, the analyzer displays a custom toolbar that provides direct control of AirPcap during wireless data capture.

AirPcap is available in four versions: AirPcap Classic, AirPcap Tx, AirPcap Ex, and AirPcap Nx, ranging in price from \$198 to \$698 USD. A matrix of the adapters and their respective feature sets can be found at [http://www.cacetechnology.com/products/airpcap\\_family.htm](http://www.cacetechnology.com/products/airpcap_family.htm).

### **802.11n and AirPcap Nx**

802.11n is breakthrough technology, enabling Wi-Fi networks to do more, faster, over a larger area.

AirPcap Nx captures all 802.11n traffic on 20 and 40 MHz channels, delivering detailed decoding of control, management, and data frames, including A-MSDUs, A-MPDUs, and HT frames. Nx also monitors 802.11 a, 11b, 11g, and 4.9 GHz US Public safety channels for complete visibility of your entire WiFi infrastructure.

### **AirPcap Nx Features**

- 802.11n traffic capture on 20MHz and 40 MHz channels
- Detailed decoding of control, management, and data frames in Wireshark, including A-MSDUs, A-MPDUs, and HT information
- 802.11 a/b/g/n packet injection at all rates
- Per-packet radio information
- Microsecond timestamp resolution
- Simultaneous, multi-channel capture and aggregation with the ability to merge data into a single trace file
- AirPcap and WinPcap APIs for creation or extension of your 802.11n lab tools
- Full integration with Wireshark and CACE Pilot™ for complete traffic analysis, visualization, drill-down, and reporting
- Portability and flexibility in deployment of USB adapter

### **Nx Pricing, Availability, Upgrade Program**

AirPcap Nx is available now from CACE' on-line commerce site ([www.cacetechnology.com/products/catalog](http://www.cacetechnology.com/products/catalog)) or from one of our authorized reseller partners. A single unit Nx adapter is \$698 USD. A 3-Pack, which includes three Nx adapters and drivers, a 4-port mini-USB Hub, and Network Toolkit download, is \$2,094 USD. Education and government account discounts are available. Current AirPcap owners can upgrade to Nx for the price difference of Nx and their adapter, plus shipping. For product, pricing, and upgrade information, or to request a partner referral, please contact [sales@cacetechnology.com](mailto:sales@cacetechnology.com).

### **About CACE Technologies, Inc.**

Founded in 2005 with the vision of offering superior tools to the networking community, CACE Technologies, Inc. has since become a leader in the network analysis industry. Our innovative product portfolio includes the AirPcap family of wireless packet capture adapters for Windows, the TurboCap™ full-rate dual-port Gigabit Ethernet capture and injection solution, and CACE Pilot™, a powerful and intuitive network analysis, visualization and reporting tool. CACE also provides support, training, and development for two of the most popular and highly acclaimed open-source networking tools: WinPcap and Wireshark. All of CACE' products are fully integrated with Wireshark and are designed to enhance the Wireshark user experience. For information on our tools and services, visit [www.cacetechnology.com](http://www.cacetechnology.com).

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