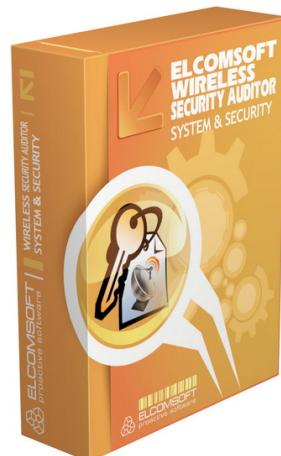


## ElcomSoft Releases an All-in-One Wi-Fi Cracking Solution

Moscow, Russia – September 23, 2010 – ElcomSoft Co. Ltd. upgrades Wireless Security Auditor, a wireless key recovery solution for Wi-Fi networks, to being a true all-in-one wireless cracking solution. Elcomsoft Wireless Security Auditor can automatically locate wireless networks, intercept data packets, and crack WPA/WPA2 PSK passwords. Adding the support of AirPCap family Wi-Fi adapters, ElcomSoft Wi-Fi password recovery tool turns any modern laptop with discrete graphics into a mobile wireless security audit system, and provides mobile forensic and law enforcement units with access to protected wireless networks.



### Background

The original version of Elcomsoft Wireless Security Auditor enabled network administrators to perform timed attacks on their wireless networks in order to determine how secure exactly their networks were. In order to operate, it required ready-made dumps or wireless traffic. The dumps could be made with a third-party “sniffer” running under Linux or Windows. The requirement to use a third-party product limited the capabilities and ease of use of Elcomsoft Wireless Security Auditor.

### Integrated Wi-Fi Sniffer

Today, ElcomSoft is integrating a wireless sniffer into Elcomsoft Wireless Security Auditor. The integrated sniffer turns Elcomsoft Wireless Security Auditor into a one-button, all-in-one solution ready to be used by corporate security officers without specific experience in information security.

The integrated sniffer is utterly convenient. Displaying all available wireless networks complete with channel numbers, MAC-addresses, SSID, speed, load and encryption parameters, the sniffer connects to a selected Wi-Fi network, and logs wireless traffic complete with “handshake” packets required to starts the password recovery attack.

### Laptop-Based Wireless Security Audit

The new built-in sniffer requires the use of a dedicated Wi-Fi adapter, and supports AirPcap family of hot-pluggable wireless USB adapters. By supporting AirPcap wireless USB adapters and including the new sniffer in the package, ElcomSoft makes it possible to turn any modern laptop(\*) into a high-end wireless security audit system.

(\*) Laptops with ATI or NVIDIA discrete graphics are recommended to enable ElcomSoft GPU acceleration.

### About Elcomsoft Wireless Security Auditor

Elcomsoft Wireless Security Auditor helps system administrators and corporate security officers to audit wireless network security. The suite attempts to recover the original plain-text password protecting Wi-Fi communications via WPA/WPA2 PSK protocols for a certain time period, ensuring or disclaiming network resistibility against the most advanced attacks.

Considering the increased security requirements found in WPA/WPA2 protected networks, Elcomsoft Wireless Security Auditor employs the highest-performance dictionary-attack with advanced mutations to allow carrying out a password audit within a limited timeframe.

The wireless cracking tool employs [ElcomSoft GPU acceleration technologies](#), using the massively parallel GPU units of modern ATI and NVIDIA graphic accelerators to perform computational-intensive calculations. By employing GPU acceleration, Elcomsoft Wireless Security Auditor becomes one of the fastest and most cost-efficient Wi-Fi password recovery and wireless security audit tools on the market.

### About AirPcap Product Family

Manufactured by CACE Technologies Inc., the [AirPcap](#) family of hot-pluggable wireless USB adapters is the first open, affordable and easy-to-deploy Windows-based packet capture solution for Wi-Fi networks. Supporting 802.11 a/b/g/n protocols, AirPcap captures full 802.11 data complete with management and control frames. The use of an AirPcap adapter provides developers with wireless traffic collection and in-depth analysis capabilities.

### About ElcomSoft Co. Ltd.

Founded in 1990, [ElcomSoft Co.Ltd.](#) develops state-of-the-art computer forensics tools, provides computer forensics training and computer evidence consulting services. Since 1997, ElcomSoft has been providing support to businesses, law enforcement, military, and intelligence agencies. ElcomSoft tools are used by most of the Fortune 500 corporations, multiple branches of the military all over the world, foreign governments, and all major accounting firms. ElcomSoft and its officers are members of the Russian Cryptology Association. ElcomSoft is a Microsoft Gold Certified Partner and an Intel Software Partner.

Elcomsoft Wireless Security Auditor supports Windows XP, Vista, and Windows 7, as well as Windows 2003 and 2008 Server. Elcomsoft Wireless Security Auditor Professional is available to North American customers for \$1199; the Standard edition is available for \$399. Local pricing varies. For more information visit <http://sniffer.elcomsoft.com/>.

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