Strongest available Wi-Fi® security

Works with Mac OS X and Windows XP clients

Easy to install and maintain

Introducing Elektron™

Wi-Fi® Security for Small Business Networks

Elektron™ provides RADIUS/802.1X authentication services for Wi-Fi® networks. When deployed in conjunction with Wi-Fi® Protected Access capable hardware, Elektron™ is the most secure solution available for protecting your small business Wi-Fi® network.

Enterprise Grade Security

Small business Wi-Fi® networks can now have the same high level of security once only available to large enterprise users. Elektron™ enables the Wi-Fi® Protected Access (WPA) Enterprise capabilities of your existing access points and clients to provide the highest level of security available.

Standards Compliance

Elektron™ includes support for the latest Wi-Fi security standards, including PEAP and TTLS. This allows Elektron™ to support not only the WPA clients built-in to Windows XP and Mac OS X 10.3, but open source and third-party client software as well.
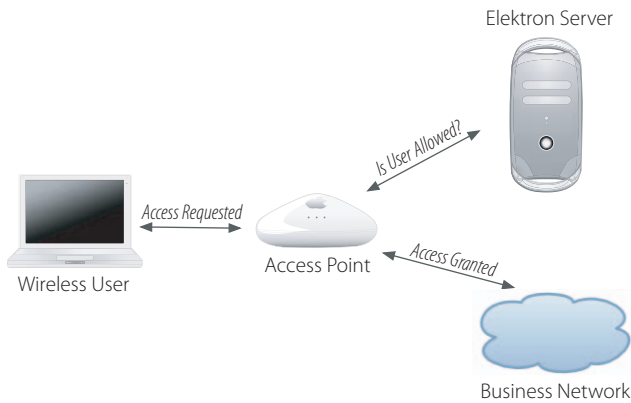
Works With Small Business Hardware

The Wi-Fi Alliance requires WPA support to be included in any access point or client adaptor that is "Wi-Fi Certified". This means that popular hardware available from makers like Linksys, D-Link, and Apple support WPA right out of the box. With Elektron™, there's no need to buy expensive enterprise-level hardware to get enterprise-level security.

How Elektron™ Secures Your Wi-Fi® Network

Every Wi-Fi® deployment raises two concerns: ensuring that data sent over the network is free from eavesdropping, and that only authorized users can access the network. Elektron™ works with your WPA-capable Wi-Fi® hardware to solve both problems. Each and every user attempting to login to your network is required to provide their unique username and password in order to be granted access, keeping unauthorized users off your Wi-Fi® network. What's more, Elektron generates a separate encryption key for each user accessing the network, keeping your network traffic private.

Elektron Server

Is User Allowed?

Access Requested

Access Point

Access Granted

Wireless User

Business Network

Availability

Elektron™ is available for Windows and Mac OS X. Using our online store at http://www.corriente.net/store you can purchase, download, and begin using Elektron™ to secure your network immediately. If you prefer, you can also download a free, full-featured, no obligation 30 day version of Elektron™ to try it out and see how Elektron™ can secure your Wi-Fi network. Visit us at today at http://www.corriente.net.

Client Software

Elektron™ works with the WPA clients built into both Windows XP and Mac OS X 10.3. With these platforms, there is no need to pay for and deploy any additional software, saving you time and money.

Specifications

Supported Standards	RADIUS (RFC 2865) PEAP version 0 (internet draft) PEAP version 1 (internet draft) TTLS (internet draft) IEEE 802.1X TLS (RFC 2246) ITU X.509v3
Compatible Clients	Window XP (SP1 or later) Mac OS X 10.3 (Panther) Open1x XSupplicant Any PEAP or TTLS compatible client with a WPA Enterprise card
Elektron Requirements	Mac OS X: Mac OS X 10.2.8 or later or Mac OS X Server 10.2.8 or later, 128 MB RAM, 20 MB free disk space Microsoft Windows: Windows 2000, XP Professional, or Windows Server 2003, 128 MB RAM, 20 MB free disk space
Compatible Access Points	Any WPA Enterprise capable access point, such as Apple Airport Extreme or Airport Express, Linksys WRT54G, D-Link Airplus ExtremeG, or Buffalo Airstation G54

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