



VPN Tracker

Secure Networking for Mac OS X



Interoperability

VPN Tracker has been tested with numerous IPsec-compatible devices. Simple step-by-step how-to guides ensure that even users new to VPN applications are able to set up encrypted connections.

VPN Tracker Server

This software is the perfect companion in order to build up a VPN completely on the Mac platform.

Compatible Software

- Check Point
- Clavister
- FreeBSD / OpenBSD / NetBSD
- FreeS/WAN (Linux)
- F-Secure
- PGPnet
- Stonesoft
- Symantec
- Windows 2000 / XP
- Novell BorderManager

Compatible Hardware

- Amaranthen
- Asanté
- Cisco
- CyberGuard
- DrayTek
- Fortinet
- Ingate
- LANCOM
- NETGEAR
- Netopia
- Juniper/NetScreen
- NETASQ
- Nokia (Check Point)
- Nortel
- Pyramid BenHur II
- SnapGear
- SonicWALL
- WatchGuard
- ZyXEL

The above list is no guarantee that VPN Tracker is suitable for your specific configuration. Please use the free demo version to test compatibility.

Editions

VPN Tracker Personal Edition

VPN Tracker Personal Edition is the perfect solution for anyone who needs to secure one single network connection, for example between a home computer and an office network or remote computer. This single connection can be between two hosts (e.g. connecting to another Mac running VPN Tracker), or between a host and a network (e.g. connecting to your office LAN).

VPN Tracker Professional Edition

The Professional Edition of VPN Tracker is the fullfeatured product for network security. It supports various encryption algorithms for very high security environments. Features like multiple connections, connection export, certificate enrollment and scripting make deployment of large-scale IPsec installations happen in no time at all and allow customization for special needs.

VPN Tracker is the leading, full featured IPsec VPN client for the Mac platform. It sets up secure, encrypted tunnels over the Internet that can be used to establish connections in various scenarios:

- Mobile workers and telecommuters are able to set up secure connections to the company's intranet in just seconds.
- Interconnection via branch offices over a highly secured VPN tunnel allows employees safe access to servers in their head office.
- AirPort networks (wireless) can be secured by VPN Tracker providing unparalleled protection against unwanted tampering.

In all of these scenarios, sensitive information is sent over public networks such as the Internet. VPN Tracker is the #1 Mac solution for highly secure networking. This user friendly application provides not only military grade encryption but all of the following features:

More than 250 Devices Supported

VPN Tracker is compatible to most market leading VPN vendors and to over 250 gateway devices.



Smart VPN

Whether at home, abroad or in the office – VPN Tracker 4 automatically connects when needed.



Traffic Indicator

VPN Tracker 4 provides an overview of the incoming and outgoing VPN bandwidth.



One Password for VPN & All Your Services

VPN Tracker 4 supports XAUTH to authenticate against a central password server ("Single Sign-On").



Server-side configuration

Mode-Config (Cisco, Juniper) or DHCP (SonicWALL) enable automatic client provisioning by the central VPN gateway – one configuration fits all.



Connect Reliably from Behind NAT Routers

Automatic NAT Traversal decides which is the best way to establish a VPN connection from behind NAT routers.



SecurID Your VPN

VPN Tracker supports various two-factor authentication systems using password and hardware token.





System Requirements

- Apple Macintosh G3/G4/G5, Intel Core Solo/Duo
- Mac OS X 10.2, 10.3, 10.4 or higher

Compatibility

Encryption Algorithms

- AES-128/192/256
- Blowfish
- CAST128
- DES-IV64, DES-IV32
- 3DES, DES

Authentication Algorithms

- HMAC-SHA1
- HMAC-MD5

Diffie Hellman Groups

- DH Group 1, 2 and 5

Authentication Methods

- Pre-shared Key
- RSA X.509 Certificates (PEM, DER, PKCS#12, FreeS/WAN formats supported, built-in certificate management and CA functionality)
- XAUTH (incl. Keychain Support)
- RADIUS support (RSA SecurID, CRYPTOCARD, etc.)

NAT Traversal

RFC draft versions 0-7 are supported. Automatic NAT Traversal/ IPsec Passthrough detection. Cisco UDP encapsulation supported.

Client Provisioning

- Mode-Config (Cisco Easy VPN, Juniper/NetScreen)
- Cisco Load Balancing
- DHCP (SonicWALL)

Licenses and Prices

Personal License

- 1 Computer License US\$ 89.90*
- EUR 79.00*

Professional License

- 1 Computer License US\$ 199.90*
- EUR 179.00*

* Local sales tax may apply

Volume licensing options available online at:
www.vpntracker.com/buy

Free Demo Version at:

www.vpntracker.com/download

More Information

For additional information on VPN Tracker, please visit our website:

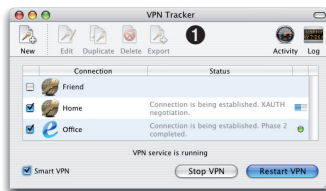
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1 Managing Connections

The connections you set-up are clearly listed in the VPN Tracker main window. Individual connections can easily be deactivated if required. When the IPsec service is running, red and green indicators and the dock icon display the current status of the connections.



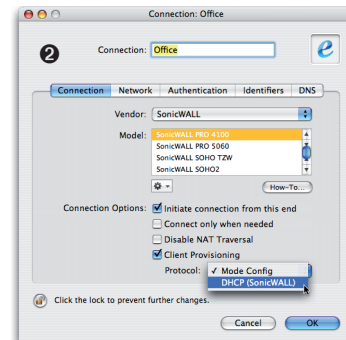
2 Editing Connections

In order to ensure the compatibility of VPN Tracker with other IPsec solutions, select the vendor and model of your third-party appliance (e.g. VPN Tracker Server, SonicWALL, Check Point, etc).

Our how-to documentation for third-party devices can be easily accessed from within the application.

Enter your network parameters and specify the authentication method (Pre-shared key, Certificates, XAUTH).

You can choose to use a DNS server in the remote network.



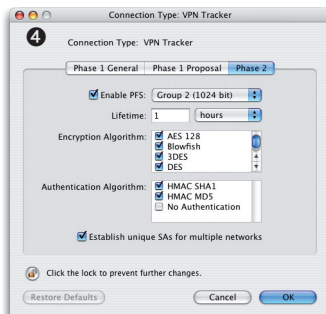
3 Authenticating a XAUTH Connection

When using Extended Authentication (XAUTH), VPN Tracker will ask you for your username and password when the connection is being established. You can save the password encrypted in your Mac OS X keychain.



4 Editing Connection Types

Should your Firewall have special requirements, e.g. as to the type of encryption, there is the option of setting the IPsec connection



parameters in the Connection Type window.

In order to make this as easy as possible, VPN Tracker provides connection types, which are already optimized for maximum security and compatibility with many third-party solutions. Moreover, it is consequently possible to configure VPN Tracker with currently untested solutions.

	VPN Tracker Personal Edition	VPN Tracker Professional Edition
Connect your computer to a VPN server/gateway (host to network)	✓	✓
Connect to multiple networks simultaneously	✗	✓
Connect a branch office to a central VPN server (net-to-net)	✗	✓
Authentication by password (Pre-shared key)	✓	✓
Authentication by certificates	✓	✓
Support for Extended Authentication (XAUTH)	✓	✓
Enter password on demand (don't store on disk)	✗	✓
High Encryption (AES-192, AES-256)	✗	✓
Issue & sign certificates	✗	✓
NAT Traversal, Cisco UDP encapsulation	✓	✓
Dynamic Client Provisioning via Mode-Config or DHCP (SonicWALL)	✓	✓
Smart VPN	✓	✓
Export connections	✗	✓
Scripting support	✗	✓
Single license price starts at	US\$ 89.90	US\$ 199.90