LANCOM Advanced VPN Client Mac OS X

Universal VPN Software Client

- High-security, encrypted corporate network access when travelling
- Integrated stateful inspection firewall
- Support of all IPsec protocol extensions
- IPsec over HTTPS (based on NCP Path Finder Technology)

LANCOM
Systems

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Operating systems	
Microsoft Windows	LANCOM Advanced VPN Client Version 2.02 ■ Mac OS 10.5 Leopard ■ Mac OS 10.6 Snow Leopard ■ Mac OS 10.7 Lion LANCOM Advanced VPN Client Version 2.05 ■ Mac OS 10.8 Mountain Lion ■ Mac OS 10.9 Mavericks ■ Mac OS 10.10 Yosemite ■ Mac OS 10.11 El Capitan ■ mac OS Sierra
Languages	German and English
Communication	
Connection management	Communication only via secured VPN tunnel or with simultaneous unsecured Internet access. Manual or automatic connection establishment, adjustable hold-times with automatic connection establishment.
Connection types	VPN connection over existing IP connection
Protocols	All IP-based protocols
VPN/IPSec	
Standards	Standard-conform IPSec with ESP (Encapsulation Security Payload) and/or AH (Authentication Header)
Encryption	3-DES (168 bit), AES (128, 192 or 256 bit), Blowfish (128 bit), RSA (1024 or 2048 bit)
Hashes	MD-5, SHA-1, SHA-256, SHA-384 and SHA-512
IKE operating modes	IKE with pre/shared keys or certificates, IKE Main or Aggressive Mode, DH groups 1, 2, 5, and 14. Re-keying after adjustable transfer volumes or time. In combination with LANCOM VPN remote sites, an IKE extension enables separate pre-shared keys to be used for each user in Aggressive Mode as well.
Additional functions	
IPSec over HTTPS	To overcome VPN filter (e.g. port 500 blocking for IKE). LANCOM VPN router and gateways with LCOS 8.0 or higher needed. IPSec over HTTPS is based on the NCP VPN Path Finder Technology.
X.auth	For authentication by username/password
IKE config mode	For assignment of IP parameters (local IP address, DNS and WINS server) to the client
IPCOMP	IPCOMP data compression (LZS) for optimal bandwidth exploitation
dead-peer detection (DPD)	Dead-peer detection (DPD) for connection monitoring
NAT-Traversal	NAT-Traversal (NAT-T) to overcome routers not capable of IPSec masking, or when using AH
RAS user template	Configuration of all VPN client connections in IKE ConfigMode via a single entry in the LANCOM VPN gateway
EAP-MD5	For extended authentication of layer-2 devices such as switches or WLAN access points
PKI	
Certificates	Public Key Infrastructure according to X.509v3, PKCS#11, PKCS#12 Support
Certificate extension	Control of, and notice about, a certificate's validity period
Certificate revocation lists (CRL)	Control of the CRL and ARL (Certificate and/or Authority Revocation List)
One-Time Password	Convenient entry through separated PIN and password
Firewall	
	Stateful inspection firewall, direction-dependant packet filter with IP- and port ranges per protocol, LAN-adapter protection to protect PCs with active VPN connections from attacks from other LAN users, IP broadcast and NetBIOS/IP filter
Installation	
Wizards	Tailor-made Setup Wizards are available for all types of connection
Administration	
Password protection	Password protection for configuration and profile management, configuration rights can be defined for each function area, display/hide parameter fields

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Activation	
Online/offline activation	After installation, the software will function for a period of 30 days. Activation must take place within these 30 days. This can be conducted either directly online (requiring Internet access from the corresponding Mac) or offline (requiring Internet access from any other MaC). Activation is anonymous. No user-specific data of any kind is transmitted.
Updates	
Update	An update to a later version is generally available for free and can be carried out without purchasing a new license key. An update provides all of the previous bugfixes from earlier versions.
Upgrade	With an upgrade to the current version, users of older versions can take advantage of the new features in the current version. An upgrade is subject to a fee and requires a new upgrade license key to be purchased, along with a new activation. Upgrades are only possible with a maximum of **2 software versions** between the version that was activated originally and the current version.
Support	
Support	Support via hotline and Internet
Service	30-day demo version from www.lancom.de
Package content	
Manual	Printed Quick Installation Guide (DE/EN)
CD	Software CD
Key	Printed license key
Item numbers	
Item no. 61606	LANCOM Advanced VPN Client Mac, for Mac OS 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11 and 10.12
Item no. 61607	LANCOM Advanced VPN Client Mac (10 Bulk), for Mac OS 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11 and 10.12