

VPN Clients

Virtual Private Network (VPN) for secure remote access

Businesses large and small need to address the growing demands of more distributed work sites and an increasingly mobile workforce in order to compete in today's global marketplace. Remote access has become a business imperative.

Dell™ SonicWALL™ VPN Clients offer a flexible easy-to-use, easy-to-manage Virtual Private Network (VPN) solution that provides distributed and mobile users with secure, reliable remote access to corporate assets via broadband,

wireless and dial-up connections. For remote client-to-host secure access, Dell SonicWALL offers both SSL VPN and IPSec VPN connectivity options. For SSL VPN, Dell SonicWALL NetExtender provides thin client connectivity and clientless Web-based remote access for Windows, Windows Mobile, Mac and Linux-based systems. For IPSec VPN, Dell SonicWALL Global VPN Client enables the client system to download the VPN client for a more traditional client-based VPN experience.





- Enhanced layered security
- Easy VPN management
- Ease-to-follow wizards
- Extended user reach and productivity
- VPN session reliability
- Clientless connectivity
- NetExtender technology
- Mobile device support

Features and benefits

Enhanced layered security is enabled when a Dell SonicWALL Network Security Appliance uses powerful deep packet inspection technology to scan VPN traffic for malicious threats such as viruses, worms, Trojans and spyware. The combined solution is known as Dell SonicWALL Clean VPN*.

Easy VPN management Dell SonicWALL's award-winning Global Management System (GMS) provides simplified management of Dell SonicWALL VPN Client connections.

SSL VPN for Network Security – NetExtender

Clientless connectivity removes the need for a pre-installed or "fat" VPN client, thus freeing administrators from the tedious and costly task of installing and updating a client on users' Windows, Mac or Linux-based systems.

NetExtender technology provides enhanced capabilities such as network level access to additional resources, services and applications on the corporate network.

Mobile device support to access an entire intranet as well as Web-based applications provides greater flexibility for a remote workforce.

Global VPN Client

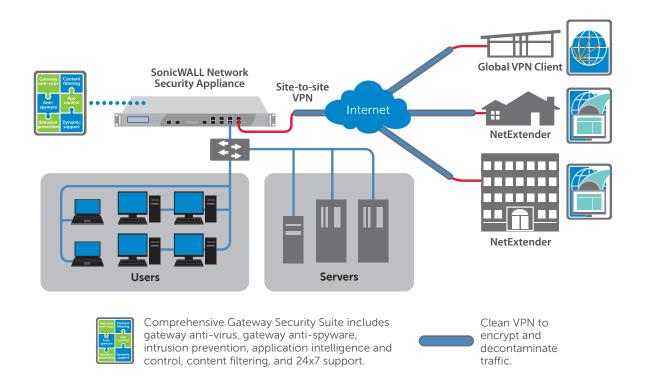
Easy-to-follow wizards help users install and configure a VPN connection quickly and easily. IPSec VPN users simply enter the domain name or IP address of the Dell SonicWALL VPN gateway and the Global VPN Client configuration policy is automatically downloaded.

Extended user reach and productivity by connecting from any single or dual-processor computer running one of a broad range of Microsoft® Windows® platforms. Further extending secure

remote access, the Global VPN Client enables encapsulated VPN traffic to traverse any IP network using Network Address Translation (NAT).

VPN session reliability provides simultaneous Global VPN Client connections that can be established to multiple Dell SonicWALL VPN gateways. The Global VPN Client supports redundant Dell SonicWALL VPN gateways to ensure mission-critical network access in the event the primary gateway fails.

*Clean VPN requires an active Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention subscription for the governing Dell SonicWALL network security appliance.





Features

License bundles	SSL VPN Client licenses	Global VPN Client licenses	
Hardware	Bundled/Max	Bundled/Max	
TZ 105/TZ 105 W-N	1/5	0/5	
TZ 205/TZ 205 W-N	1/10	2/10	
TZ 215/TZ 215 W-N	2/10	2/25	
NSA 220/250 M	2/15	2/25	
NSA 2400	2/25	10/250	
NSA 3500	2/30	50/1,000	
NSA 4500	2/30	500/3,000	
NSA 5000	2/30	500/3,000	
NSA E5500	2/50	2,000/4,000	
NSA E6500	2/50	2,000/6,000	
NSA E8500	2/50	2,000/10,000	
NSA E8510	2/50	2,000/10,000	

System requirements for NetExtender

TZ 100, 200, 210 Series, NSA or E-Class Hardware NSA Series Appliance

Firmware/OS

Requires firmware version 5.2 or higher Windows 2000, 2003, XP/Vista (32-bit and 64-bit) Win Mobile 5 (Pocket PC), Win Mobile 6 (Classic/Professional), MacOS 10.4+ (PowerPC and Intel), Linux Fedora Core 3+ / Ubuntu 7+ / OpenSUSE

System requirements for Global VPN Client

Requires third-, fourth- or fifth-generation Dell SonicWALL network Hardware

security appliance

Requires firmware version 6.4.2 or higher or SonicOS 3.0 or higher Firmware/OS IBM-compatible computer with an Intel/

AMD processor

28 MB

	32 Bit	64 Bit
XP Professional SP2	Yes	Yes
XP Home SP2	Yes	No
Vista Enterprise SP1	Yes	Yes
Vista Business SP1	Yes	Yes
Vista Home Basic SP	Yes	Yes
Vista Home Premium SP1	Yes	Yes
Vista Ultimate SP1	Yes	Yes

Available hard disk

RAM 512 MB

Network connection

Ethernet network interface card with NDIS compliant driver and/or dial-up adapter (internal or external modem ISDN terminal adaptor) or wireless LAN

Technical specifications for Global VPN Client

ESP (Encapsulated Security Payload) IPsec modes Encryption DES (56-Bit), 3DES (168-Bit), AES algorithms (256-Bit)

Data integrity MD5, SHA-1 Authentication and

User authentication

Standards and

RFCs supported

IKE (Internet Key Exchange) key management

> RADIUS with XAUTH, Local User, LDAP, Microsoft Active Directory, Novell eDirectory

Certificate support Microsoft, Verisign, Entrust

ESP Tunnel Mode, IKE (ISAKMP/Oakley): Internet RFCs Supported Key Exchange (RFC2407-2409), NAT-Traversal (IETF drafts), X.509 v3 certificates: (RFC2459), PKCS #7: Cryptographic Message Syntax Standard (RFC2315), PKCS #12: Personal Information Exchange Syntax Standard, FIPS Pub 46-1: Data Encryption Standard, FIPS Pub 180-1: Secure Hash Standard, Microsoft Vista 32-bit



Dell SonicWALL SSL VPN Client

SSL VPN Client 1 License 01-SSC-8629 SSL VPN Client 5 Licenses 01-SSC-8630 SSL VPN Client 10 Licenses 01-SSC-8631 SSL VPN Client 25 Licenses 01-SSC-8632

SSL VPN Client 50 Licenses 01-SSC-8633



Dell SonicWALL Global VPN Client

Global VPN Client for Windows 01-SSC-5310 Global VPN Client for Windows 5 Licenses

01-SSC-5316 Global VPN Client for Windows

10 Licenses 01-SSC-5311

Global VPN Client for Windows 50 Licenses

01-SSC-5313

Global VPN Client for Windows

100 Licenses 01-SSC-5314

Global VPN Client for Windows

1,000 Licenses 01-SSC-2897