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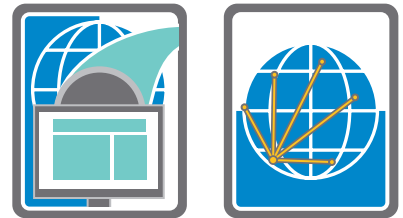
- **Enhanced layered security**
- **Easy VPN management**
- **Ease-to-follow wizards**
- **Extended user reach and productivity**
- **VPN session reliability**
- **Clientless connectivity**
- **NetExtender technology**
- **Mobile device support**

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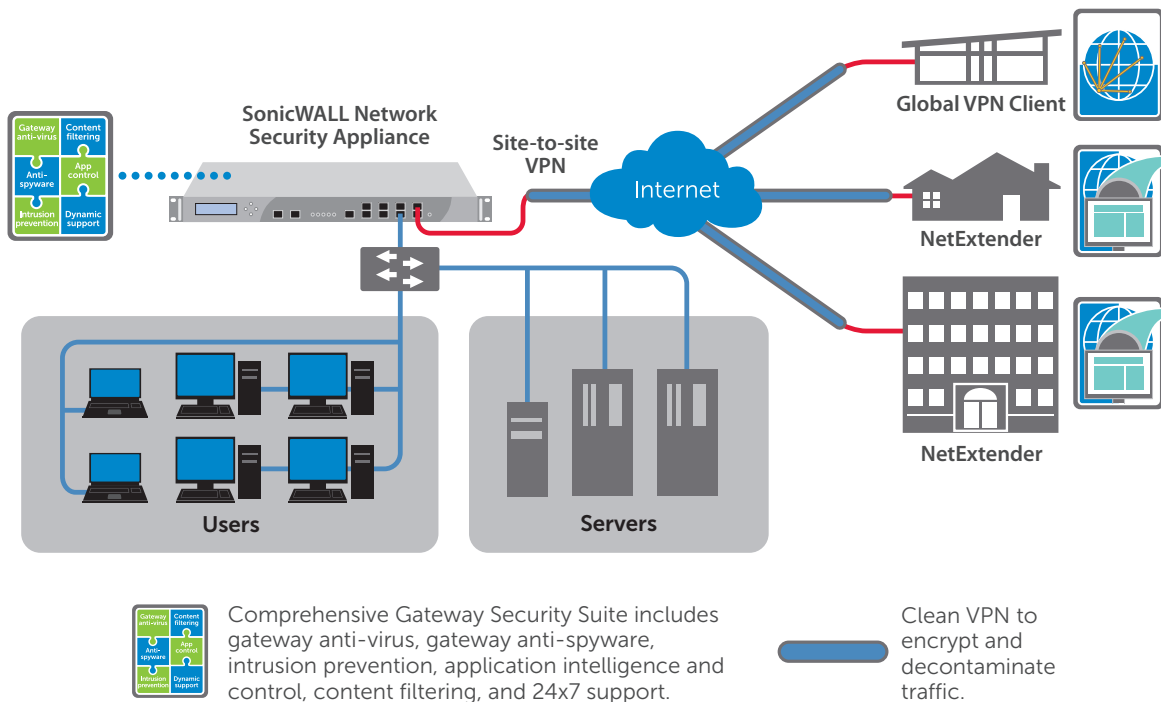
Global VPN Client
Easy-to-follow wizards help users install and configure a VPN connection quickly and easily. IPSec VPN users simply enter the domain name or IP address of the Dell SonicWALL VPN gateway and the Global VPN Client configuration policy is automatically downloaded.

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.

Comprehensive Gateway Security Suite includes gateway anti-virus, gateway anti-spyware, intrusion prevention, application intelligence and control, content filtering, and 24x7 support.

Clean VPN to encrypt and decontaminate traffic.

DELL Software

Features

License bundles Hardware	SSL VPN Client licenses Bundled/Max	Global VPN Client licenses 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

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

Hardware	Requires third-, fourth- or fifth-generation Dell SonicWALL network security appliance
Firmware/OS	Requires firmware version 6.4.2 or higher or SonicOS 3.0 or higher IBM-compatible computer with an Intel/AMD processor

	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 space	28 MB
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

IPsec modes	ESP (Encapsulated Security Payload)
Encryption algorithms	DES (56-Bit), 3DES (168-Bit), AES (256-Bit)
Data integrity	MD5, SHA-1
Authentication and key management	IKE (Internet Key Exchange)
User authentication	RADIUS with XAUTH, Local User, LDAP, Microsoft Active Directory, Novell eDirectory
Certificate support	Microsoft, Verisign, Entrust
Standards and RFCs supported	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
1 License
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

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