

SONICWALL

IPSec VPN



SonicWALL VPN enables simple and cost-effective remote access for telecommuters, branch offices, customers, suppliers and partners. SonicWALL VPN uses the IPSec industry standard protocol to provide secure communication over the Internet, eliminating the need for expensive leased lines between offices, or dedicated modem banks and remote access servers for dial-up users.

SonicWALL VPN offers:

- ***Secure remote access for branch offices, telecommuters, and remote dial-up users***
- ***Industry standard IPSec VPN implementation for wide interoperability***
- ***Simplified VPN deployment and management***

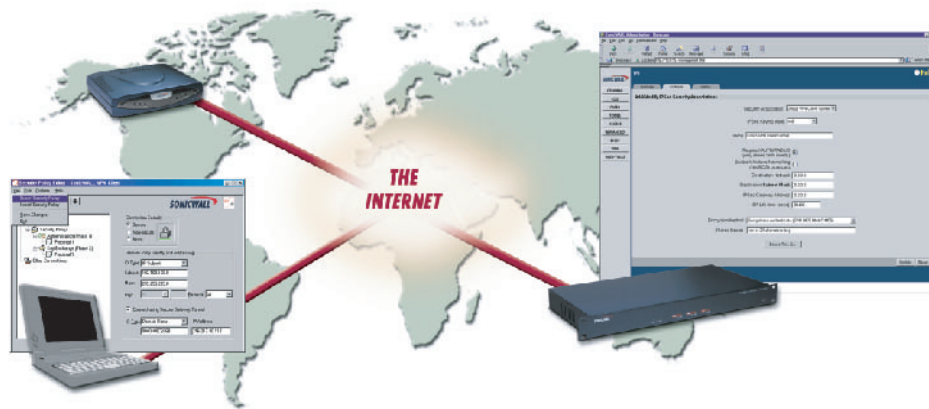
Branch offices and telecommuters can use SonicWALL VPN to securely communicate with the main office or with each other. SonicWALL VPN is easy to setup between two SonicWALLs, and seamlessly supports Windows networking by allowing users to view both local and remote resources in the same Windows Network Neighborhood. SonicWALL VPN is also compatible with other VPN gateways based on the IPSec standard such as Check Point Firewall-1, Cisco PIX, Nortel Contivity and Axent Raptor, making it a perfect VPN solution for branch offices and telecommuters, whether or not there is a SonicWALL VPN gateway in the main office.

The SonicWALL VPN client allows mobile users to securely access private LAN resources over the Internet using dial-up modem connections. SonicWALL VPN Client supports Windows 95, 98, NT and 2000 and is perfect for traveling workers, such as remote sales and service personnel. The SonicWALL VPN solution allows the administrator to easily deploy and manage VPN clients for remote dial-up users. Using the SonicWALL Group VPN Tunnel feature, a single VPN settings file may be distributed to all VPN client users who share the group VPN tunnel on the SonicWALL. Individual VPN client users can then be authenticated using the SonicWALL Authentication Service to provide user-level access control.

When combined with SonicWALL Global Management System (SonicWALL GMS) and the existing line of SonicWALL Internet security appliances, SonicWALL VPN gives businesses the tools necessary to establish and manage large, secure, virtual private networks or offer managed VPN services.

SonicWALL VPN Features and Benefits

- **Interoperable IPSec VPN Implementation.** SonicWALL VPN is based on the IPSec standard for VPN, so it's compatible with other VPN products with the same IPSec implementation, such as Check Point Firewall-1, Cisco PIX, Nortel Contivity and Axent Raptor.
- **Seamless Support of Windows Networking.** VPN tunnels between two SonicWALLs can pass Windows Networking broadcasts, which support Windows Network Neighborhood. Users can then view both local and remote network resources in the same Windows Network Neighborhood.
- **VPN Client for Secure Dial-Up Access.** The SonicWALL VPN Client allows your organization to include dial-up Internet users into the SonicWALL VPN. The SonicWALL Client supports Windows 95, 98, NT and 2000. The SonicWALL group VPN tunnel feature simplifies deployment of VPN clients by allowing distribution of a common VPN client configuration to remote users.
- **Authentication Service.** SonicWALL Authentication Service adds strong authentication using digital certificates to VPN-enabled SonicWALL Internet security appliances and SonicWALL VPN Client software. This optional service provides the benefits of PKI without the cost and complexity of do-it-yourself PKI solutions.
- **SonicWALL Global Management System (GMS).** Large, distributed enterprises and service providers can centrally manage and monitor hundreds of SonicWALL VPN deployments using SonicWALL GMS.



SonicWALL VPN Part Numbers

SonicWALL VPN	VPN Client for Windows	Authentication Service
SonicWALL TELE2 Included	01-SSC-2613 Single License	01-SSC-2780 For SonicWALL TELE2
SonicWALL SOHO2 01-SSC-2595	01-SSC-2610 10 User License	01-SSC-2781 For SonicWALL SOHO2
SonicWALL XPRS2 01-SSC-2596	01-SSC-2616 50 User License	01-SSC-2782 For SonicWALL XPRS2
SonicWALL PRO Included	01-SSC-2617 100 User License	01-SSC-2783 For SonicWALL PRO/PRO-VX
SonicWALL PRO-VX Included	<i>SonicWALL PRO Includes a Single VPN Client License</i>	01-SSC-2784 Single SonicWALL VPN Client Certificate
<i>SonicWALL VPN for SonicWALL SOHO2 and XPRS2 Includes a Single VPN Client License</i>	<i>SonicWALL PRO-VX Includes a 50 User VPN Client License</i>	01-SSC-2785 10 SonicWALL VPN Client Certificates
		01-SSC-2786 50 SonicWALL VPN Client Certificates
		01-SSC-2787 100 SonicWALL VPN Client Certificates

SonicWALL VPN Specifications

IPSec Compliant

ICSA IPSec certified

IPSec Modes

ESP (Encapsulated Security Payload)
AH (Authentication Header)

Encryption Algorithms

56 bit Data Encryption Standard (DES)
168 bit Data Encryption Standard (3DES)
56 bit ARCfour

Data Integrity

HMAC-MD5

Authentication and Key Management

Gateway-to-Gateway, Client-to-Gateway
Internet Key Exchange (IKE)
Manual Keys

IKE Features

Diffie-Hellman Group 1
Quick/Main/Aggressive modes

Protocol Support

IPSec RFC 1829, 2104, 2401-2410

VPN Client

Windows 95, 98, NT and 2000 platforms

Configurable Security Associations/ Simultaneous VPN Tunnels

SonicWALL TELE2	5
SonicWALL SOHO2	10
SonicWALL XPRS2	25
SonicWALL PRO	100
SonicWALL PRO-VX	1000

User Authentication

SonicWALL Authentication Service
RSA SecurID®
RADIUS