

SonicWALL Anti-Virus and Anti-Spyware Solutions

ANTI-VIRUS

Comprehensive Network Protection Against Blended Threats

SonicWALL's layered anti-virus and anti-spyware solutions deliver comprehensive threat protection that is easy-to-deploy, simple to manage with low total cost of ownership.

Viruses. Worms. Trojans. Spyware.

As technology grows more powerful and complex, so do the threats that endanger advanced technology systems. Today's organizations face increasing numbers of sophisticated threats that replicate more rapidly than ever before. Today, hackers commonly issue 'blended' threats, which are multi-factored attacks designed to overcome network security measures. A blended threat might use a combination of a Trojan, keylogger, spam and social engineering to mount an attack. As viruses and other malware spread across networks through a variety of agents—e-mail, instant messaging (IM), mobile phones and PDAs—they pose a significant risk, ranging from costly downtime to crippling loss of data.

Viruses endanger organizations at the three network touchpoints—*gateways, servers and clients*. Viruses and spyware can easily bypass many of today's gateway firewalls and routers without being detected. Threats can also infiltrate servers via direct server users and through servers' constant interaction with the Internet. Most vulnerable are clients using applications such as Internet Explorer, peer-to-peer, IM and streaming media as well as detachable storage devices, that provide readily available points of entry for threats. Even if virus protection is installed at all three of these network touchpoints, systems are frequently left exposed during the time between virus outbreak and new signature delivery. Today's security managers must adopt a multi-layered approach that addresses each point of vulnerability and shortens the time required for new signature delivery required to fend off new threats.

Layered Anti-Virus and Anti-Spyware Protection Addresses Vulnerabilities

SonicWALL® provides a layered anti-virus and anti-spyware solution to protect all three vulnerable areas from emerging threats. Running on SonicWALL network security appliances, these solutions deliver protection through a variety of features including comprehensive virus and spyware scanning, a continually updated virus and spyware signature database, and automated enforcement of anti-virus and anti-spyware software on every desktop.

Perimeter Protection

The Internet's anonymity and connectivity help viruses rapidly traverse perimeter walls and mount attacks on other systems. SonicWALL provides **Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service** as the first layer of defense to stop threats before they enter the network. This solution:

- Provides zero day protection for medium- and high-alert threats by deploying virus signatures directly at the gateway. This prevents the replication of viruses over the VPN and the internal network, providing virus protection between zones.
- Delivers intelligent, file-based virus and malicious code prevention by scanning the network in real time for decompressed and compressed files containing viruses and other threats.
- Enables organizations to prevent IM and peer-to-peer file sharing programs from operating through the firewall—closing a potentially hazardous back door to the network.

Server Protection

Servers are vulnerable to server-to-server and server-to-person threats because they continually exchange data with outside sources. As the central point in a network, a server can easily spread viruses that originate on client devices lacking virus protection. SonicWALL **Client/Server Anti-Virus Suite** provides continuously updated protection for all sensitive information residing on messaging servers, Web servers, database servers, collaboration servers, as well as desktops and laptops, from virus infection via client networks. The solution also prevents viruses from proliferating during server backups. This offering:

- Includes an award-winning scanning engine that captures known and new viruses before they infect multiple systems. Detected viruses can be automatically cleaned, deleted or even quarantined for future analysis and origin tracing.



Server Protection (continued)

- Secures sensitive and critical data located on all types of servers and prevents the propagation of viruses.
- Delivers automated, always-on protection through daily anti-virus updates without IT Administrator intervention.

Client Automated Protection

If malware does manage to penetrate network- and server-level defenses—through an unprotected guest client or infected mobile device, for example—a client-based solution offers the next layer of protection. SonicWALL **Enforced Client Anti-Virus and Anti-Spyware** uses a single integrated client to deliver comprehensive virus, spyware and desktop firewall protection for desktops and laptops. This solution:

- Automates the deployment of anti-virus and anti-spyware software and signature updates by enforcing them network-wide at the gateway.
- Offers enforcement capability that shields against viruses and spyware seeking to disable existing local virus and spyware protection.
- Scans for and blocks the installation of spyware programs.

Vulnerability Touch Points

(A) Gateway: Vulnerable to network threats that can bypass traditional firewalls and VPNs

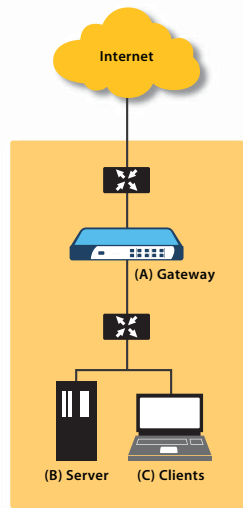
(B) Servers: Vulnerable to threats that can infiltrate through:

- Users
- Interactions with the Internet

(C) Clients (Desktops and Laptops):

Vulnerable to threats that originate from:

- Devices on and off managed networks
- Peer-to-peer and Instant Messaging applications
- Portable media (CDs, Flash drives, etc.)
- Streaming media



Layered Protection

(A) Gateway: SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service

- Day Zero protection for medium/high threats
- First layer of defense for your network

(B) Servers: SonicWALL Client/Server Anti-Virus Suite

- Automated, always-on protection through daily signature updates
- Captures known and new viruses without intervention

(C) Clients (Desktops and Laptops): SonicWALL Enforced Client Anti-Virus and Anti-Spyware

- Single integrated client for virus and spyware protection
- Gateway-enforced, always-on automated protection with daily signature updates
- Automated gateway-enforced deployment of client software

SonicWALL Advantage: Enforcement, Layered Security and Price.

Comprehensive, Automated, Affordable Protection

SonicWALL delivers superior virus and spyware protection by significantly narrowing the timeframe between the appearance of new viruses and the release of anti-virus updates. This rapid time-to-protection is achieved through a comprehensive blend of dynamic signature updates, deployment of virus signatures directly at the gateway and automated enforcement that retrieves and deploys anti-virus software the moment it is available. While highly sophisticated, SonicWALL solutions are transparent to end-users and offer a convenient, single point of management that ensures SonicWALL solutions are easy-to-deploy and update. By combining multi-layered protection, SonicWALL offers comprehensive anti-virus and anti-spyware solutions with significantly less complexity than separately packaged competitor solutions.

Benefits of SonicWALL Anti-Virus Solutions

- *Layered protection in three key areas—perimeter, servers, clients*
- *Comprehensive protection against sophisticated, blended threats*
- *Cost-effective, bundled anti-virus and anti-spyware strategy*
- *Dynamic signature updates shorten time to protection*
- *Automated, network-wide enforcement of anti-virus and anti-spyware software and signature updates for desktops and laptops*
- *Single point of management for convenient anti-virus and anti-spyware deployment*
- *Higher level of assurance with multi-vendor signature writing*
- *Detailed, aggregated reporting for virus and spyware protection policies*
- *Provides Zero Day protection by deploying virus signatures directly at the gateway*

For more information on SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service, Enforced Client Anti-Virus and Anti-Spyware and Client/Server Anti-Virus Suite, please visit <http://www.sonicwall.com>

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