

# SonicWALL Anti-Virus and Anti-Spyware Solutions

ANTI-VIRUS

Complete Network Protection Against Blended Threats

**SonicWALL's layered anti-virus and anti-spyware solutions deliver comprehensive threat protection that automates enforcement and minimizes time to deliver complete virus and spyware protection.**

## **Viruses. Worms. Bot attacks. 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. Hackers commonly issue 'blended' threats, which are multi-pronged attacks designed to inflict maximum network damage. 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 down time to a 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 firewalls and routers without being detected. Threats can also infiltrate servers via server users and through 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 ready entry for threats. Even if virus protection is installed at all three of these network touchpoints, systems are left exposed during the time between virus outbreak and new signature delivery. Today's security managers must adopt a multi-tiered 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 enter 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-business 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, 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)**

- Provides full-featured e-mail attachment filtering that provides immediate protection against virus outbreaks propagated through file attachments.
- Delivers automated, always-on protection through daily anti-virus and anti-spyware updates without end-user intervention.

**Client Automated Protection**

If malware manages to penetrate network- and server-level defenses—through an unprotected guest client or infected mobile device, for example—a client-based solution offers additional protection. SonicWALL **Enforced Client Anti-Virus and Anti-Spyware** uses a single integrated client to deliver comprehensive virus and spyware 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.
- Blocks transmission and communication of confidential data.
- Delivers automated, always-on protection through daily anti-virus and anti-spyware updates without end-user intervention.

**Vulnerability Touch Points**

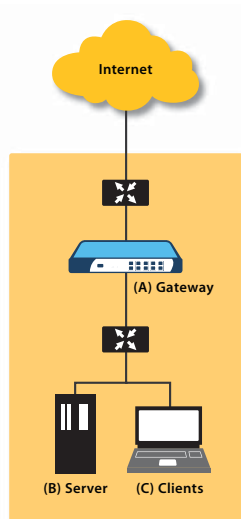
**(A) Gateway:** Vulnerable to network threats that can bypass traditional firewalls and VPNs

**(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 the use of

- Peer-to-peer applications (Instant Messaging)
- 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
- Full-featured e-mail attachment filtering for protection against e-mail based virus outbreaks

**(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 SonicWALL solutions maintain an inner complexity that ensures their effectiveness, their intricacy is transparent to end-users and a convenient, single point of management ensures that SonicWALL solutions are easy to deploy and update. By combining multi-tier protection, SonicWALL offers anti-virus and anti-spyware solutions for significantly less than separately packaged competitor solutions.

**Benefits of SonicWALL Anti-Virus Solutions**

- *Comprehensive protection against sophisticated, blended threats*
- *Layered protection in three key areas—perimeter, servers, clients*
- *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/products/vpnsoft.html>

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