Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service

Intelligent Real-time Protection

- **Inspection of unlimited file sizes across any port**
- **Real-time gateway anti-virus scanning**
- **Dynamic spyware protection**
- **Powerful intrusion prevention**
- **Application Firewall**
- **Dynamically updated signature database**
- **Ultimate scalability and performance**
- **Day Zero Protection**
- **Inter-zone scanning**
- **Application control**
- **Logging and reporting**

SonicWALL® Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service integrates gateway anti-virus, anti-spyware and intrusion prevention to deliver intelligent, real-time network security protection against sophisticated application layer and content-based attacks. Because new threats emerge daily and are often unpredictable, SonicWALL is able to deliver the highest protection possible with a deep packet inspection engine that delivers threat protection directly on the security gateway by matching downloaded, e-mailed and compressed files against an extensive and continuously updated database of signatures written by a combination of SonicWALL's SonicAlert Team and third-party sources.

SonicWALL's solution is unique in its ability to handle unlimited file sizes and virtually hundreds of thousands of concurrent downloads, providing ultimate scalability and performance for growing networks. As an added layer of security, SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service provides application layer attack protection not only against external threats, but also against those originating inside the network. SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service is available as a one, two or three-year subscription service on SonicWALL TZ, NSA and E-Class NSA network security appliances.

Features and Benefits

Inspection of unlimited file sizes across any port in either inbound or outbound direction for ultimate coverage against threats using non-standard ports

Real-time gateway anti-virus scanning delivers intelligent file-based protection through a high-performance engine that scans for viruses, worms, Trojans and other Internet threats in real-time

Dynamic spyware protection blocks the installation of malicious spyware at the gateway and disrupts background communications from existing spyware programs that transmit confidential data

Powerful intrusion prevention protects against a comprehensive array of network-based application layer threats by scanning packet payloads for worms, Trojans, software vulnerabilities such as buffer overflows, peer-to-peer and instant messenger applications, backdoor exploits, and other malicious code

Application Firewall is a set of granular, application-specific policies providing application classification and policy enforcement to help administrators control and manage business and non-business related applications.

Dynamically updated signature database containing thousands of signatures delivered through SonicWALL's distributed enforcement architecture detects and protects against viruses, spyware, worms, and Trojans, as well as peer-to-peer and instant messaging file transfers

The first on the market to utilize a per packet scanning engine, SonicWALL's solution is unique in its ability to handle unlimited file sizes and virtually hundreds of thousands of concurrent downloads, offering **ultimate scalability and performance** for today's networked environment

Day Zero Protection is provided by SonicWALL's SonicAlert Team and third-party sources, ensuring that vulnerabilities are blocked before they can be exploited

Inter-zone scanning provides an additional layer of protection against malicious threats by allowing administrators to enforce intrusion prevention and anti-virus scanning not only between each network zone and the Internet, but also between internal network zones

Application control provides the ability to prevent instant messaging and peer-to-peer file sharing programs from operating through the firewall, closing a potential backdoor that can be used to compromise the network while also improving employee productivity and conserving Internet bandwidth

Comprehensive **logging** of all intrusion attempts with the ability to filter logs based on priority level enables administrators to highlight high priority attacks, with granular **reporting** based on attack source, destination and type of attack available through SonicWALL ViewPoint® and Global Management System

SONICWALL®

Specifications

SonicWALL Deep Packet Inspection Architecture

SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service deployed on TZ and NSA Series appliances
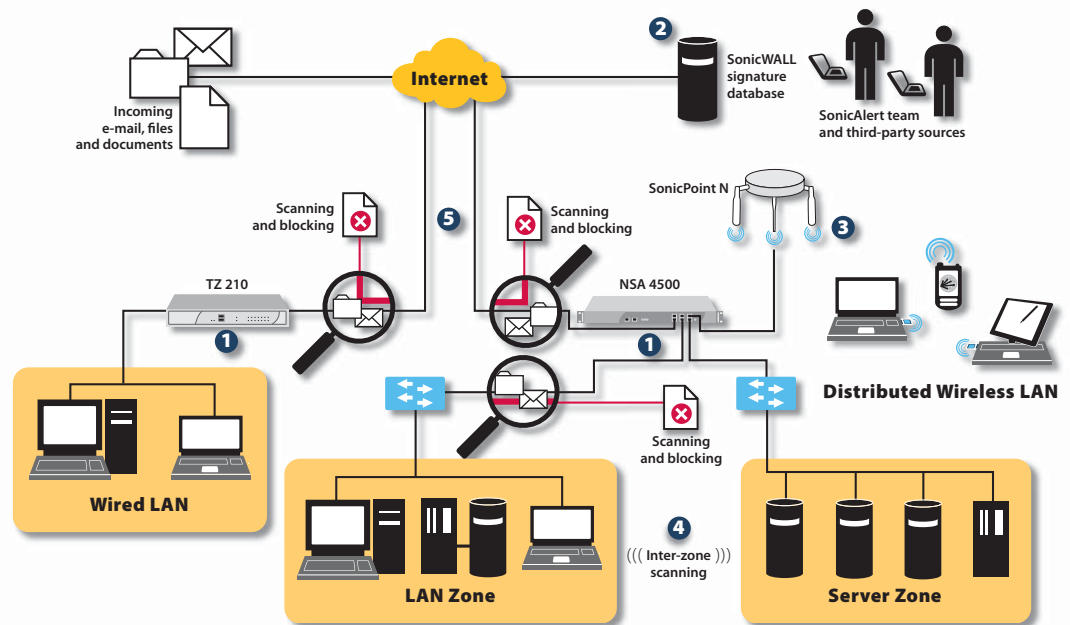
❶ High-performance engine scans for viruses, spyware, worms, Trojans and other Internet threats in real time
❷ Continually updated database containing thousands of threat signatures
❸ Protection is extended to both wired and wireless networks
❹ Inter-zone scanning delivers protection not only between each network zone and the Internet, but also between internal network zones
❺ Protection for business communications including Web browsing, e-mail use and file transfers

Feature List

Virus Scanning Capabilities	■ Common protocols such as SMTP, POP3, IMAP, HTTP, FTP, NetBIOS and many others ■ All non-encrypted protocols across every port ■ Dozens of stream-based protocols ■ Instant Messaging and peer-to-peer file transfers
Threat Protection	■ Protection against viruses, spyware, worms, Trojans, software vulnerabilities such as buffer overflows, as well as peer-to-peer and instant messenger applications, backdoor exploits, and other malicious code
Scalability	■ Able to scan an unlimited number of concurrent downloads of any file size
Signature Database	■ Dynamically-updated database containing thousands of attack, vulnerability and high threat virus signatures
Logging and Reporting	■ Real-time logging and alerting ■ Granular reports through SonicWALL ViewPoint and Global Management System
Supported Compression Formats	■ ZIP, Deflate and GZIP

For more information on SonicWALL's suite of value-added security services including Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service, Enforced Client Anti-Virus and Anti-Spyware and Content Filtering Service, please visit our Web site at **http://www.sonicwall.com**.

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