The SonicWALL Network Security Appliance Series

Next-Generation Firewall

- Next-Generation Firewall
- Scalable multi-core hardware and Reassembly-Free Deep Packet Inspection
- Application intelligence, control and visualization
- Stateful high availability and load balancing
- High performance and lowered TCO
- Network productivity
- Advanced routing services and networking
- Standards-based Voice over IP (VoIP)
- SonicWALL Clean Wireless
- Onboard Quality of Service (QoS)
- Integrated modules support

Organizations of all sizes depend on their networks to access internal and external mission-critical applications. As advances in networking continue to provide tremendous benefits, organizations are increasingly challenged by sophisticated and financially-motivated attacks designed to disrupt communication, degrade performance and compromise data. Malicious attacks penetrate outdated stateful packet inspection firewalls with advanced application layer exploits. Point products add layers of security, but are costly, difficult to manage, limited in controlling network misuse and ineffective against the latest multipronged attacks.

By utilizing a unique multi-core design and patented Reassembly-Free Deep Packet Inspection™ (RFDPI) technology*, the SonicWALL® Network Security Appliance (NSA) Series of Next-Generation Firewalls offers complete protection without compromising network performance. The low latency NSA Series overcomes the limitations of existing security solutions by scanning the entirety of each packet for current internal and external threats in real-time. The NSA Series offers intrusion prevention, malware protection, and application intelligence, control and visualization, while delivering breakthrough performance. With advanced routing, stateful high-availability and high-speed IPSec and SSL VPN technology, the NSA Series adds security, reliability, functionality and productivity to branch offices, central sites and distributed mid-enterprise networks, while minimizing cost and complexity.

Comprised of the SonicWALL NSA 220, NSA 220 Wireless-N, NSA 250M, NSA 250M Wireless-N, NSA 2400, NSA 3500 and NSA 4500, the NSA Series offers a scalable range of solutions designed to meet the network security needs of any organization.

Features and Benefits

Next-Generation Firewall features integrate intrusion prevention, gateway anti-virus, anti-spyware and URL filtering with application intelligence and control, and SSL decryption to block threats from entering the network and provide granular application control without compromising performance.

Scalable multi-core hardware and Reassembly-Free Deep Packet Inspection scans and eliminates threats of unlimited file sizes, with near-zero latency across thousands of connections at wire speed.

Application intelligence, control and visualization provides granular control and real-time visualization of applications to guarantee bandwidth prioritization and ensure maximum network security and productivity.

Stateful high availability and load balancing features maximize total network bandwidth and maintain seamless network uptime, delivering uninterrupted access to mission-critical resources, and ensuring that VPN tunnels and other network traffic will not be interrupted in the event of a failover.

High performance and lowered TCO are achieved by using the processing power of multiple cores in unison to dramatically increase throughput and provide simultaneous inspection capabilities, while lowering power consumption.

Network productivity increases because IT can identify and throttle or block unauthorized, unproductive and non-work related applications and web sites, such as Facebook® or YouTube®, and can optimize WAN traffic when integrated with SonicWALL WAN Acceleration Appliance (WXA) solutions.

Advanced routing services and networking features incorporate 802.1q VLANs, multi-WAN failover, zone and object-based management, load balancing, advanced NAT modes, and more, providing granular configuration flexibility and comprehensive protection at the administrator’s discretion.

Standards-based Voice over IP (VoIP) capabilities provide the highest levels of security for every element of the VoIP infrastructure, from communications equipment to VoIP-ready devices such as SIP Proxies, H.323 Gatekeepers and Call Servers.

SonicWALL Clean Wireless optionally integrated into dual-band wireless models or via SonicWALL SonicPoint wireless access points provides powerful and secure 802.11a/b/g/n 3x3 MIMO wireless, and enables scanning for rogue wireless access points in compliance with PCI DSS.

Onboard Quality of Service (QoS) features use industry standard 802.1p and Differentiated Services Code Points (DSCP) Class of Service (CoS) designators to provide powerful and flexible bandwidth management that is vital for VoIP, multimedia content and business-critical applications.

Integrated modules support on NSA 250M and NSA 250M Wireless-N appliances reduce acquisition and maintenance costs through equipment consolidation, and add deployment flexibility.

*U.S. Patents 7,310,815; 7,600,257; 7,738,380; 7,835,361; 7,991,723
Best-in-Class Threat Protection

SonicWALL deep packet inspection protects against network risks such as viruses, worms, Trojans, spyware, phishing attacks, emerging threats and Internet misuse. Application intelligence and control adds highly-configurable controls to prevent data leakage and manage bandwidth at the application level.

The SonicWALL Reassembly-Free Deep Packet Inspection (RFDPI) technology utilizes SonicWALL’s multi-core architecture to scan packets in real-time without stalling traffic in memory.

Applicatior Intelligence and Control

SonicWALL Application Intelligence and Control provides granular control and real-time visualization of applications to guarantee bandwidth prioritization and ensure maximum network security and productivity. An integrated feature of SonicWALL Next-Generation Firewalls, it uses SonicWALL RFDPI technology to identify and control applications in use with easy-to-use pre-defined application categories (such as social media or gaming)—regardless of port or protocol. SonicWALL Application Traffic Analytics provides real-time and indepth historical analysis of data transmitted through the firewall including application activities by user.

SonicWALL Clean VPN

The Network Security Appliance Series includes innovative SonicWALL Clean VPN™ technology which decontaminates vulnerabilities and malicious code from remote mobile users and branch offices traffic before it enters the corporate network, and without user intervention.

This functionality allows threats to be identified and eliminated over unlimited file sizes and unrestricted concurrent connections, without interruption.

The SonicWALL NSA Series provides dynamic network protection through continuous, automated security updates, protecting against emerging and evolving threats, without requiring any administrator intervention.

Centralized Policy Management

The Network Security Appliance Series can be managed using the SonicWALL Global Management System, which provides flexible, powerful and intuitive tools to manage configurations, view real-time monitoring metrics and integrate policy and compliance reporting and application traffic analytics, all from a central location.
Every SonicWALL Network Security Appliance solution delivers Next-Generation Firewall protection, utilizing a breakthrough multi-core hardware design and Reassembly-Free Deep Packet Inspection for internal and external network protection without compromising network performance. Each NSA Series product combines high-speed intrusion prevention, file and content inspection, and powerful application intelligence and control with an extensive array of advanced networking and flexible configuration features. The NSA Series offers an accessible, affordable platform that is easy to deploy and manage in a wide variety of corporate, branch office and distributed network environments.

- The SonicWALL NSA 4500 is ideal for large distributed and corporate central-site environments requiring high throughput capacity and performance
- The SonicWALL NSA 3500 is ideal for distributed, branch office and corporate environments needing significant throughput capacity and performance
- The SonicWALL NSA 2400 is ideal for branch office and small- to medium-sized corporate environments concerned about throughput capacity and performance
- The SonicWALL NSA 220, NSA 220 Wireless-N, NSA 250M and NSA 250M Wireless-N are ideal for branch office sites in distributed enterprise, small- to medium-sized businesses and retail environments

Security Services and Upgrades

**Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention and Application Intelligence and Control Service** delivers intelligent, real-time network security protection against sophisticated application layer and content-based attacks including viruses, spyware, worms, Trojans and software vulnerabilities such as buffer overflows. Application intelligence and control delivers a suite of configurable tools designed to prevent data leakage while providing granular application-level controls along with tools enabling visualization of network traffic.

**Enforced Client Anti-Virus and Anti-Spyware** delivers comprehensive virus and spyware protection for laptops, desktops and servers using a single integrated client and offers automated network-wide enforcement of anti-virus and anti-spyware policies, definitions and software updates.

**Content Filtering Service** enforces protection and productivity policies by employing an innovative rating architecture, utilizing a dynamic database to block up to 56 categories of objectionable web content.

**Analyzer** is a flexible, easy to use web-based application traffic analytics and reporting tool that provides powerful real-time and historical insight into the health, performance and security of the network.

**Virtual Assist** is a remote support tool that enables a technician to assume control of a PC or laptop for the purpose of providing remote technical assistance. With permission, the technician can gain instant access to a computer using a web browser, making it easy to diagnose and fix a problem remotely without the need for a pre-installed “fat” client.

**Dynamic Support Services** are available 8x5 or 24x7 depending on customer needs. Features include world-class technical support, crucial firmware updates and upgrades, access to extensive electronic tools and timely hardware replacement to help organizations get the greatest return on their SonicWALL investment.

**Global VPN Client Upgrades** utilize a software client that is installed on Windows-based computers and increase workforce productivity by providing secure access to email, files, intranets, and applications for remote users. Upgrade licenses are available in a variety of user counts allowing this solution to scale as the organization grows.

**SSL VPN Remote Access Upgrades** provide clientless remote network level access for PC, Mac and Linux-based systems. With integrated SSL VPN technology, SonicWALL firewall appliances enable seamless and secure remote access to email, files, intranets, and applications from a variety of client platforms via NetExtender, a lightweight client that is pushed onto the user’s machine. NetExtender is installed and configured automatically, requiring no user interaction.

**Comprehensive Anti-Spam Service** (CASS) offers small- to medium-sized businesses comprehensive protection from spam and viruses, with instant deployment over existing SonicWALL firewalls. CASS speeds deployment, eases administration and reduces overhead by consolidating solutions, providing one-click anti-spam services, with advanced configuration in just ten minutes.

**Deep Packet Inspection for of SSL-Encrypted Traffic** (DPI-SSL) transparently decrypts and scans both inbound and outbound HTTPS traffic for threats using SonicWALL RFPDI. The traffic is then re-encrypted and sent to its original destination if no threats or vulnerabilities are discovered.
### Specifications

#### Network Security Appliance 4500
01-SSC-7012

**NSA 4500 TotalSecure**  (1-year)  01-SC-7032

- **Support:** 24x7.
- **Content Filtering Service and Dynamic Application Intelligence and Control Service,** Anti-Spyware, Intrusion Prevention, and *Includes one-year of Gateway Anti-Virus, visit www.sonicwall.com*

#### Network Security Appliance 3500
01-SSC-7016

**NSA 3500 TotalSecure**  (1-year)  01-SC-7033

#### Network Security Appliance 2400
01-SSC-7020

**NSA 2400 TotalSecure**  (1-year)  01-SC-7035

#### Network Security Appliance 250M
01-SSC-9755

**Network Security Appliance 250M Wireless-N**
01-SSC-9757 (US/Canada)

**Network Security Appliance 250 TotalSecure**  01-SSC-9747

**Network Security Appliance 250M Wireless-N TotalSecure**  01-SSC-9748 (US/Canada)

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For more information on SonicWALL network security solutions, please visit www.sonicwall.com.

*Includes one-year of Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, and Application Intelligence and Control Service, Content Filtering Service and Dynamic Support 24x7.

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### SonicWALL’s line-up of dynamic security solutions

- **Network Security**
- **Remote Access**
- **Security**
- **Backup and Recovery**
- **Management**

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### SonicWALL’s Network Security Appliance 4500

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<th>Model</th>
<th>NSA 2200W</th>
<th>NSA 2500M/W</th>
<th>NSA 2900</th>
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<tr>
<td><strong>CPU</strong></td>
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### Certifications

- Daily 99.999% availability guaranteed
- Support provided 24x7
- Satisfaction guaranteed
- Approval pending EAL4+, FIPS 140-2 Level 2, IPv6 Phase 1, IPv6 Phase 2
- XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix
- One Time, Recurring
- Yes
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### SonicWALL’s Network Security Appliance 2400: TotalSecure

**Network Security Appliance 2400 TotalSecure**  01-SC-7035

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### SonicWALL’s Network Security Appliance 250M: TotalSecure

**Network Security Appliance 250M TotalSecure**  01-SSC-9747

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### SonicWALL’s Network Security Appliance 250M Wireless-N: TotalSecure

**Network Security Appliance 250M Wireless-N TotalSecure**  01-SSC-9748 (US/Canada)

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