



SonicWALL Application Intelligence Service

APPLICATION INTELLIGENCE

Application-level access control and data leakage prevention

- **Application and content control**
- **Data leakage prevention**
- **Application-level bandwidth management**
- **Automated updates and notifications**
- **Deep packet inspection for SSL traffic**

Misuse of applications such as instant messaging, chat services, peer-to-peer (P2P) applications and streaming video can significantly degrade network performance and impact business productivity. Many of these applications can tunnel over common protocols such as HTTP and HTTPS, thereby reducing traffic visibility and opening up additional channels for potential security breaches by viruses, Trojans and other malware. To counter this threat and to regain visibility into network traffic, network inspection must be elevated to the application layer.

SonicWALL® Application Intelligence extends the protection and functionality of SonicWALL's network security appliances beyond mere blocking of traditional network threats to intelligent traffic management at the application layer based on content and application type. This extended capability provides application-level bandwidth management, access controls, data leakage control functionality, restrictions on the transfer of specific files and documents, and much more.

The SonicWALL Application Intelligence feature set delivers a suite of granular, configurable, application-specific policies that allows custom access control based on network user, email user, schedule or IP subnet levels. Its robust policy capabilities include restricting transfer of specific files and documents, blocking email attachments based on user-configurable criteria, customizing application control, limiting bandwidth for matched policies, as well as denying internal and external Web access based on configurable options. Application Intelligence provides both application-level access control and data leakage functionality, along with the flexibility to create custom signatures. Application Intelligence is both comprehensive and easy to use, identifying over 2,700 unique applications uses. The Application Intelligence Service is available as part of the SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service as well as SonicWALL Comprehensive Gateway Security Suite (CGSS) on the TZ 210, Network Security Appliance (NSA) and E-Class NSA Series firewalls.

Features and Benefits

Application and content control enables policy-based blocking or restriction of specific applications, such as bandwidth-intensive streaming audio, video and peer-to-peer programs; restricted application file types (e.g., EXE, PIF, SRC, VBS); or unauthorized Web sites, browsers or instant messaging clients.

Data leakage prevention blocks and controls unauthorized outbound transmission of sensitive, proprietary or watermarked data via FTP uploads, or as attachments to personal Web mail services such as Hotmail® or Gmail®, as well as corporate SMTP and POP3 email.

Application-level bandwidth management functionality ensures Quality of Service (QoS) by allocating dedicated throughput levels for designated mission-critical applications, or user groups, and can be enabled for various times of the day.

Automated updates and notifications ease administration by ensuring that Application Intelligence signatures are always up-to-date, issuing alerts of potential policy violations, and notifying end users of standard policy upon blockage or restriction.

Deep Packet Inspection for SSL traffic extends protection to the SSL encrypted traffic, enabling enhanced compliance, content filtering, data leak prevention and can eliminate another vector for malware. Encrypted traffic is decrypted, inspected and re-encrypted transparently to the user and can be configured for both inbound and outbound connections.*

*01-SSC-8680 DPI SSL Upgrade License for NSA 3500 and higher.



Specifications



1-year Subscription Service

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA E7500
01-SSC-6130

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA E6500
01-SSC-6131

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA E5500
01-SSC-6132

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA 5000
01-SSC-6159

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA 4500
01-SSC-6133

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA 3500
01-SSC-6134

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA 2400
01-SSC-6135

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA 240 Series
01-SSC-6162

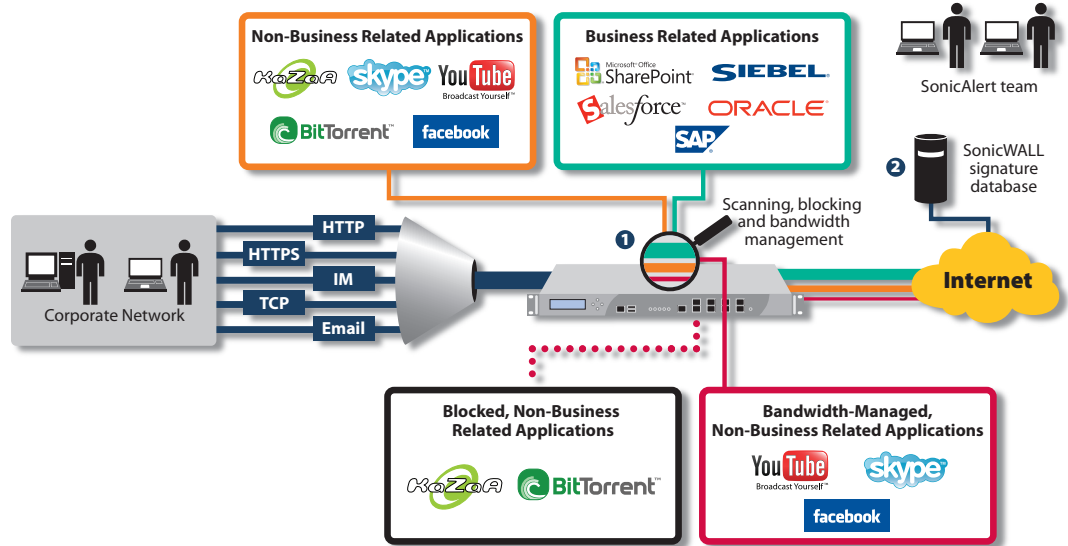
Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for TZ 210 Series
01-SSC-6165

Multi-year Subscription Services are available. To access SKUs for the complete line of SonicWALL network security appliances, please visit www.sonicwall.com.

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SonicWALL Deep Packet Inspection Architecture with Application Intelligence



- 1 High-performance engine scans for applications regardless of ports, protocols or HTTPS/SSL encryption
- 2 Continually updated database containing thousands of application signatures

Feature List

Application Intelligence Capabilities

- Scans all traffic independent of ports or protocols for complete control
- Data leakage functionality with user defined text strings
- Predefined and custom actions such as Bandwidth Manage, Log, Log and Block, Custom User Messages, Bypass DPI
- Deep Packet Inspection of traffic tunneling over SSL encrypted protocols

Signature Database

- Dynamically-updated database containing thousands of application and content-based signatures

Logging and Reporting

- Real-time logging and alerting
- Granular reports through SonicWALL ViewPoint and Global Management System

Scalability

- Able to scan large numbers of concurrent downloads of unlimited file size

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

SonicWALL's line-up of dynamic security solutions



NETWORK SECURITY



SECURE REMOTE ACCESS



WEB AND E-MAIL SECURITY



BACKUP AND RECOVERY



POLICY AND MANAGEMENT