



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**

Unauthorized use of applications such as instant messaging, chat services, peer-to-peer (P2P) sharing sites and streaming video sites can significantly degrade network performance and impact business productivity. Many of these applications tunnel over common protocols such as HTTP, 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 should elevate application layer.

SonicWALL® Application Intelligence extends the protection of SonicWALL's network security appliances beyond blocking traditional network threats to the management and control of data and applications that pass through the network security appliance. 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 using 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 1,100 unique applications in 18 categories. 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.

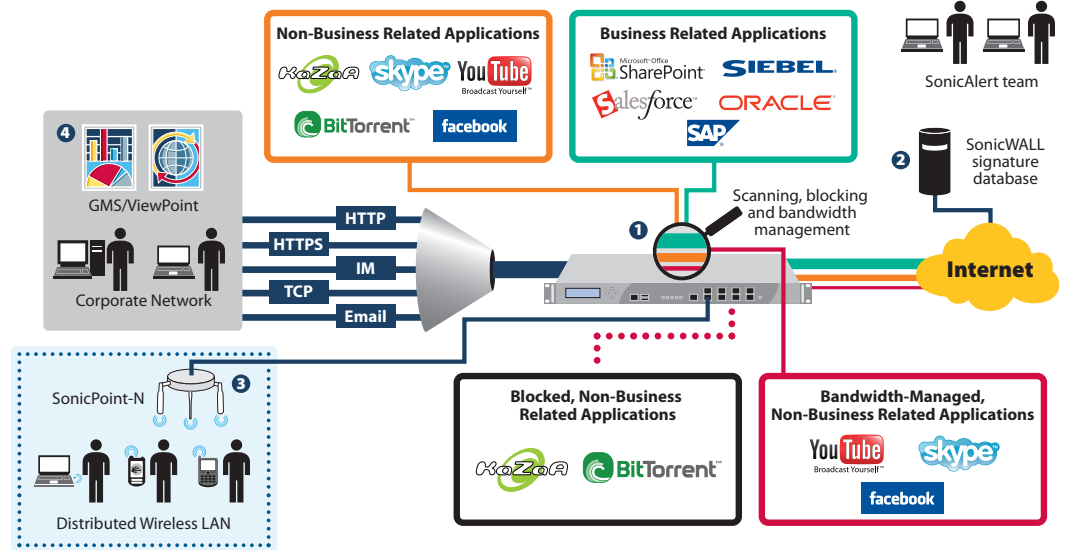
Deep Packet Inspection for SSL traffic extends protection to the SSL encrypted traffic, enabling enhanced compliance, content filtering, data leak prevention and can eliminate another vector for malware. Encrypted traffic is decrypted, inspected and re-encrypted transparently to the user and can be configured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

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



Specifications

SonicWALL Deep Packet Inspection Architecture with Application Intelligence



- 1 High-performance engine scans for applications regardless of port, protocol or HTTPS/SSL encryption
- 2 Continually updated database containing thousands of application signatures
- 3 Application inspection and enforcement extends to both wired and wireless networks
- 4 GMS or ViewPoint can be used to generate Application Intelligence logging and reporting

Feature List

Application Intelligence Capabilities

- Common protocols such as SMTP, POP3, HTTP, HTTPS, FTP and custom protocols
- Data leakage functionality with user defined text strings
- Predefined and custom actions Log, Log and Block, Custom User Messages, Bypass DPI and Bandwidth Management

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 an unlimited number of concurrent downloads of any 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>.



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 Series
01-SSC-6135

Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service with Application Intelligence for NSA 210 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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