

Comprehensive Anti-Spam Service

Instant spam protection at the gateway

With nearly 80% of email classified as junk (spam, phishing and virus-laden messages), allowing such distracting and dangerous traffic into your network can grind your business communications and organizational productivity to a halt. Removing this junk email at the gateway optimizes network efficiency, and enhances email and employee productivity.

Dell™ SonicWALL™ Comprehensive Anti-Spam Service (CASS) offers small- to medium-sized businesses comprehensive protection from spam and viruses, with instant deployment over existing Dell 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. CASS offers complete inbound anti-spam, anti-phishing, anti-malware protection and features, Dell SonicWALL Global Response Intelligent Defense (GRID) Network IP Reputation, Advanced Content Management, Denial of Service prevention, full quarantine and customizable per-user junk summaries. Outperforming RBL filtering, CASS offers >99% effectiveness against spam, dropping >80% of spam at the gateway, while utilizing advanced anti-spam techniques like Adversarial Bayesian™ filtering on remaining email.



- Stops spam attacks with over 99% effectiveness
- Real-time threat information updates via Dell SonicWALL GRID Network
- Dell SonicWALL GRID Anti-Virus
- Flexible junk email routing
- User Junk Box option
- Integrated allow and block lists
- Integrated reporting and logging
- Flexible LDAP integration
- Supports downstream email security systems

Features and benefits

Stop spam, phishing and virus attacks with over 99% effectiveness using multiple proven, patented* techniques

including reputation checks that check not only a message's sender IP reputation, but also the reputation of its content, structure, links, images, attachments. Advanced techniques are also used to analyze email content, such as adversarial Bayesian filtering, image analysis and gibberish detection to uncover hidden known threats, and new threats. The cloud-based design utilizes these advanced anti-spam techniques without impacting firewall processing and overall network throughput.

Real-time threat information via the Dell SonicWALL Global Response Intelligent Defense (GRID) Network

collects and analyzes information from industry threat lists and also performs rigorous testing and evaluation of millions of emails every day, establishing reputation scores for senders and content and identifying new threats in real-time to deliver the most accurate and up-to-date protection against new

spam attacks while also ensuring delivery of good email.

Dell SonicWALL GRID Anti-Virus™ leverages Dell SonicWALL GRID Network technology to deliver anti-virus and anti-spyware protection.

Flexible junk email routing categorizes junk messages as spam, likely spam, phishing, likely phishing, virus and likely virus. Messages in each category can be rejected, tagged and delivered, sent to the user's Junk Box, or deleted, for complete control and compliance with corporate and regulatory requirements.

User Junk Box option enables quick set-up of Junk Boxes for all users to store junk messages. Users can receive Junk Box Summary emails, which they may use to view (as text) and un-junk messages as desired. IT retains control over displayed categories, scheduling, and retention of Junk Box Summaries.

Integrated allow and block lists are built into Dell SonicWALL network security appliances. IP addresses can be allowed or blocked at the gateway. IT

administrators can add granular control with Allow and Block lists at people, company and list levels. This feature is fully supported by CASS and requires no additional set-up or training to use.

Integrated reporting and logging is built into Dell SonicWALL firewall. Service status and statistics are easily displayed with one click, and log file entries can be viewed by service name. Service status shows availability of CASS, Junk Boxes and the downstream email server.

Flexible LDAP integration enables robust, easy and secure user management, as well as additional flexibility through multiple LDAP integration support.

Supports downstream email security systems such as corporate governance or compliance policies, per-user policies and preferences, advanced reporting and more, as needed.

*U.S. Patents: 7,814,545; 7,343,624; 7,665,140; 7,653,698; 7,546,348

Where the Dell SonicWALL Comprehensive Anti-Spam Service fits

Smaller organizations looking to leverage their existing investment in a Dell SonicWALL firewall can quickly ensure the delivery of only good email to their email server with CASS. Administrators can manage CASS using a single integrated interface on the firewall. Larger enterprises can layer their anti-spam protection by placing CASS in front of a Dell SonicWALL Email Security solution to drop more than 80% of junk email at the connection level, thus reducing subsequent processing by downstream infrastructure. Distributed enterprises that receive email in multiple locations can implement CASS on

remote Dell SonicWALL firewalls to reduce spam-related network traffic and use Dell SonicWALL Email Security to centralize email protection services.

Supported platforms and supported email servers

Dell SonicWALL Comprehensive Anti-Spam Service is available as a subscription service on the following Dell SonicWALL products:

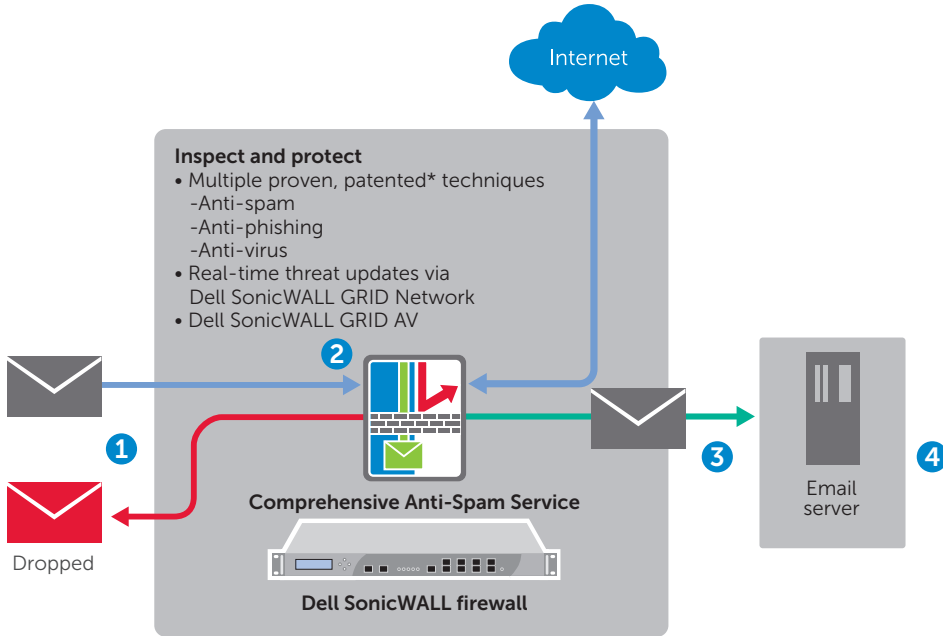
- All Dell SonicWALL TZ, Network Security Appliance (NSA) and Dell SonicWALL E-Class NSA Series with SonicOS 5.6.3 or higher installed
- Platforms and/or SonicOS versions not listed are not supported

The Dell SonicWALL Comprehensive Anti-Spam Service operates with any email server which accepts inbound SMTP messages.

Options included with the Comprehensive Anti-Spam Service

The **User Junk Box** option requires that the Junk Store application (provided as part of the service) be installed on a server (typically your email server) running Windows Server 2003 or Windows Server 2008.

How the Dell SonicWALL Comprehensive Anti-Spam Service works



Comprehensive Anti-Spam Service

NSA E8510 (1-year)
01-SSC-9274

NSA E8500 (1-year)
01-SSC-8950

NSA E6500 (1-year)
01-SSC-9221

NSA E5500 (1-year)
01-SSC-9222

NSA 4500 (1-year)
01-SSC-9223

NSA 3500 (1-year)
01-SSC-9000

NSA 2400 Series (1-year)
01-SSC-8997

NSA 250M Series (1-year)
01-SSC-4600

NSA 220 Series (1-year)
01-SSC-4642

TZ 215 Series (1-year)
01-SSC-4787

TZ 205 Series (1-year)
01-SSC-4832

TZ 105 Series (1-year)
01-SSC-4871

Multi-year SKUs are available.
Please visit www.sonicwall.com

The Comprehensive Anti-Spam Service supports an unrestricted number of users but is recommended for 250 users or less.

1 SMTP traffic arrives at the Dell SonicWALL firewall.

2 The Comprehensive Anti-Spam Service checks the reputation of the Sending IP server in real-time using the Dell SonicWALL GRID Network. The GRID receives real-time inputs from over 4 million endpoints worldwide to determine the reputation of servers that are sending email. Up to 80% of junk email can be dropped at the connection level, thus reducing overall processing by the firewall.

The remaining email is processed using the cloud-based Dell SonicWALL GRID Network. The GRID Network applies Dell SonicWALL's proven spam detection techniques.

3 Good email is delivered to the email server.

4 Optionally, junk email can be delivered to Dell SonicWALL Junk Boxes on the email server and Junk Box Summaries for each user can be delivered as emails to each user.