SonicWALL Email Security for the Enterprise

High Performance and Easy-to-Use E-mail Security

- ■ **Inbound and outbound e-mail threat management**
- ■ **E-mail policy management**
- ■ **Regulatory compliance framework**
- ■ **Award-winning anti-spam**
- ■ **Corporate phishing protection**
- ■ **Time Zero Virus Technology**
- ■ **DHA, Dos and zombie attack protection**
- ■ **End-user spam management**
- ■ **Seamless LDAP integration**
- ■ **Robust reporting**
- ■ **High performance redundant deployments**
- ■ **Rapid Installation and ease-of-management**

The face of e-mail threats has evolved dramatically in recent years. Previously, organizations' primary concerns were the high volume and destructive nature of spam and virus attacks. The increased sophistication and complexity of inbound e-mail threats and the emergence of regulatory compliance laws demand increased protection of e-mail and strict management of confidential information. Distributed point-solutions can no longer withstand the increased burden of e-mail security requirements. Organizations need a powerful, integrated, yet easy-to-use solution that can effectively prevent bi-directional e-mail threats.

SonicWALL Email Security is a self-running, self-updating solution, delivering powerful protection against spam, virus and phishing attacks in addition to preventing confidential information leaks and violations of regulatory compliance laws such as HIPAA, GLBA and SOX. SonicWALL Email Security solutions provide powerful protection for the enterprise without the complexity.

Features and Benefits

Inbound and outbound e-mail threat management capabilities bi-directionally monitor content passing through the SMTP gateway. Inbound e-mail threats like spam, viruses and phishing attacks can be stopped before they invade the network while outbound e-mail content can be carefully managed, preventing confidential information leaks.

E-mail policy management enables IT to enforce organizational policies such as stopping the dissemination of inappropriate content, protecting confidential information, adding disclaimers or blocking executables.

Regulatory compliance framework helps organizations become compliant by automating the requirements set forth by laws such as HIPAA, SOX and GLBA. SonicWALL Email Security intelligently identifies e-mail that violates compliance policies, monitors and reports the problem uses policy-based routing to send mail to archiving and encryption technologies.*

Award-winning anti-spam engine coupled with end-to-end attack monitoring ensures the most effective and current protection from spam attacks.

Corporate phishing protection ensures that organizations are protected from identity theft. SonicWALL delivers the only solution that uniquely identifies phishing e-mails and enables administrators to handle these messages independently from spam e-mails.

Time Zero Virus Technology protects customers from the time a virus outbreak occurs until the time a signature update is available. SonicWALL provides additional layers of protection by partnering with McAfee™ and Kaspersky Lab™ for signature updates.*

*Additional subscription service required.

DHA, Dos, and zombie attack* protection starts with powerful connection management capabilities to defer, throttle or block invalid connections before they reach your system. When combined with SonicWALL's anti-spam, anti-phishing and anti-virus capabilities you have a complete solution for stopping all types of e-mail threats.

End-user spam management allows easy delegation of spam management to end users, reducing false positives and lessening the load on IT.

Seamless LDAP integration ensures that SonicWALL Email Security solutions automatically synchronize with directories for automatic management of e-mail addresses and accounts. Additionally, policies, users and groups can be managed based on existing LDAP information.

Robust reporting provides easily customizable, system-wide and granular reporting, including information on attack types, solution effectiveness and system performance.

High performance redundant deployments are easily enabled. SonicWALL's unique preemptive scanning MTA is 40—290% faster than competing products and can be deployed in multiple distributed remote analyzers and centralized management through a Web-based control center.

Rapid Installation and ease-of-management drastically reduces the burden on IT departments to implement and manage a comprehensive e-mail security solution.

SONICWALL®

All enterprise organizations are faced with the challenge of meeting e-mail compliance requirements, whether regulatory compliance from government legislation, such as HIPAA, GLBA or SOX; industry standards; or corporate compliance, such as a preventing offensive e-mails or protecting intellectual property. SonicWALL Email Security identifies, monitors and applies policy to all e-mail violations, ensuring the highest level of compliance possible.

SonicWALL Email Security easily enables e-mail compliance by:

- Preventing violations of compliance laws
- Stopping leaks in confidential information
- Protecting private information
- Enforcing corporate acceptable e-mail usage policies

Powerful and

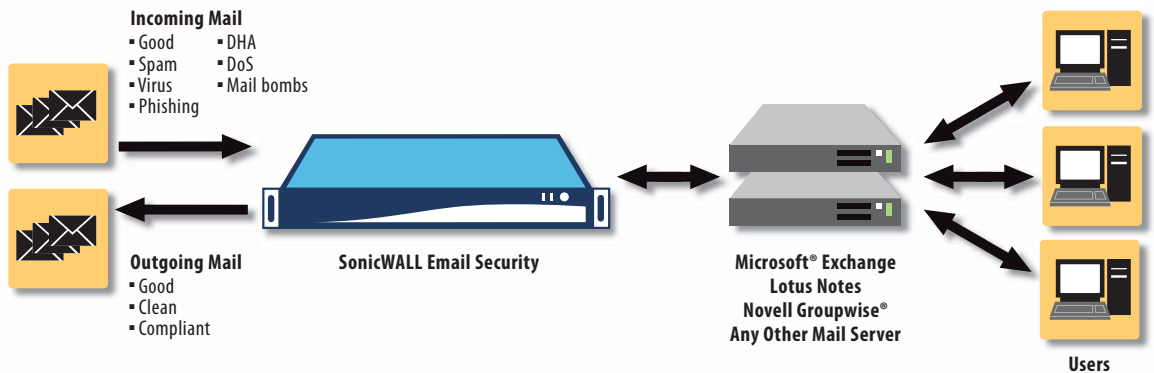*easy-to-use*

e-mail threat

protection

Appliance and Software Solutions

SonicWALL Email Security 6000 and 8000 Series appliances are easy-to-install, hardened SonicWALL OS-based solutions. SonicWALL Email Security Software - Enterprise is ideal for organizations that standardize on specific hardware, wish to use existing monitoring and backup systems, or just want the ultimate in deployment flexibility
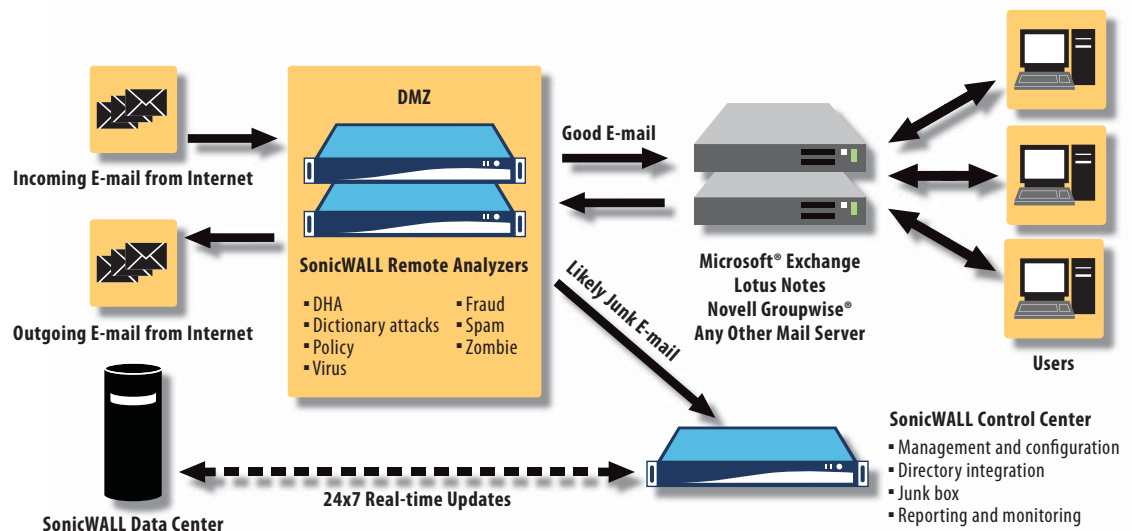
Flexible Deployment Options

All-in-One Configuration
The easiest deployment is an all-in-one configuration where filtering and management takes place on the same server.

Incoming Mail
- Good
- Spam
- Virus
- Phishing
- DHA
- DoS
- Mail bombs

Outgoing Mail
- Good
- Clean
- Compliant

SonicWALL Email Security

**Microsoft® Exchange
Lotus Notes
Novell Groupwise®
Any Other Mail Server**

Users

High Availability Deployment
For load balancing and redundancy, split network enables companies to filter at the network perimeter while providing centralized control.
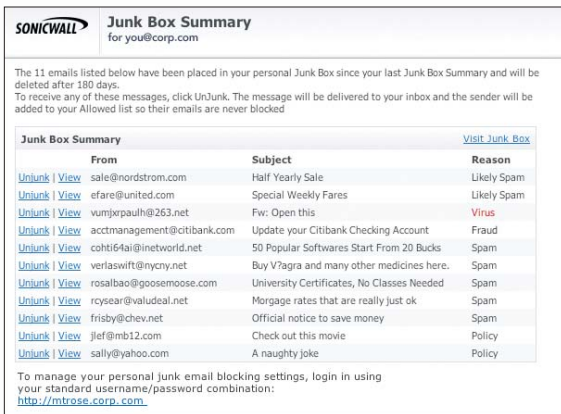

DMZ

Incoming E-mail from Internet

Outgoing E-mail from Internet

SonicWALL Remote Analyzers
- DHA
- Dictionary attacks
- Policy
- Virus
- Fraud
- Spam
- Zombie

Good E-mail

Likely Junk E-mail

**Microsoft® Exchange
Lotus Notes
Novell Groupwise®
Any Other Mail Server**

Users

SonicWALL Control Center
- Management and configuration
- Directory integration
- Junk box
- Reporting and monitoring

24x7 Real-time Updates

SonicWALL Data Center

Best Protection: SonicWALL Email Security provides the highest level of protection from both inbound and outbound e-mail threats by leveraging a unique end-to-end e-mail attack monitoring system.

- Anti-spam
- Anti-phishing
- Anti-virus*

- DHA and DoS Protection
- Internal Zombie Detection*
- Time Zero Virus Protection*

- Policy Management
- Regulatory Compliance Framework*
- Blended Threats

Effortless Control: SonicWALL ensures simple configuration, easy customization and automated maintenance, all through an easy-to-use, Web-based administrative interface.

- Quick configuration in less than an hour

- Auto-update of all data and software

- LDAP integration for authentication and user management

- Streamlined LDAP-based group and end-user management and delegation of administration

- Personalized end-user quarantine and settings

- Easy auditing of any e-mail that has been routed through the systems

- Detailed reporting including information on attack types, solution effectiveness and system performance

Junk Box Summary

Reports and Monitoring

High Performance: Using its unique pre-emptive scanning Mail Transfer Agent (MTA), SonicWALL Email Security offers breakthrough message analysis rates. With SonicWALL Email Security, fewer machines are required to process the e-mail load, resulting in reduced management complexity and lower costs.

Licensing Overview

SonicWALL Email Security (appliance or software)	■ Message Transfer Agent (MTA) ■ Directory Harvest Attack/Denial of Service Protection ■ Web-based management ■ Policy Management/E-mail Content Filtering ■ Reporting and Monitoring ■ LDAP Synchronization
Email Protection Subscription with Dynamic Support (8x5 or 24x7) – Required	■ Anti-spam (1 year) ■ 8x5 or 24x7 support (1 year) ■ Anti-phishing (1 year) ■ RMA (Appliance replacement) ■ Software/Firmware Updates (1 year)
Compliance Subscription	■ Dictionaries (Functionality)　■ Encryption Reporting ■ Approval Boxes　　　　　　■ E-mail Archiving ■ Attachment Scanning　　　■ Predefined Policies ■ Record ID Matching　　　　■ Compliance Reports
Anti-Virus Subscription (Kaspersky Lab and /or McAfee with SonicWALL Time Zero Anti-Virus)	■ Kaspersky Anti-virus ■ SonicWALL Time Zero Anti-Virus ■ McAfee Anti-virus ■ Zombie Detection

*Additional subscription service required.

Specifications

SonicWALL Email Security

Email Security Appliances	SMB (Available for smaller deployments)				Enterprise	
	200	300	400	500	6000	8000
Users Licensed	50	250	750	2000	5000	5000+
Domains	Unlimited					
Operating System	Hardened SonicWALL Linux OS Appliance					
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Mini	1U Mini	1U Fullsize
CPU	2.66GHz	2.66GHz	2.66GHz	2.66GHz	3.2GHz	2 x 3.2 GHz
RAM	1 GB	1 GB	1 GB	1 GB	2 GB	2 GB
Hard Drive	80 GB	80 GB	2 x 80 GB	2 x 80 GB	2 x 160 GB	2 x 146 GB SCSI
Redundant Disk Array (RAID)			X	X	X	X
Hot Swappable Drives						X
Redundant Power Supply						X
Dimensions	16.8 x 14.0 x 1.7 in 42.67 x 35.56 x 4.32 cm	16.8 x 14.0 x 1.7 in 42.67 x 35.56 x 4.32 cm	16.8 x 14.0 x 1.7 in 42.67 x 35.56 x 4.32 cm	16.8 x 14.0 x 1.7 in 42.67 x 35.56 x 4.32 cm	16.8 x 14.0 x 1.7 in 42.67 x 35.56 x 4.32 cm	27.0 x 17.3 x 1.7 in 68.6 x 43.9 x 4.3 cm
Weight	18 lbs 8.16 kg	18 lbs 8.16 kg	19 lbs 8.62 kg	19 lbs 8.62 kg	19 lbs 8.62 kg	48 lbs 21.77 kg
WEEE Weight	13 lbs 5.90 kg	13 lbs 5.90 kg	14 lbs 6.35 kg	14 lbs 6.35 kg	14 lbs 6.35 kg	41 lbs 18.60 kg
Power Consumption (Watts)	189	189	201	201	201	201
BTUs	644.49	644.49	685.41	685.41	685.41	685.41
MTBF @25C in Hours	125,004	125,004	125,004	125,004	125,004	125,004
MTBF @25C in Years	14.27	14.27	14.27	14.27	14.27	14.27

Email Security Software	25 User	50 User	250 User	750 User	2000 User	5000 User	5000+ User
Users Licensed	25	50	250	750	2000	5000	5000+
Domains	Unlimited						
Operating System	Runs on Microsoft Windows 2000 Server or Microsoft Windows 2003 Server						
CPU	2.66 GHz minimum configuration						
RAM	1 GB minimum configuration						
Hard Drive	40 GB minimum configuration						

Appliance and Software Features							
Threat Protection							
Inbound and outbound e-mail protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Anti-spam effectiveness	98%+	98%+	98%+	98%+	98%+	98%+	98%+
Anti-phishing identified separately	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Anti-Virus: Dual-layer Commercial	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Time Zero Virus Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DHA, DoS, Other Attack Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LDAP/Exchange Accelerator	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Compliance Subscription							
Robust Policy Management	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Attachment Scanning	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dictionaries	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Approval Boxes/Workflow	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Installation and Management							
Installation	< 1 hour	< 1 hour	< 1 hour	< 1 hour	< 1 hour	< 1 hour	< 1 hour
Management per week	< 10 min	< 10 min	< 10 min	< 10 min	< 10 min	< 10 min	< 10 min
Compatible with all e-mail servers	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single sign-on	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Group and user management	Yes	Yes	Yes	Yes	Yes	Yes	Yes
End user quarantine and settings	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Junk Box Summary actionable e-mail	Yes	Yes	Yes		Yes	Yes	Yes
Monitoring, Reporting and Log Management	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Clustering and Remote Clustering	Yes	Yes	Yes	Yes	Yes	Yes	Yes

For more information on SonicWALL Email Security solutions, please visit our Web site at **http://www.sonicwall.com/us/Email_Security.html**.

SonicWALL Email Security Appliances-Enterprise
SonicWALL Email Security 6000
01-SSC-6604
SonicWALL Email Security 8000
01-SSC-6605

Software-Enterprise
SonicWALL Email Security Software–Enterprise (5000 Users)
01-SSC-6634
SonicWALL Email Security Software–Enterprise (5000+ Users)
01-SSC-6635

Subscriptions-Enterprise
SonicWALL Email Protection Subscription and 8x5 Support–1 year Model 6000, 5000 Users Software
01-SSC-6664

SonicWALL Email Protection Subscription and 8x5 Support–1 year Model 8000, 5000+ Users Software
01-SSC-6665

SonicWALL Email Protection Subscription and 24x7 Support-1 year Model 6000, 5000 Users Software
01-SSC-6674

SonicWALL Email Protection Subscription and 24x7 Support-1 year Model 8000, 5000+ Users Software
01-SSC-6675

(Visit www.sonicwall.com for 24x7 support and other subscription service SKUs)

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