

# EMAIL SECURITY APPLIANCES AND SOFTWARE

**Protect your infrastructure from advanced email threats and compliance violations with powerful, easy-to-use solutions.**

Email is crucial for your business communication, but it can also expose your business to sabotage and productivity drains if email-based threats such as ransomware, phishing, business email compromise (BEC), spoofing, spam and viruses flood your mail servers and user inboxes. What's more, government regulations now hold your business accountable for protecting confidential data and ensuring it is not leaked and that email containing sensitive customer data or confidential information is securely exchanged. Whether your organization is a growing small-to medium-sized business (SMB), a large, distributed enterprise or a managed service provider (MSP), you need a cost-effective way to deploy email security and encryption, and the scalability to easily grow capacity for — and delegate management across — organizational units and domains.

SonicWall Email Security appliances and software provide superior protection from inbound and outbound email threats and compliance violations by scanning all inbound and outbound email content and attachments for sensitive data, delivering real-time protection ransomware, advanced phishing attacks, spoofing, viruses, malicious URLs, zombies, directory harvest (DHA), Denial of Service (DoS) and other attacks. The solution leverages multiple, patented SonicWall threat detection techniques and a unique, worldwide attack identification and monitoring network.

SonicWall Email Security now integrates with the Capture Advance Threat Protection service, to deliver fine-grained and user-transparent inspection of SMTP-based traffic. The cloud-based Capture

ATP service can scan a broad range of email attachment types, analyze them in a multi-engine sandbox, and block dangerous files or emails before they reach your network. Email Security with Capture ATP gives you a highly effective and responsive defense against ransomware and zero-day attacks.

The solution also includes Domain-based Message Authentication, DKIM (Domain Keys Identified Mail), SPF (Sender Policy Framework), Reporting and Conformance (DMARC), a powerful email authentication method that helps identify spoofed mail, reducing spam and advanced phishing attacks such as spear-phishing, whaling, CEO fraud and business email compromise. It also reports on sources and senders of email, so you can identify and shut down unauthorized senders falsifying email with your address and protect your brand. In addition, it prevents confidential data leaks and regulatory violations with advanced compliance scanning and management, including integrated email encryption cloud service to ensure secure exchange of sensitive data.

Administration of the Email Security solution is intuitive, quick and simple. You can safely delegate spam management to end users, while still retaining ultimate control over security enforcement. You can also easily manage user and group accounts with seamless multi-LDAP synchronization. For large, distributed environments, multi-tenancy support lets you delegate sub-administrators to manage settings at multiple organizational units (such as enterprise divisions or MSP customers) within a single Email Security deployment.



## Benefits:

- Capture ATP service for email security protects against advanced threats such as ransomware and zero-day malware
- Advanced analysis techniques to stop spam, phishing, spoofing, zombie and virus attacks
- 24/7 access to the SonicWall GRID Network to stop new threats as they emerge
- Add-on anti-virus and anti-spyware protection for multi-layer security
- Optional Email Compliance and Encryption subscription services for secure, mobile-ready, email encryption and exchange
- Intelligent automation, task delegation, at-a-glance customizable dashboard and robust reporting for simplified management
- Flexible deployment options for long-term value

## Features

### **SonicWall Email Security Capture Advance Threat Protection Service** —

Detect and block advanced threats until verdict. This service is the only advanced-threat-detection offering that combines multi-layer sandboxing, including full system emulation and virtualization techniques, to analyze suspicious code behavior within emails, to protect customers against the increasing dangers of zero-day threats. And, the Email Security Capture now delivers finer granularity with more extensive file-type inspection, additional in-depth reporting capabilities, and a more streamlined and less obtrusive user-experience.

**Advanced analysis techniques** — Stop spam, phishing, spoofing, zombie and virus attacks using multiple proven, patented<sup>1</sup> techniques including reputation checks that check not only a message's sender IP reputation, but also the reputation of its content, structure, links, images and attachments. Email Security protects against DHA and DoS attacks, and ensures sender validation. Advanced analysis techniques include a Support Vector Machine (SVM) algorithm, adversarial Bayesian filtering, image analysis and gibberish detection to uncover hidden known threats, and new threats.

**SonicWall GRID Network** — Receive the most accurate and up-to-date protection against new spam attacks while ensuring delivery of benign email with real-time threat information from the SonicWall Global Response Intelligent Defense (GRID) network, which collects information from millions of data sources. The SonicWall threat team analyzes that information and performs rigorous testing to establish reputation scores for senders and content, identifying new threats in real-time.

**Anti-virus and anti-spyware protection** — Get up-to-date anti-virus and anti-spyware protection with SonicWall GRID Anti-Virus™. Also add Cyren, Kaspersky and McAfee® anti-virus signatures and malicious URL detection for multi-layer protection that is superior to that provided by solutions that rely on a single anti-virus technology.

Moreover, you can safeguard your network from the time a new virus outbreak occurs until the time an anti-virus signature update is available by adding the predictive technology of SonicWall Time Zero Virus Protection.

**Intelligent automation, task delegation and robust reporting** — Simplify management with intelligent automation, task delegation and robust reporting. Automatically manage email addresses, accounts and user groups. Seamlessly integrate with multiple-LDAP servers. Confidently delegate spam management to end users with the downloadable Junk Button for Outlook® plug-in, while still retaining full control. Locate any email in seconds with the Rapid Message Search Engine. Centralized reporting (even in split mode) gives you easily customizable, system-wide and granular information on attack types, solution effectiveness and built-in performance monitoring and reports are available in PDF and JPEG formats.

**Compliance Policy Management** — This add-on service enables compliance with regulatory mandates by helping you to identify, monitor and report on email that violates compliance regulations and guidelines (e.g., HIPAA, SOX, GLBA, and PCI-DSS) or corporate data loss guidelines. The subscription service also enables policy-based routing of mail for approval, archiving and encryption.

**Email Encryption** — Add a powerful framework for stopping data leaks, managing and enforcing compliance requirements and providing mobile-ready secure email exchange for organizations of all sizes.

Encrypted email can be tracked to confirm the time of receipt and time opened. Intuitive for the recipient, a notification email is delivered to the recipient's inbox with instructions to simply log into a secure portal to read or securely download the email. The service is cloud-based with no additional client software necessary and unlike competitive solutions; the encrypted email may be accessed and read from mobile devices or laptops.

**Flexible deployment options** — Gain scalable, long-term value by configuring

your solution for growth and redundancy with minimal upfront costs. You can deploy Email Security as a hardened, high-performance appliance, as software leveraging existing infrastructure or as a virtual appliance leveraging shared computing resources to optimize utilization, ease migration and reduce capital costs. Start with a single system and then as your business grows, add capacity and move to a fail-over enabled, split-mode architecture. Multi-tenancy support allows large enterprise or managed service provider deployments with multiple departments or customers to establish organizational units with one or multiple domains. The deployment may be centrally managed, but still allows a given organizational unit to have its own users, sub-administrators, policy rules, junk boxes and more.

### **SonicWall Email Security deployment options**

The highly flexible architecture of SonicWall Email Security enables deployments in organizations that require a highly scalable, redundant and distributed email protection solution that can be centrally managed. SonicWall Email Security can be deployed in either all-in-one or split mode.

In split mode, systems may be configured as a remote analyzer or a control center. In a typical split-mode setup, one or more remote analyzers is connected to a control center. The remote analyzer receives email from one or more domains and applies connection management, email filtering (anti-spam, anti-phishing and anti-virus) and advanced policy techniques to deliver benign email to the downstream email server. The control center centrally manages all remote analyzers and collects and stores junk email from the remote analyzers. Centralized management includes reporting and monitoring of all related systems. This paradigm allows the solution to cost-effectively scale and protect both inbound and outbound email for growing organizations. Using SonicWall Email Security Virtual Appliances, split mode can be fully deployed on one or multiple servers for optimal efficiencies of scale.

<sup>1</sup> U.S. Patents 7,814,545; 7,343,624; 7,665,140; 7,653,698; 7,546,348

## Features

	APPLIANCE, VIRTUAL APPLIANCE	WINDOWS SERVER*
<b>Complete inbound and outbound email protection</b>		
Anti-spam effectiveness	Yes	Yes
Connection management with advanced IP reputation	Yes	Yes
Phishing detection, classification, blocking	Yes	Yes
Directory harvest, denial of service, NDR protection	Yes	Yes
Anti-spoofing with support for SPF, DKIM and DMARC	Yes	Yes
Policy rules for user, group, all	Yes	Yes
In memory message transfer agent (MTA) for enhanced throughput	Yes	Yes
Complete inbound and outbound protection in a single system	Yes	Yes
<b>Easy administration</b>		
Installation	< 1 hour	< 1 hour
Management per week	< 10 min	< 10 min
Automatic multi-LDAP sync for users, groups	Yes	Yes
Compatible with all SMTP email servers	Yes	Yes
SMTP Authentication support (SMTP AUTH)	Yes	Yes
Allow/deny end user controls	Yes	Yes
Customize, schedule and email 30+ reports	Yes	Yes
Judgment details	Yes	Yes
At-a-glance, customizable management dashboard	Yes	Yes
Rapid message search engine	Yes	Yes
Scalable split-mode architecture	Yes	Yes
Clustering and remote clustering	Yes	Yes
<b>Easy for end users</b>		
Single sign-on	Yes	Yes
Per user junk boxes, junk box summary actionable email	Yes	Yes
Per user anti-spam aggressiveness, block/allow lists	Yes	Yes
<b>Email protection subscription with dynamic support—required</b>		
SonicWall GRID anti-virus, anti-spam, anti-phishing auto-updates every minute	Yes	Yes
24x7 support	Yes	Yes
RMA (appliance replacement)	Yes	Yes
Software/firmware updates	Yes	Yes
<b>Anti-virus subscription—optional</b>		
McAfee, Kaspersky, and Cyren Anti-virus	Yes	Yes
SonicWall TimeZero anti-virus	Yes	Yes
Zombie detection	Yes	Yes
<b>Compliance subscription—optional</b>		
Robust policy management,	Yes	Yes
Attachment scanning	Yes	Yes
Record ID matching	Yes	Yes
Dictionaries	Yes	Yes
Approval boxes/workflow	Yes	Yes
Email archiving	Yes	Yes
Compliance reporting	Yes	Yes
<b>Encryption subscription—optional</b>		
Compliance subscription capabilities plus policy-enforced email encryption and secure email exchange	Yes	Yes
<b>Total Secure subscription—optional</b>		
Includes email protection dynamic 24x7 subscription plus multi-layer anti-virus (McAfee,Kaspersky, Cyren), malicious URL detection and compliance management subscription features	Yes	Yes
<b>Ransomware &amp; Zero-day protection - optional</b>		
SonicWall Capture ATP add-on for Total Secure bundle	Yes	Yes
<b>Advanced Total Secure subscription - optional</b>		
Includes SonicWall Capture ATP, in addition to the Total Secure bundle	Yes	Yes

## System Specifications

EMAIL SECURITY APPLIANCES	5000	7000	9000
Domains	Unrestricted		
Operating system	Hardened SonicWall Linux OS appliance		
Rackmount chassis	1RU	1RU	1RU
CPU(s)	Celeron G1820	i3-4330	E3-1275 v3
RAM	8 GB	16 GB	32 GB
Hard drive	500 GB	1 TB	1 TB
Redundant disk array (RAID)	–	RAID 1	RAID 5
Hot swappable drives	No	Yes	Yes
Redundant power supply	No	No	Yes
SAFE Mode Flash	Yes	Yes	Yes
Dimensions	17.0 x 16.4 x 1.7 in 43.18 x 41.59 x 4.44 cm	17.0 x 16.4 x 1.7 in 43.18 x 41.59 x 4.44 cm	27.5 x 19.0 x 3.5 in 69.9 x 48.3 x 8.9 cm
Weight	16 lbs / 7.26 kg	16 lbs / 7.26 kg	50.0 lbs/ 22.7 kg
WEEE weight	16 lbs / 7.37 kg	16 lbs / 22.2 kg	48.9 lbs/ 22.2 kg
Power consumption (watts)	46	48	158
BTUs	155	162	537
MTBF @25C in hours	130,919	150,278	90,592
MTBF @25C in years	14.9	17.2	10.3
<b>Email Security Software</b>			
Domains	Unrestricted		
Operating system	Microsoft Hyper-V Server 2012 (64-bit) or higher Windows Server 2008 R2 or higher x64 bit only		
CPU	Intel or AMD 64-bit processor		
RAM	8 GB minimum configuration		
Hard drive	160 GB minimum configuration		
<b>Email Security Virtual Appliance</b>			
Hypervisor	ESXi™ and ESX™ (version 5.0 and newer)		
Operating system installed	8 GB (expandable)		
Allocated memory	4 GB		
Appliance disk size	160 GB (expandable)		
VMware hardware compatibility guide	<a href="http://www.vmware.com/resources/compatibility/search.php">http://www.vmware.com/resources/compatibility/search.php</a>		

## SonicWall Email Security ordering information

### SonicWall Email Security Appliances

SKU Number	Product
01-SSC-7605	Sonicwall Email Security Appliance 9000
01-SSC-7604	Sonicwall Email Security Appliance 7000
01-SSC-7603	Sonicwall Email Security Appliance 5000
01-SSC-6636	SonicWall Email Security Software
01-SSC-7636	SonicWall Email Security Virtual Appliance



### SonicWall Email Security Subscriptions

SKU Number	Subscription
<b>SonicWall Email Protection Subscription</b>	
01-SSC-6669	SonicWall Email Protection Subscription and 24X7 Support 25 Users - 1 Server (1yr)
01-SSC-6678	SonicWall Email Protection Subscription and 24X7 Support 1,000 Users - 1 Server (1yr)
01-SSC-6730	SonicWall Email Protection Subscription and 24X7 Support 10,000 Users - 1 Server (1yr)
<b>SonicWall Email Anti-Virus Subscription</b>	
01-SSC-6759	SonicWall Email Anti-Virus 25 Users - 1 Server (1yr)
01-SSC-6768	SonicWall Email Anti-Virus 1,000 Users - 1 Server (1yr)
01-SSC-7562	SonicWall Email Anti-Virus 10,000 Users - 1 Server (1yr)
<b>SonicWall Email Encryption Subscription</b>	
01-SSC-7427	SonicWall Email Encryption Service 25 Users (1yr)
01-SSC-7471	SonicWall Email Encryption Service 1,000 Users (1yr)
01-SSC-7568	SonicWall Email Encryption Service 10,000 Users (1yr)
<b>SonicWall Email Compliance Subscription</b>	
01-SSC-6639	SonicWall Email Compliance Service 25 Users - 1 Server (1yr)
01-SSC-6648	SonicWall Email Compliance Service 1,000 Users - 1 Server (1yr)
01-SSC-6735	SonicWall Email Compliance Service 10,000 Users - 1 Server (1yr)
<b>SonicWall TotalSecure Email Subscription</b>	
01-SSC-7399	SonicWall TotalSecure Email Subscription 25 Users (1yr)
01-SSC-7398	SonicWall TotalSecure Email Subscription 1,000 Users (1yr)
01-SSC-7405	SonicWall TotalSecure Email Subscription 10,000 Users (1yr)
<b>Capture ATP Add-on for TotalSecure Email Subscription</b>	
01-SSC-1526	Capture ATP for SonicWall TotalSecure Email Subscription 25 Users (1yr)
01-SSC-1874	Capture ATP for SonicWall TotalSecure Email Subscription 1,000 Users (1yr)
01-SSC-1883	Capture ATP for SonicWall TotalSecure Email Subscription 10,000 Users (1yr)
<b>SonicWall Advanced TotalSecure Email Subscription (Capture ATP included)</b>	
01-SSC-1886	SonicWall Advanced TotalSecure Email Subscription 25 Users (1yr)
01-SSC-1904	SonicWall Advanced TotalSecure Email Subscription 1,000 Users (1yr)
01-SSC-1913	SonicWall Advanced TotalSecure Email Subscription 10,000 Users (1yr)

SonicWall Email Security Appliance Bundles and subscriptions are available in 25, 50, 100, 250, 500, 1,000, 2,000, 5,000, and 10,000 user packs and as 1yr, 2yr and 3yr options. Support is available as 8X5 option as well. Please consult with your local SonicWall reseller for a complete list of SKUs.

### About Us

SonicWall has been fighting the cyber-criminal industry for over 25 years, defending small, medium size businesses and enterprises worldwide. Our combination of products and partners has enabled a real-time cyber defense solution tuned to the specific needs of the more than 500,000 global businesses in over 150 countries, so you can do more business with less fear.