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HOSTED EMAIL SECURITY AND ENCRYPTION

Best-in-class email security service offering an optional secure email exchange service

Email continues to be vital to business communications and operations. However, as the volume of email increases, so too does the amount of ransomware, phishing, business email compromise (BEC), spoofing, spam and virus attacks. What's more, government regulations now hold your business accountable for protecting confidential data, ensuring it is not leaked and ensuring the secure exchange of email containing sensitive customer data or confidential information. Also, email spoofing is on the rise. Spammers are falsifying email sender addresses to fool recipients while also inflicting damage to unknowing, legitimate brands.

Protecting from the dynamic evolving email threat landscape while managing and maintaining an on-premises email security solution is costly and time-consuming. As such, organizations can benefit from replacing legacy solutions with an easy-to-use, affordable hosted email security solution that easily integrates with existing email infrastructure, that can be quickly provisioned without upfront expense and that dynamically responds to new threats while reducing ongoing administration cost and complexity.

SonicWall™ Hosted Email Security offers superior, cloud-based protection from inbound and outbound threats, including ransomware, phishing, business email compromise (BEC), spoofing, spam and viruses, at an affordable, predictable and flexible monthly or annual subscription price. At the same time, it minimizes

upfront deployment time and costs, as well as ongoing administration expenses.

SonicWall Hosted 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. SonicWall Hosted Email Security with Capture ATP gives you a highly effective and responsive defense against ransomware and zero-day attacks.

The service also includes advanced compliance scanning, management and optionally, email encryption, to prevent confidential data leaks, regulatory violations and to ensure the secure exchange of sensitive data. Policies may be configured at the organizational level, to scan outbound email content and attachments for sensitive data and route email for approval or encryption. 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. Unlike competitive solutions, the encrypted email may be accessed and read from mobile devices or laptops.

In addition, the service includes Domain-based Message Authentication, Reporting

Benefits:

- Protect against ransomware and zero-day malware with Capture ATP service

- Stop spam, phishing, zombie attacks and malware attacks

- Receive the most accurate and up-to-date protection against new spam attacks

- Get multi-layer anti-virus protection

- Preserve network bandwidth

- Simplify end-user spam management

- Increase efficiency and cost-effectiveness

- Safeguard email when servers are unavailable

- Simplify operations for managed service providers

- Prevent compliance violations with advanced compliance scanning and management and optional Email Encryption Service

- Customizable dashboard, real-time and pdf formatted reports

and Conformance (DMARC), a powerful email authentication method that helps identify spoofed mail, reducing advanced phishing attacks such as spear-phishing, whaling, CEO fraud and business email compromise. DMARC 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.

SonicWall Hosted Email Security is the only hosted solution to integrate multiple anti-virus technologies, including SonicWall Global Response Intelligent Defense (GRID) Anti-Virus, SonicWall Time Zero, and premium anti-virus technologies, including McAfee, Kaspersky, and Cyren to deliver best-in-class email security. The SonicWall GRID network performs rigorous testing and evaluation of millions of emails every day, and then reapplies this constantly updated analysis to provide exceptional spam-blocking results and anti-virus and anti-spyware protection.

In addition, with SonicWall Hosted Email security, there is no equipment to install on premises, eliminating upfront hardware and software expenses, and minimizing the time and resources needed to deploy and manage email security. Also, with a hosted service, there are no additional ongoing hardware or software updates, maintenance tasks or expenses. SonicWall takes care of keeping the service up to date so you always have access to the latest features and most secure service offering, allowing you to free up IT resources to focus on other tasks. With SonicWall Hosted Email Security, organizations get superior email security while reducing the administrative burden.

For MSPs and VARs

SonicWall Hosted Email Security is also available to MSPs and VARs interested in establishing a differentiated, highly profitable, email security software-as-a-service (SaaS) offering for customers that delivers superior, cloud-based protection from inbound and outbound spam, phishing, zombie attacks and malware without incurring upfront expense or financial risk. With the addition of a hosted solution to its already extensive email security lineup, SonicWall now offers VARs and MSPs a greater opportunity to compete and grow revenue while minimizing risk, overhead and ongoing costs. SonicWall Hosted Email Security includes MSP-friendly features such as central management for multiple subscribers, flexible purchase options and automated provisioning. With SonicWall Hosted Email Security, VARs and MSPs finally have a hosted email security solution from a security leader.

Features

Advanced Threat Protection — SonicWall Email Security Capture Advance Threat Protection Service detects and can 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.

Improved Office 365 support — The SonicWall Hosted Email Security service integrates with Office 365, to deliver a method for ensuring a correct/mapped message matching in a hosted, multi-tenant environment. In addition, Hosted Email Security supports the Automatic Office 365 IP address Allow List.

Stop spam, phishing, zombie and malware attacks 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.

The technology also provides directory harvest attack (DHA) protection, Denial of Service (DoS) protection and sender validation. Advanced techniques are also used to analyze email content, such as a Support Vector Machine (SVM) algorithm, adversarial Bayesian filtering, image analysis and gibberish detection to uncover hidden known threats, and new threats. Outbound email scanning safeguards your reputation by scanning for — and blocking — traffic from zombies, unauthorized senders and email containing malicious viruses.

Receive the most accurate and up-to-date protection against new spam attacks, while ensuring delivery of good email, with real-time threat information from the SonicWall 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, and identifies new threats in real time.

Get multi-layer protection, including SonicWall GRID Anti-Virus and premium anti-virus signatures, resulting in protection superior to that provided by solutions that rely on a single anti-virus technology. In addition, to prevent infection by new viruses before anti-virus signature updates are available, SonicWall Time Zero Virus Protection uses predictive technologies to identify email containing suspect new viruses and immediately quarantine it, safeguarding the network from the time a new virus outbreak occurs until the time an anti-virus signature update is available.

Email Compliance Policy Management and Encryption — Comply with regulatory mandates by identifying, monitoring and reporting on email that violates compliance regulations and guidelines (e.g., HIPAA, SOX, GLBA, and PCI-DSS) or corporate data loss guidelines. With compliance policy management, you can configure record ID matching to easily search for predefined information and attachment scanning to stop the release

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

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of unauthorized information, You can also select from predefined policies to achieve easy compliance, including predefined dictionaries to ensure the protection of confidential information. Also, you can establish approval boxes for scanning and approving emails before release and enable policy-based routing of mail for encryption to ensure the secure exchange of sensitive data.

Preserve network bandwidth by blocking spam and viruses in the cloud before delivering good email to the recipient mail infrastructure.
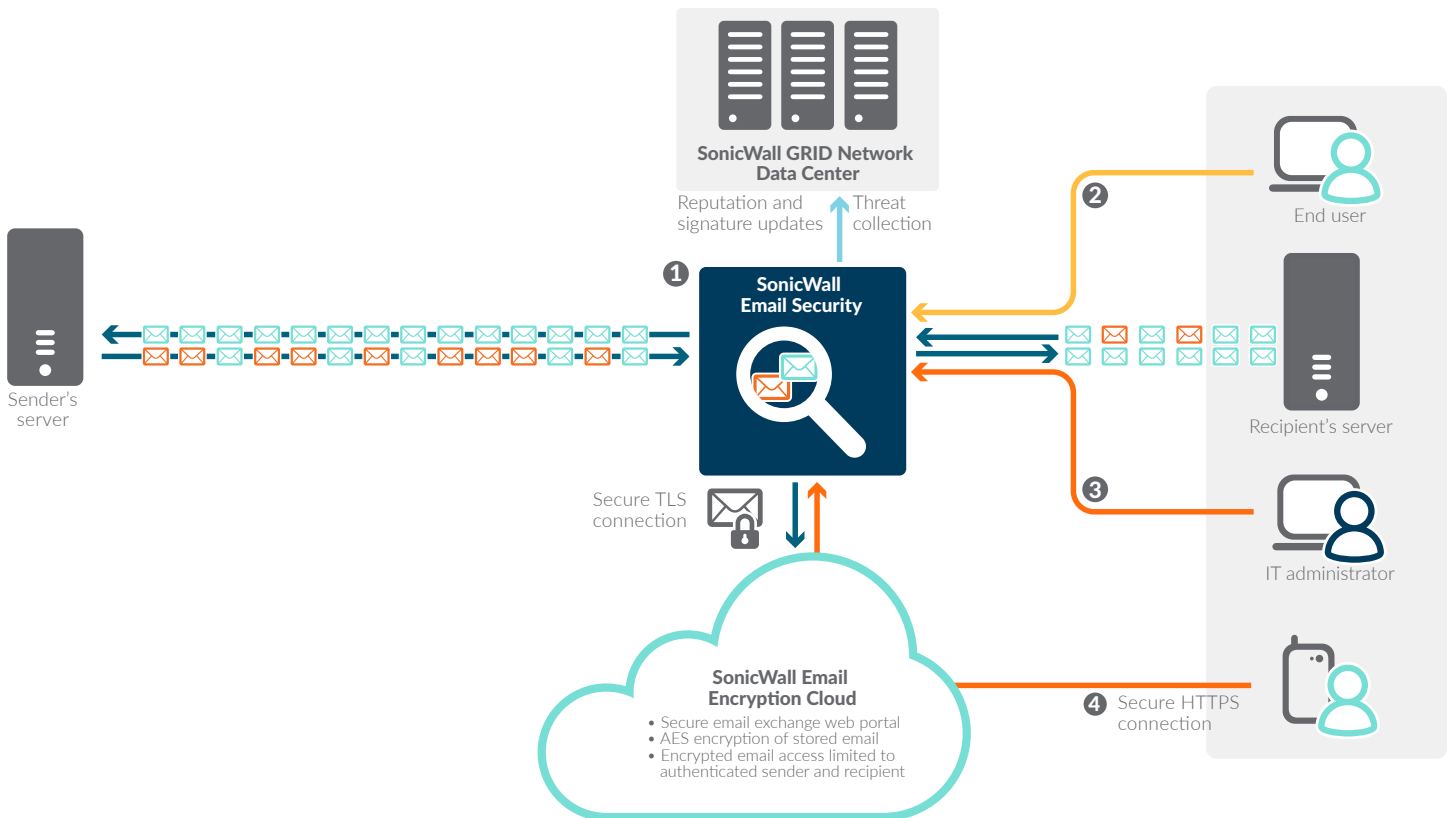
Simplify end-user spam management by safely delegating spam management to end users. Users get the freedom to personalize the aggressiveness of their spam detection settings, while IT retains ultimate control over the overall level of security enforced.

Increase efficiency and cost-effectiveness by reducing your up-front deployment expenses, as well as ongoing administrative costs. With SonicWall

Hosted Email Security, no on-premises hardware or software installation is required.

Safeguard email when servers are unavailable by spooling your filtered email messages if email servers are unavailable and then delivering them when the servers are back up.

Simplify operations for managed service providers with central account management, flexible purchase options and automated provisioning for multiple subscribers.

SonicWall GRID Network Data Center

Reputation and signature updates / Threat collection

SonicWall Email Security

Sender's server

Recipient's server

End user

IT administrator

Secure TLS connection

SonicWall Email Encryption Cloud
- Secure email exchange web portal
- AES encryption of stored email
- Encrypted email access limited to authenticated sender and recipient

❹ Secure HTTPS connection

❶ **Inspect and protect**
- Multiple proven, patented* techniques
  - Anti-spam
  - Anti-phishing
  - Anti-virus
- Multi-layer anti-virus protection

❷ **Managed by end user**
- Junk mailbox
- Allow/block list
- Junk summary settings

❸ **Managed by IT administrator**
- Set up and configuration
  - LDAP integration
  - Spooling management
  - Threat protection management
- Allow/deny user self-management
- Configure and monitor secure exchange portal
- Reports

❹ **Access to encrypted email**
- Mobile and desktop access to encrypted email
- Read or download encrypted email
- Send encrypted reply

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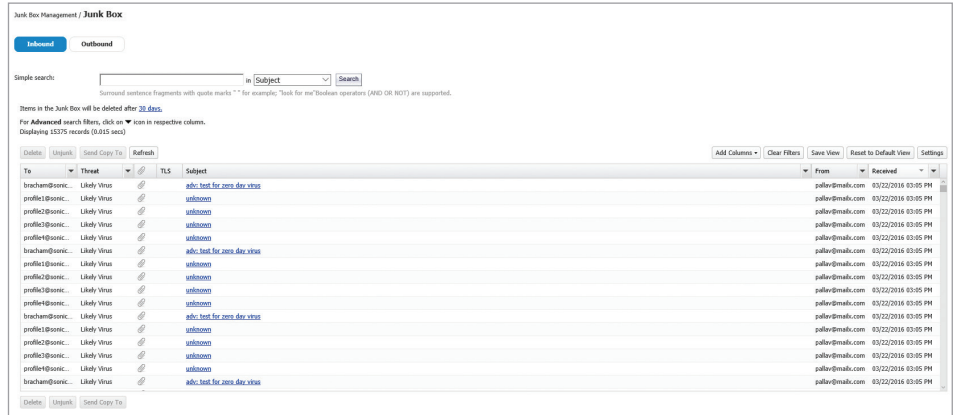
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Reports and monitoring

Email Security is easy to set up, easy to manage, and easy to own. Customizable, drag and drop dashboard, real-time and PDF formatted reports.
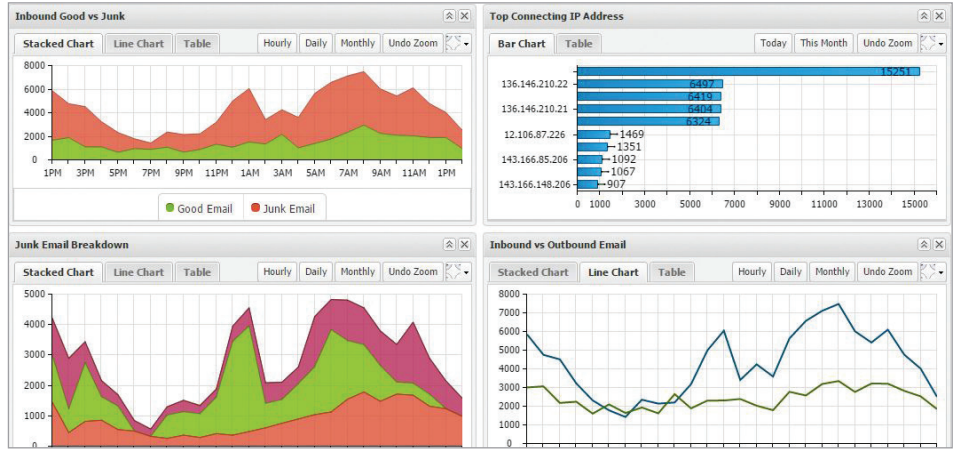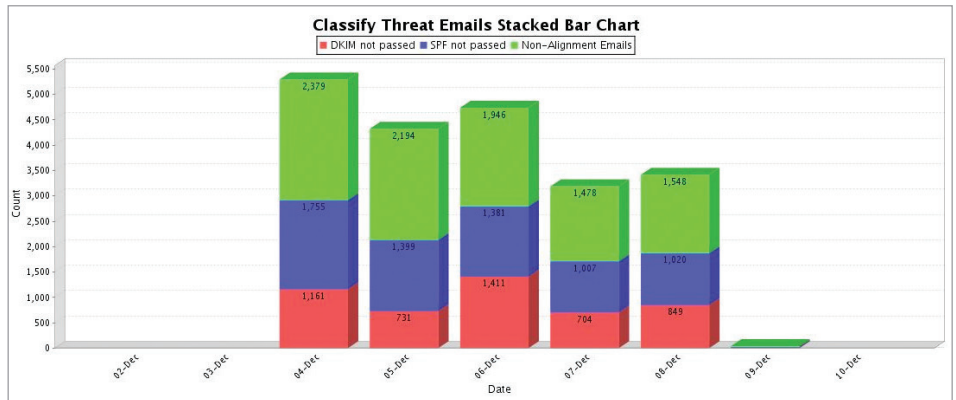

Junk Box summaries

Junk Box Summaries optimize end-user email productivity, reduce complaints and improve overall effectiveness.

Anti-spoofing DMARC report

Identify sources and senders of unauthorized email.

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COMPLETE INBOUND AND OUTBOUND EMAIL PROTECTION	
SonicWall Capture Advanced Threat Protection	Yes
Anti-spam effectiveness	Yes
Sender IP reputation	Yes
Directory harvest, denial of service, protection	Yes
GRID reputation services	Yes
SonicWall GRID Anti-Virus	Yes
SonicWall Time-Zero	Yes
Premium Anti-Virus (McAfee, Kaspersky, and Cyren)	Yes
Malicious URL detection	Yes
Phishing detection, classification, blocking	Yes
Zombie detection, flood protection	Yes
Policy rules	Yes
EASY ADMINISTRATION	
Automated provisioning and setup	Yes
Reputation auto-updates	Yes
Anti-spam auto-updates	Yes
Automatic upgrades and maintenance	Yes
GRID A/V auto-updates	Yes
Customize, schedule and email reports	Yes
Automatic LDAP Sync	Yes
Rapid message search engine	Yes
EASY FOR END-USERS	
SMTP Auth for inbound/outbound	Yes
Allow/deny all end user controls	Yes
Per user junk boxes	Yes
Per user anti-spam aggressiveness	Yes
Per user allowed/blocked lists	Yes
Junk box summaries in 15 languages	Yes
Judgement details	Yes
SYSTEM FEATURES	
Compatible with all SMTP email servers	Yes
SMTP Authentication support (SMPT AUTH)	Yes
Unrestricted domains supported	Yes
15 days of junk email retention	Yes
Email spooling up to 4 days	Yes
COMPLIANCE POLICY AND MANAGEMENT	
Attachment scanning	Yes
Record ID matching	Yes
Dictionaries	Yes
Approval boxes/workflow	Yes
Compliance reporting	Yes

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EMAIL ENCRYPTION SERVICE FOR HOSTED EMAIL SECURITY – OPTIONAL

Policy-enforced secure email exchange	Yes
Works natively on mobile devices (no app required)	Yes
Outlook Send Secure add-on button	Yes
Quickly encrypts file attachments up to 100MB	Yes
Send messages directly to recipient with nothing for them to install	Yes
Message notification includes link to auto-provisioned recipient accounts	Yes
Replies are automatically decrypted into sender's inbox	Yes
Built in tracking of all messages and files sent, received, and opened	Yes
Rebrand encrypted email	Yes
Reporting and monitoring	Yes
500 MB per company	Yes
Industry-standard, compliance-grade encryption: AES 256, TLS	Yes
No keys to manage or lose	Yes
Portal localized in ten languages including English, French, Italian, German, Spanish, Japanese, Brazilian Portuguese, Simplified & Mandarin Chinese, and Korean	Yes
Outlook 2010/2013/2016 support	Yes
SSAE 16, SAS 70 Type II & Fedramp Certified Data Center	Yes

SUPPORT AND SERVICES

24x7 email and phone support	Yes
Multiple data centers	Yes

HOSTED EMAIL SECURITY SUBSCRIPTION SERVICE (1 YEAR)	
Number of users	SKU number
10	01-SSC-5030
25	01-SSC-5033
50	01-SSC-5036
100	01-SSC-5039
250	01-SSC-5042
500	01-SSC-5045
750	01-SSC-5057
1,000	01-SSC-5048
2,000	01-SSC-5051

EMAIL ENCRYPTION SERVICE FOR HOSTED EMAIL SECURITY (1 YEAR)	
Number of users	SKU number
10	01-SSC-5078
25	01-SSC-5081
50	01-SSC-5084
100	01-SSC-5087
250	01-SSC-5091
500	01-SSC-5094
750	01-SSC-5097
1,000	01-SSC-5104
2000	01-SSC-5107

CAPTURE ATP SERVICE FOR HOSTED EMAIL SECURITY (1 YEAR)	
Number of users	SKU number
10 user pack	01-SSC-1650
25 user pack	01-SSC-1653
50 user pack	01-SSC-1656
100 user pack	01-SSC-1659
250 user pack	01-SSC-1838
500 user pack	01-SSC-1511
750 user pack	01-SSC-1514
1,000 user pack	01-SSC-1517
2,000 user pack	01-SSC-1520
5000 user pack	01-SSC-1523

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

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.