



IT Management Software as a Service EMS Email Security

Provide email without spam, malware and offensive content without the need for constant IT administration

Security threats are everywhere

The predominance of email as a primary communication vehicle in today's business environment has made it essential for organizations to keep their email secure from malware, spam and unwanted content. Viruses, Trojan horses, spyware, phishing attacks and spam are constant threats to operations, communication and safekeeping of intellectual property. In addition, confidential, offensive, inappropriate or time-wasting content in emails can result in damage to a company's brand or reputation, loss of productivity and loss of confidential data.

The increasing sophistication of these online threats to your email system present real business risks, and protecting your organization and making sure your employees remain productive can be a daunting task.

Dell EMS Email Security is a hosted email security solution that helps keep your email free of security threats and unwanted content. Delivered as a software as a service, EMS Email Security does not require any upfront capital expenditure, can be deployed in a matter of days and requires virtually no maintenance by your IT staff.

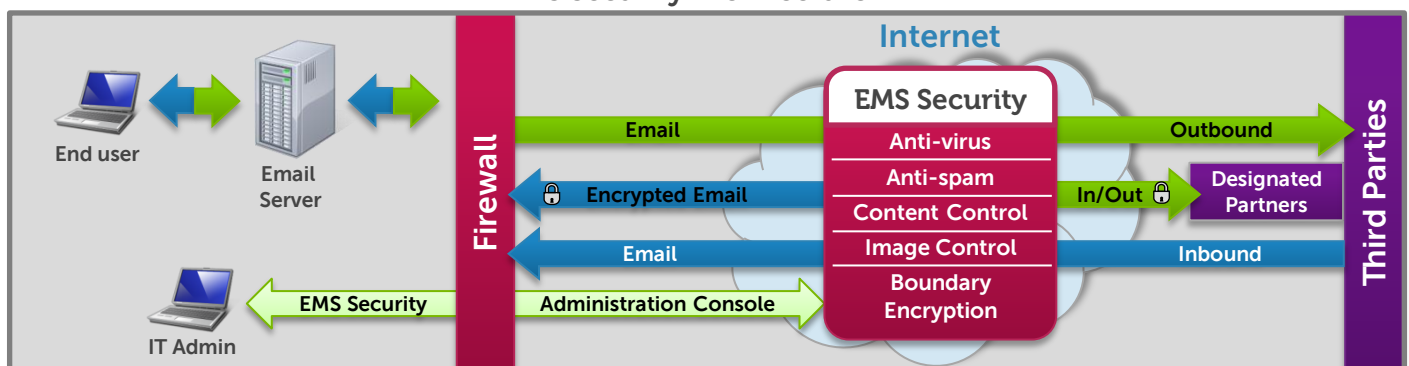
Comprehensive email security

Dell EMS Email Security protects your organization from spam, viruses and unwanted content by utilizing an architecture that combines multiple third party scanning engines, advanced perimeter defenses, multi-layered content and image filtering and proprietary predictive detection technologies. All inbound and outbound email is directed to EMS Email Security servers and scanned for threats and spam, both known and unknown based on predictive technology derived from scanning billions of emails on a daily basis. In addition, all email is also filtered for unauthorized content and images based on rules set by your administrators. EMS Email Security also allows you to set up Secure Private Email Networks (SPENs) with designated partners where the entire email connection between the designated parties is encrypted.

The end result is a solution that provides protection for both inbound and outbound email against known and unknown viruses, blocks spam and provides policy based content and image control, providing you with security and peace of mind.

- Multi-layered malware and spam defenses
- Filtering inbound and outbound email for inappropriate and offensive content and images
- Boundary encryption for ensuring the integrity of email communications between you and designated partners

EMS Security Architecture



Dell EMS Email Security

Help protect your email by blocking spam, viruses and unwanted content.

Comprehensive malware and spam protection

- Multi-layered spam and virus defenses ensure long-term, always-on network protection
 - Link following technology scans every URL within an email for threats
 - Traffic and connection management identify, slow and reject spam and virus attacks
 - Multiple commercial scanners detect and reject known and identified viruses and spam messages
 - Proprietary predictive technology incorporates thousands of heuristic rules, smart signatures, fuzzy fingerprints and dynamic header analysis to identify unknown and new viruses and spam
 - All inbound and outbound emails are scanned (can limit to inbound emails as an option)
- Message track and trace functionality enables administrators to determine if an email was delivered, blocked or in queue
- Dashboard, summary and detailed and scheduled reports provide visibility, accountability and confidence that your email is protected

Content Control

- Identifies and controls confidential, malicious or inappropriate email content sent or received by your organization
 - Administrators can set messages to be scanned for keywords, phrases, URL lists or alphanumeric formulas (such as credit card or Social Security numbers)
 - Content that matches filtering rules is then subject to a range of actions determined by the administrator – block/delete, redirect to administrator, copy to administrator, tag header/subject line, log in records and compress attached files
- Enables establishment of actionable use policies for email

Image Control

- Multi-layered image filtering and control service provides high level of detection for offensive and inappropriate images
- Helps reduce legal risk, safeguard your organization's reputation and aids in enforcement of use policies.

Boundary Encryption

- Harnesses Transport Layer Security (TLS) protocol to encrypt the email connection between the sender and designated recipient network boundaries,
- You can also have outbound email to any third party containing sensitive data encrypted based on pre-set encryption policies (custom service requiring additional fees – please ask your Dell representative about availability and pricing)

How Dell EMS Email Security works

All inbound and outbound email is directed by EMS Email Security where it is scanned for malware and spam and filtered for inappropriate content and images. In addition, email between your network and domains of designated partners is encrypted using TLS protocol. An email containing a virus is blocked for 30 days, and the intended recipient of the email is notified. An email containing spam is redirected with multiple block and re-routing options that can be set up by your administrators. Depending on settings, administrators or end-users can manage quarantined email and set up and edit blocked sender lists. An email containing inappropriate content or images, based on acceptable use policies set up by administrators, can be subjected to a range of actions based on your policies – email can be blocked or deleted, redirected to administrator, copied to administrator, the header or the subject line can be tagged or the existence of inappropriate content or image can simply be logged. All of this is accomplished with average latency of under 60 seconds.

For more information about any of our service offerings, please contact your Dell representative or visit dell.com/services

About Dell IT Management SaaS solutions

EMS Email Security is part of Dell's portfolio of IT Management Software as a Service (SaaS) solutions. Dell's SaaS solutions simplify the management of your IT environment so you can get up and running quickly, with lower deployment costs, fewer hassles, and less time spent on non-strategic tasks. You pay only for the services you need, gain instant access to the latest innovations without additional infrastructure or staff investments, and take your business from maintenance to momentum.

Applications Business Process Consulting Infrastructure Support

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