

# McAfee SaaS Email Encryption Service

Security-as-a-Service protects your classified data

McAfee® SaaS Email Encryption Service safeguards your confidential data and enables you to maintain compliance with regulations requiring encryption of sensitive data. A cloud-based solution, McAfee SaaS Email Encryption delivers unparalleled scalability, eliminates the burden of managing a solution, and empowers your mobile workforce to send and receive encrypted emails ubiquitously from any email client. And, it's a bidirectional encryption solution that can secure both the original message and replies.

## Encrypt Your Email the Simple Way

McAfee SaaS Email Encryption service offers:

- No hardware/software to install or manage
- No key management
- No upfront capital outlay
- No setup or upgrade fees
- 24/7 customer support at no extra charge
- Unlimited encryption

## Did you Know?

*"Email is the second most common source of data leakage-storage behind portable storage."*

—Forrester Research

*"One in five outgoing emails contains content that poses a legal, financial, or regulatory risk."*

—Forrester Research

The irony of email is that it's so critical yet so vulnerable. With one innocent click, years of product research, valuable intellectual property, and billions of dollars in account data can be lost through a simple email message.

With today's online and mobile society, confidential data is always on the move and always at risk. Mitigate the risks by encrypting your mail messages with McAfee SaaS Email Encryption. Our Security-as-a-Service solution helps organizations protect valuable information easily and economically, maintain a stronger business, and comply with privacy regulations.

## Secure Your Email Communications Easily

Protect your confidential outbound email without disrupting the day-to-day workflow of your employees with McAfee SaaS Email Encryption. The simple, cloud-based encryption secures confidential information delivery and helps your organization:

- Encrypt outgoing email with minimal administration
- Ensure compliance with data privacy and retention regulations
- Integrate data loss prevention strategies

## Confidential Information Remains That Way

Email has become critical to business communications, and, as a result, it ranks behind only portable storage devices as the top data leakage channel. McAfee SaaS Email Encryption can help curb losses of company sensitive data with a solution that is easy to use by both senders and receivers and easy to administer.

## Avoid Severe Consequences

The consequences of innocently forwarding confidential information can be severe, from significant fines to substantial business losses. You can avoid these consequences by implementing McAfee SaaS Email Encryption without any upfront investment in additional hardware or software. McAfee SaaS Email Encryption:

- Scales to meet the needs of any business
- Keeps your workforce agile; send and receive encrypted messages ubiquitously from any email client, including mobile devices

## Compose, Send, Retrieve—Easily and Safely

As with all of our cloud-based security solutions, McAfee SaaS Email Encryption offers enterprise-level performance without the complexity associated with on-premises solutions.

The solution offers flexible encryption options for the IT staff and for both the sender and recipient (See Figure).

As an administrator, use the unified web-based McAfee SaaS Control Console to set, review, and customize your organization's privacy policies (policy-driven encryption), so that confidential content is automatically encrypted. Multiple policies may be customized and enforced for respective user groups, branch offices, and lines of businesses.

As a sender, simply compose your email and send. The content is automatically scanned and encrypted if it matches the policy set by the administrator. This occurs transparently behind the scenes. Or, if the on-demand encryption option has been enabled, simply enter "[encrypt]" in

McAfee SaaS Email Encryption service helps businesses comply with industry and government legislation:

- Health Insurance Portability and Accountability Act (HIPAA)
- Sarbanes-Oxley Act (SOX)
- Gramm-Leach-Bliley Act (GLBA)
- Payment Card Industry Data Security Standards (PCI DSS)
- EU Data Privacy Protection Directive

either the subject line or the message body to force encryption.

Your email recipients can retrieve the message from the web-based message pick-up portal, or they can download a secure message reader, which enables viewing of the message directly through the recipients' email client. And, when they reply, the message can also be encrypted, providing bidirectional protection.

### Email Encryption Technology Made Simple

McAfee SaaS Email Encryption is built with trusted and proven standards-based encryption technologies. It removes the difficulty of installing and managing current solutions and is easy to use.

Encryption technologies used include: PKI, S/MIME, X.509 certificates, 3DES, AES-256, and 1024-bit RSA keys (with MDS and SHA-1 encryption algorithms). The encrypted message web portal utilizes 128-bit secure sockets layer (SSL).

### Another Critical Layer of Protection

At McAfee, our philosophy is that a layered approach to email and network protection is the most secure and effective. McAfee SaaS Email Protection is the foundation required for McAfee SaaS Email Encryption.

- *Your employees are more productive*—Our service effectively blocks more than 99 percent of spam with industry-leading low false positive rates
- *You automatically filter outbound email*— It's just as important to filter what goes out as what comes in. McAfee SaaS Email Protection provides outbound content filtering, protecting your business from malicious or accidental loss of sensitive data. The addition of McAfee SaaS Email Encryption further protects your data as it travels between sender and receiver in the open Internet.
- *You can focus on more priority projects*— Because the solutions are fully maintained by McAfee, you can keep your IT staff focused on strategic projects to drive your business forward
- *You gain peace of mind*—Real-time, automatic updates are performed 24/7/365 by world-class McAfee Labs™ experts
- *Your responsibility is minimal*—Activation starts with a simple mail exchange (MX) record redirection and fine-tuning through our intuitive web-based McAfee SaaS control console
- *You have no commitment*—There are no long-term contracts or hidden fees



Figure 1. McAfee SaaS Email Encryption  
Bidirectional policy-based email encryption

McAfee SaaS Email Protection is a cloud-based service that prevents inbound and outbound email threats from impacting your network and end users:

- *Your email network is safe*—We block billions of spam, viruses, worms, and phishing threats away from our customers' business environments every month

### Learn More

For more information on the security benefits of McAfee SaaS Email Encryption and McAfee SaaS Email Protection solutions, visit us at [www.mcafeesaas.com](http://www.mcafeesaas.com).

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