

PRODUCT BRIEF

AT A GLANCE

Content Encryption enhances the Symantec® Messaging Gateway by protecting sensitive data shared via email.

KEY BENEFITS

- Data protection
- Regulatory compliance
- Seamless user experience
- Cost efficiency

Content Encryption

For Symantec® Messaging Gateway

Why Email Encryption Is Essential

Email is a critical communication tool for businesses worldwide but also introduces significant security risks. Sharing sensitive information such as financial data, personal details, and intellectual property via email makes it a prime target for cyber criminals. Threats like interception, phishing, and business email compromise can lead to compliance violations, financial losses, and reputational damage. According to industry reports, these breaches can cost millions per incident. Unsecured email is especially vulnerable to unauthorized access during transit or at rest, often due to weak or absent encryption measures.

Encrypting email is a vital step in safeguarding sensitive communication. Even intercepted messages are protected, and their content remains unreadable to unauthorized parties. Encryption protects confidential information and helps organizations maintain compliance with privacy regulations, reduce legal exposure, and build trust with partners and customers.

Introducing Symantec Content Encryption

Symantec Content Encryption is an add-on cloud-based service for the Symantec Messaging Gateway. It provides a comprehensive, automated solution to secure sensitive data shared via email. Administrators can establish flexible, policy-driven encryption rules to protect information in alignment with organizational compliance requirements. With this hosted solution, organizations can quickly deploy robust encryption capabilities without the complexity of managing digital certificates or encryption keys.

Multiple Delivery Options

Content Encryption offers multiple delivery options—push, pull, and transparent—to secure email communications without requiring recipients to deploy software.

- Transparent encryption seamlessly secures emails while appearing as conventional messages to recipients.
- Push encryption delivers encrypted emails (secure PDF) to recipients as attachments. No additional software or web portals are required, providing users with a straightforward and frictionless experience. When opened, the message displays in the recipient's browser, where they can read, reply, or forward them. The secure PDF is compatible with modern devices and encrypts using 256-bit AES encryption.
- Pull encryption stores encrypted messages in a secure portal, sending recipients a notification with a link. Upon clicking, they access the portal to view, reply, forward, or compose secure emails. Messages are securely stored and accessed over SSL connections.

These flexible encryption methods ensure seamless and secure communication with customers and partners.

KEY FEATURES

- Flexible encryption options
- Secure PDF encryption
- Secure web portal
- Sender tools
- Customizable branding

Flexible Encryption Options

Content Encryption allows administrators to configure encryption methods based on recipient needs. Transparent delivery methods like TLS, PGP®, or S/MIME are prioritized, with fallback options such as web-based pickup portals or secure PDFs for broader compatibility.

Sender Tools and Customization

Content Encryption includes tools to enhance the sender experience:

- The Microsoft Outlook plugin offers an encrypt button for easy message encryption and features for setting message expiration or one-time passwords.
- Message recall allows senders to revoke access to messages sent via the pickup portal.
- Custom branding supports organizational logos and customizations for encrypted messages, notifications, and web portals.

Interoperability and Compatibility

The platform seamlessly interoperates with major encryption technologies, including PGP, S/MIME, X.509, and AES systems. Cloud-based global directories and enterprise-operated directories simplify credential management and ensure secure delivery to the intended recipient.

Summary

Symantec Content Encryption offers an easy-to-deploy, highly flexible encryption solution that adapts to modern communication needs. By automating and simplifying encryption processes, organizations can protect sensitive information, maintain compliance, and ensure trust in their email communications while reducing costs and operational complexity.