

Trend Micro™

Hosted Email Encryption

Automatically Encrypts Sensitive and Regulated Data

Today's confidentiality and privacy requirements drive organisations of all sizes and industries to secure sensitive data. As the primary means of business communication, email frequently contains sensitive data that requires secure transmission. Organisations also need to protect confidential emails for particular groups, such as executive management, human resources or legal departments. Policy-based email encryption automatically encrypts data using content filtering rules that identify types of content or email for particular groups. Encryption is applied when the rules are triggered. With policy-based encryption, organisations avoid relying on individual users to secure important content.

Trend Micro Email Encryption efficiently secures email delivered to anyone with an email address. Trend Micro's Private Post™ technology uses identity-based encryption (IBE). This approach eliminates the burdensome pre-registration and certificate management of Public Key Infrastructure (PKI) technology. Encrypted content is simply pushed from senders to recipients like any other email. Hosted Email Encryption is an add-on service that integrates seamlessly with the content filtering capabilities of Trend Micro™ Hosted Email Security that protects against spam, viruses and inappropriate content.

KEY FEATURES

Automatic Encryption Protects Privacy and Enforces Compliance

- Encryption is a content filtering rule action in Hosted Email Security—simply check a box to apply
- Content can be identified by attachment characteristics, keywords, lexicons, and customised data rules
- Policy-based encryption helps enforce HIPPA, GLBA, PCI DSS, UK Data Protection Act, and other data privacy regulations

Advanced Protocols Secure Communications

- Encrypts both email and attachments
- Uses Advanced Encryption Standard (AES) 256-bit encryption and Elliptic Curve Cryptography
- Decrypts via web browser for those without client software installed

In-the-Cloud Key Server Simplifies Administration

- Central Trust Authority provides in-the-cloud key management
- Identity-based encryption avoids costs and complexity associated with Public Key Infrastructure (PKI) technology
- No pre-enrollment required

Ease of Use Facilitates Adoption and Improved Productivity

- Integrates seamlessly with Hosted Email Security
- Requires no additional hardware or software
- Provides up to 100% coverage—can send secure email to anyone with an email address

HOSTED SERVICE

Protection Points

- In the cloud

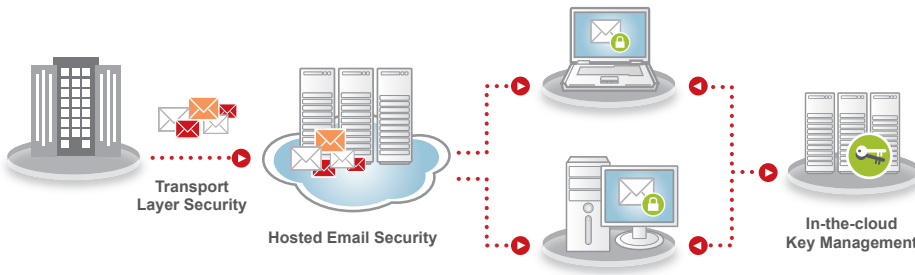
Threat Protection

- Privacy
- Compliance
- Securing intellectual property

KEY BENEFITS

- Protects sensitive and confidential data
- Enforces policies for regulatory compliance
- Enables increased trust among partners and customers
- Saves time and money with in-the-cloud deployment and key management
- Ensures privacy from service to recipient, allowing secure delivery to anyone with an email address

Example Configuration



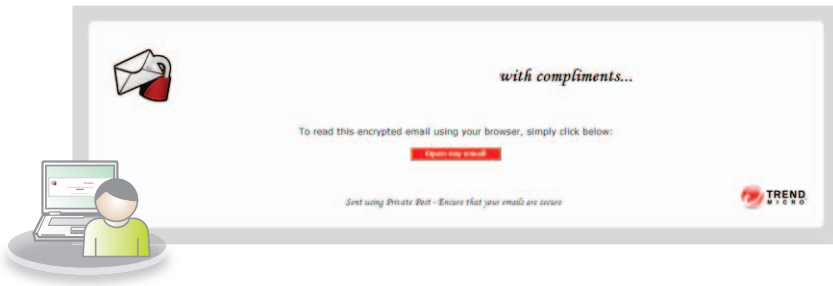
Hosted Email Encryption uses Trend Micro Hosted Email Security content filtering rules and in-the-cloud key management to easily and automatically deliver email data protection.

Trend Micro Hosted Email Encryption seamlessly integrates with the content filtering capabilities of Hosted Email Security. This hosted service provides:

- Antispam
- Antivirus
- Antispyware
- Antiphishing
- Content Filtering

RELATED PRODUCTS

- **Trend Micro™ Encryption for Clients** – Provides gateway email security in a software solution
- **ScanMail™ for Microsoft Exchange** – Adds a layer of messaging security at the mail server
- **Trend Micro™ Data Loss Prevention** – Helps prevent data leaks



Recipient Experience: Encrypted email is received in a sealed envelope. Recipients can download their own copy of Trend Micro Encryption for Clients or use their web browser to read and reply without the need to install any software.

SERVICE REQUIREMENTS

Must use Hosted Email Security with outbound content filtering. No additional hardware or software is required.

SYSTEM REQUIREMENTS FOR HOSTED EMAIL SECURITY

Hosted Email Security does not require email security hardware or software. All scanning hardware and software is located offsite at Trend Micro's secure network operating centers. A personal computer with Internet access is required to use the web-based Hosted Email Security administrative console. Encryption is applied through this console.

COMPATIBLE WEB BROWSERS

- Microsoft™ Internet Explorer 6.0 and 7.0
- Mozilla™ Firefox™ 2



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