

Trend Micro™

Email Encryption Gateway

Protects email privacy at the enterprise messaging gateway

Email is one of the most common forms of business communication and frequently contains confidential data requiring secure transmission. Organizations need to protect sensitive emails for privacy reasons as well as to achieve regulatory compliance. Encryption is a viable solution to secure enterprise communications when integrated with content security at the gateway.

Policy-based Encryption

Trend Micro™ Email Encryption Gateway enables the protection of intellectual property and helps to achieve regulatory compliance. Enterprise gateway encryption augments email security by providing policy-based encryption and integration with existing content security infrastructure. Policy-based email encryption automatically encrypts and decrypts emails based on administrator-defined policies, and when combined with a messaging security gateway solution, existing policies can be expanded to provide complex encryption/decryption rules that will satisfy even the most demanding companies avoiding the need to rely on individual users to secure private information.

Identity-based Encryption Avoids PKI Pain

Trend Micro Email Encryption Gateway employs Trend Micro™ Private Post™ technology for 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. It interoperates with messaging security gateway, and data leak prevention (DLP) solutions to enable application of security policies of encrypted emails.

In addition to Private Post, Trend Micro Email Encryption Gateway uses a virtual appliance form factor which minimizes cost of ownership, optimizes IT resource utilization, and enables flexible failover configurations.

KEY FEATURES

Protects Email Privacy, Facilitates Compliance

- Secures email delivery from gateway to desktop recipient
- Avoids potential snooping by external hackers or administrators handling email traffic, backup tapes, and email archives
- Helps to achieve regulatory compliance and safeguard privacy

Interoperability with Existing Content Security

- Augments existing messaging security gateway solution with option of encrypting email
- Simplified administration by applying content security policies in one place

Policy Manager

- Enables policy-driven encryption when deployed alone
- Policies can be disabled when a messaging security gateway solution is present and configured to apply the company defined policies

Virtual Appliance Form Factor

- Minimizes cost of ownership
- Optimizes resource utilization
- Enables flexible failover configurations

SOFTWARE

Protection Points

- Messaging Gateway

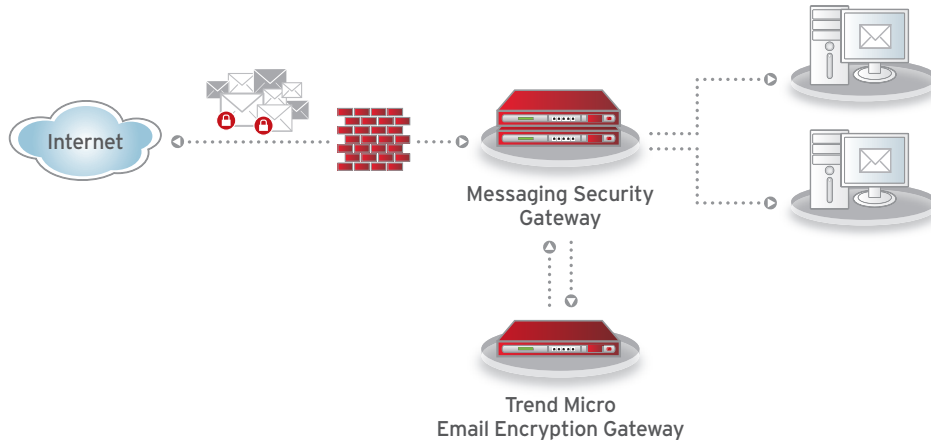
Threat Protection

- Privacy
- Compliance
- Securing intellectual property

KEY BENEFITS

- Secures email from sender to recipient
- Helps to achieve compliance with privacy regulations for email communications
- Enables increased trust among partners and customers
- Saves time and resources with Private Post in-the-cloud key management
- Avoids the cost and complexity of PKI technology

Trend Micro™ Email Encryption Gateway



Trend Micro™ Email Encryption Gateway uses identity-based encryption and in-the-cloud key management to deliver policy-driven email encryption.

RELATED PRODUCTS

- **Trend Micro™ Email Encryption Client**
Optional plug-in software supporting popular email clients to provide email encryption and decryption
- **InterScan™ Messaging Hosted Security**
Hosted email security reclaims bandwidth by keeping threats off the network
- **InterScan™ Messaging Security Suite 7**
Integrated email threat protection at the Internet messaging gateway
- **InterScan™ Messaging Security Virtual Appliance**
Integrated email threat protection at the Internet messaging gateway
- **ScanMail™ for Microsoft™ Exchange**
Adds a layer of messaging security at the mail server
- **Trend Micro™ LeakProof™**
Helps prevent data leaks
- **Trend Micro™ Message Archiver**
Secure email archiving includes instant access and reduced email management costs

MINIMUM RECOMMENDED REQUIREMENTS	
Component	Requirements
Software	
Server	VMware ESX 3.5 or ESXi 3.5
Hardware Virtual Hosted	
HDD	10GB Free Hard Disk Space
CPU	Intel Xeon or AMD Opteron (supporting VT)
RAM	1GB RAM
Virtual Appliance	
HDD	Virtual SCSI HDD 8GB—Pre-allocated
CPU	1 Virtual Processor
RAM	512MB RAM

System requirements change periodically. For the latest updates please visit the Email Encryption product page at www.trendmicro.com.



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