

## Email Encryption for InterScan™ Messaging Security

Virtual appliances deliver better protection and lower TCO at the email gateway

### Tired of the hassles of PKI Encryption?

Many organizations are turning to identity-based encryption to meet their encryption needs. It is easier to implement. It doesn't require effort-intensive pre-enrollment or management. And it efficiently secures email addressed to anyone, anywhere, using email addresses of recipients for their identity. Dynamic key generation eliminates the burdensome pre-registration and certificate management of traditional Public Key Infrastructure technology.

### Introducing Email Encryption for InterScan Messaging Security

Trend Micro™ Email Encryption Gateway provides identity-based encryption to protect intellectual property and to help achieve regulatory compliance. When combined with the content filtering policies of InterScan Messaging Security Virtual Appliance, email encryption enables enterprises to increase gateway defenses by securing emails and attachments to intended recipients.

Email Encryption Gateway integrates seamlessly with the content filtering capabilities of InterScan Messaging Security to automatically encrypt emails based on content filtering policies that identify types of content, such as key words, subject line, senders or recipients. Because encrypted content is automatically pushed from senders to recipients like any other email, enterprises don't have to rely on individual users to secure important content. The result is a gateway policy that enforces data security practices without burdening individual users.

### VMware Ready to Protect your Network and Lower your TCO

Together, InterScan Messaging Security Virtual Appliance and Trend Micro Email Encryption Gateway stop threats before they reach your network while protecting sensitive information that is leaving your network. Powered by Trend Micro Smart Protection Network, these virtual appliances help you lower costs and preserve productivity by securing your network against spam, spyware, viruses, phishing, data loss, and more.

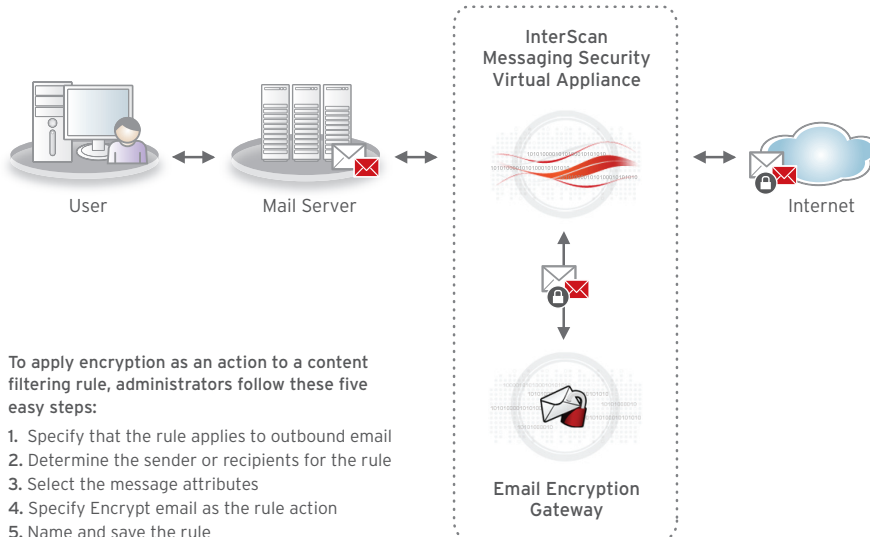
Trend Micro helps you achieve the flexibility, scalability, and cost savings associated with virtualization, while supporting green IT initiatives and lowering the high TCO associated with inflexible hardware appliances. VMware Ready certification ensures that InterScan Messaging Security Virtual Appliance is fully tested and supported in a VMware environment.





## Enabling Policy-Based Email Encryption

Email Encryption provides simple deployment and administration without altering existing business processes. Administrators simply configure content rules that apply encryption as a rule action.



To apply encryption as an action to a content filtering rule, administrators follow these five easy steps:

1. Specify that the rule applies to outbound email
2. Determine the sender or recipients for the rule
3. Select the message attributes
4. Specify Encrypt email as the rule action
5. Name and save the rule

For information on other email encryption solutions available from Trend Micro visit:

>> <http://us.trendmicro.com/us/products/enterprise/email-encryption/index.html>

For more information on InterScan Messaging Security Virtual Appliance visit:

>> <http://us.trendmicro.com/us/products/enterprise/interScan-messaging-security-virtual-appliance/index.html>



When indicating senders or recipients for a particular rule, administrators can use specific email addresses or select an entire domain. Administrators can combine data format lexicons, such as credit card or social security number formats, with client name lists or account numbers to flag emails with personally identifiable information, often required by regulations. Administrators can also specify exceptions to a rule.

## Conclusion

With policy-based encryption, organizations avoid relying on individual users to secure important content. Email Encryption is automatically applied when content filtering rules are triggered, helping to ensure that confidentiality and privacy requirements are met. Trend Micro's flexible Email Encryption solution leverages identity-based encryption to avoid the hassles of Public Key Infrastructure technology. Seamless integration with the content filtering capabilities of InterScan Messaging Security Virtual Appliance enables administrators to merely click a box to apply encryption as a rule action. Trend Micro makes it easy to securely encrypt content.