

Symantec™ Policy Based Encryption Advanced



Data Sheet: Messaging Security

Could an Email Containing Sensitive Data Put Your Business at Risk?

Around the globe, email is a widely accepted method for sharing information with partners and customers. However, a single email containing sensitive or confidential business information could put your entire organization at risk. Failure to protect this information can be costly: investigating a breach, settling legal issues, and paying fines from industry regulators can seriously harm your company.

Symantec™ Policy Based Encryption Advanced is an add-on to Symantec™ Email Security.cloud, provided in conjunction with our encryption partner Echoworx, that helps automatically safeguard the security and privacy of sensitive data you exchange with customers and business partners via email. The service lets you create and enforce flexible rules in accordance with policies set in Email Security.cloud Data Protection. By choosing a hosted encryption solution, you can start protecting your sensitive information in days – not months – and offload the cumbersome task of managing digital certificates and encryption keys.

Policy Based Encryption Advanced assists you in:

- Implementing regulatory compliance measures more effectively by enforcing encryption automatically based on customizable policy rules.
- Making encryption seamless to your users with multiple encryption options that can easily be read by the recipient on most devices, including mobile
- Managing costs by eliminating manual workarounds for sending secure data, deploying rapidly and reducing remediation expenses.

When setting up the service, administrators have maximum flexibility in determining which encryption method is used to send to different recipients. This allows the admin to attempt more transparent delivery methods, such as attempting TLS, PGP, or S/MIME first before falling back to less transparent delivery methods such as the web based pickup portal or secure PDF. The service is fully hosted and does not require installation of appliances or software by senders or recipients – regardless of whether organizations or individuals exchanging emails with your business are Symantec customers or have their own encryption capabilities.

Symantec Policy Based Encryption Advanced Features

Current Email Security.cloud customers with the Email Safeguard plan or Email Data Protection already have the ability to enforce TLS connections with third party business partners and access to Policy Based Encryption Essentials, which offers a Symantec branded experience that will embed the message and any attachments into a password protected secure PDF file. Policy Based Encryption Advanced (formerly known as Policy Based Encryption E) includes these additional features:

- PGP and S/MIME support
- Secure PDF encryption on the attachments of the message only
- Web-based pick-up portal
- Sender-defined message expiry and sender recall on pick-up portal messages
- Customizable branding

Platform and S/MIME and PGP Support

The Symantec Policy Based Encryption platform works with major email and data encryption platforms, including interoperability with PGP, S/MIME, X.509, and AES encryption systems. Credentials can be looked up via a cloud-based global directory, a publically available LDAP directory, and/or an enterprise-operated directory for any type of common credentials for seamless encryption and delivery to the intended recipient. Policy Based Encryption Advanced also allows customers to add their own private and public PGP and third party S/MIME keys into the system easily and allow end-users to do the same.

Secure PDF (full message or attachment)

Secure PDF is an encrypted email that is pushed directly to an external recipient's inbox and can encrypt either the entire message or a message attachment. The recipient does not need to install custom software or applications to read their encrypted email, and since it is delivered directly to their inbox, they do not need to visit a web portal. Secure PDF is a password-protected, 256-bit AES encrypted file. This method is supported natively by all modern desktops, tablets, and smartphones. Attachments do not need to be in PDF format to be sent as Secure PDF.

Encrypted Web Portal

Symantec Policy Based Encryption Advanced offers a secure web-based message pickup portal. External recipients are prompted (via email notifications) to visit the Encrypted Web Portal and read a secure email that has been sent using Policy Based Encryption Advanced. Messages are stored as S/MIME-encrypted files, and valid user authentication will unlock the correct messages and display them to the user over an SSL connection. Registering an account with the portal, or social login, which will allow recipients to authenticate using existing login information from social networking services such as Facebook, LinkedIn or Google (using the OAuth standard), are the two most common methods for authenticating the recipient with the portal.

Sender Tools and Customization

Policy Based Encryption Advanced offers a number of additional tools for senders. A plugin for Microsoft Outlook on Windows computers provides an easy-to-use encrypt button to flag messages for encryption. It can also be used to set a one-time password for messages that will use the pickup portal or secure PDF encryption which means the recipient can avoid the registration process once the sender has provided the password to the recipient. The ability to set when a message expires can also be configured for web pickup portal messages via the plugin.

In the event a sender needs to recall a pickup portal message, this can be achieved via notifications to the sender confirming that an encrypted message has been sent. Administrators can also add their organizations' own branding to the encrypted messages, notifications, and pickup portal.

Requirements

Symantec Email Security.cloud Email Safeguard service plan or Email Data Protection

For Outlook Plugin: Microsoft Outlook 2003, 2007, 2010, or 2013

More Information

Visit our website

<http://go.symantec.com/email>

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec Corporation (NASDAQ: SYMC) is the global leader in cybersecurity. Operating one of the world's largest cyber intelligence networks, we see more threats, and protect more customers from the next generation of attacks. We help companies, governments and individuals secure their most important data wherever it lives.

To learn more go to www.symantec.com or connect with Symantec at: go.symantec.com/socialmedia.

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