

Symantec[™] Policy Based Encryption Advanced

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 through 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 instead of months—and offload the cumbersome task of managing digital certificates and encryption keys.

Policy Based Encryption Advanced assists you in the following ways:

- 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 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 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 through a cloud-based global directory, a publically available LDAP directory, and 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 allows 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 (through 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 through the plugin.

In the event a sender needs to recall a pickup portal message, this can be achieved through 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.

System Requirements

Operating Systems

Windows 8.1/Windows 10

Upgrading to the latest service pack is recommended for all operating systems.

Email Client

Microsoft Outlook 2013/2016/2019/Office 365 (Desktop version)

Hardware

20MB of free hard drive space

Other

An internet connection is required

More Information

Visit our website: www.broadcom.com/products/cyber-security/network/messaging-security

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As part of Broadcom Software, Symantec helps organizations and governments secure identities and information wherever they live. The Symantec Integrated Cyber Defense approach simplifies cyber security with comprehensive solutions to secure critical business assets across on-premises and cloud infrastructures.