

Symantec® Encryption

PGP® Encryption Suite

Overview

The shift to a mobile and remote workforce has driven IT modernization for most organizations, and it has also introduced new challenges, particularly in safeguarding data from endpoint devices. Laptops, removable media, and cloud-based services have enabled employees to work from anywhere, but this freedom has increased the risk of data loss or breaches from lost or stolen devices. Cloud sync and share services, along with shared file servers, can inadvertently expose sensitive information if not properly secured, making them prime targets for malicious actors or unintentional leaks. While some organizations trust cloud vendors to protect their data, others require encryption solutions to ensure customer privacy and mitigate potential breaches. Email, a vital collaboration tool, further complicates data security, as human error—such as accidentally sending sensitive files—remains a significant vulnerability. Organizations must prioritize securing data across all platforms, ensuring that only authorized users have access, to balance productivity with the protection of sensitive information.

Introducing Symantec® PGP® Encryption Suite

The PGP® Encryption Suite offers a comprehensive set of capabilities to encrypt both *data at rest* and *data in motion* for endpoints by consolidating a series of Symantec® Encryption products into a suite offering. These products include: Symantec Endpoint Encryption, Symantec Desktop Email Encryption, Symantec File Share Encryption, and their respective management servers. The suite also includes the PGP Encryption Server, which is the backbone to these products, and the key management server, which centralizes the storage of encryption keys, eliminating the need to install the keys on every server for simplified management and support.

Capabilities of PGP Encryption Suite



**Drive and Removable
Media Encryption**



**Desktop
Email Encryption**



**File and Folder
Encryption**

Delivering Comprehensive Endpoint Encryption

Drive and Removable Media Encryption

The PGP Encryption Suite includes Symantec Endpoint Encryption, which empowers your workforce to be productive from anywhere while ensuring the protection of sensitive data stored on their devices. This is achieved through robust full-disk and removable media encryption. Built on world-leading PGP encryption technology and featuring an intuitive central management platform, it safeguards sensitive data from loss or theft. Additionally, the system helps administrators demonstrate that a device was encrypted in the event that it goes missing.

Desktop Email Encryption

Symantec Desktop Email Encryption, included with the PGP Encryption Suite, offers automated encryption, decryption, digital signing, and message verification in alignment with centrally managed policies for employees and internal users. This encryption process occurs at the client level, ensuring that communications remain secure before traversing internal networks or being stored in cloud repositories. Additionally, Symantec Gateway Email Encryption (sold separately) enables message encryption based on highly customizable rules, without requiring a client.

File and Folder Encryption

Symantec File Share Encryption, included with the PGP Encryption Suite, extends file server access controls to incorporate strong end-to-end encryption. This enables content owners or administrators to specify access rights for specific groups, individuals, applications, or file locations. Administrators can set encryption policies to ensure automatic encryption when data is created by selected applications or sent to specific folders. Encrypted files and folders can be moved without compromising their encrypted status, ensuring that only authorized users have access to sensitive data.

Why Symantec PGP Encryption Suite

- **Comprehensive Endpoint Protection:** PGP Encryption Suite provides robust full-disk and removable media encryption, protecting sensitive data on devices, even if they are lost or stolen.
- **Secure Email Communication:** PGP Encryption Suite offers automated encryption, decryption, and message verification, ensuring that emails remain secure while they are in motion or at rest.
- **End-to-End File Encryption:** PGP Encryption Suite extends file server access controls with strong end-to-end encryption, enforcing policies that automatically encrypt data as it gets created on endpoints.



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