PRODUCT BRIEF

PGP® Command Line

AT A GLANCE

PGP Command Line protects large volumes of information being exchanged and transferred between internal systems, suppliers, and customers.

KEY BENEFITS

- Quick time to deployment
- Addresses regulatory compliance
- Trusted data transactions

KEY FEATURES

- Fast and flexible integration and deployment
- Industry-leading data encryption
- Comprehensive protection

Overview

Enterprises face data protection concerns around targeted cyber attacks, digital transformation, and privacy laws. One threat vector occurs during the exchange of large volumes of information between internal systems, cloud-based environments, suppliers, and customers. Data transfer and processing systems are at the heart of nearly every organization, and traditional file transfer and email protocols have been prone to security breaches because these systems have no built-in security.

Symantec® PGP® Command Line delivers the highest level of protection to mitigate data breaches and compliance risks for organizations that need to securely exchange large volumes of information. PGP Command Line can also be used to protect large volumes of information stored on servers from unauthorized access. With PGP Command Line, you can write command line scripts that use Symantec encryption technology to perform the following tasks:

- Encrypt, sign, decrypt, and verify individual files or collections of files
- Create and manage keys on a local keyring
- Securely and centrally manage keys on the Symantec Encryption Management Server through a key management server (no local key management needed)
- Manage keys on the Symantec Encryption Management Server
- Create consumer or user accounts on the Symantec Encryption Management Server
- Manage X.509 certificates, including requesting and validating a certificate
- Encrypt, sign, decrypt, and verify email

With these core features, PGP Command Line secures the day-to-day operational data transfers and exchanges. It enables you to protect your applications and data with minimal service disruptions.

Fast and Flexible Integration and Deployment

PGP Command Line is a flexible security application that easily integrates with most commercial and home-grown data transfer and processing systems. PGP Command Line integration provides the following advantages:

- **Secure data exchange with any recipient:** Provides multiple options for protecting data to ensure secure transmissions regardless of the technical capabilities of the recipient.
- **Easy alternative to network-layer encryption:** Encrypts the data itself, eliminating the need for hard-to-manage VPNs.

Fast and Flexible Integration and Deployment (cont.)

PGP Command Line can be integrated in virtually any automated process or into scripts for automating tasks. The solution commands are easily added to shell scripts or scripts written with scripting languages, such as VB, .Net, Perl, or Python. PGP Command Line can be called by any programming language that allows you to call executables and pass parameters to the executable. This functionality enables you to secure existing business services with minimal impact on the applications themselves. Additionally, any new applications will benefit from leveraging an established, proven cryptographic standard using a straightforward interface.

COMPREHENSIVE PROTECTION

PGP Command Line protects corporate data end-to-end, at every point during transmission, and while stored on disk. PGP Command Line provides the following types of protection:

- **Protection throughout the data lifecycle:** Keeps data secure while in transit and at rest, even if the server is breached.
- **Authenticity and audit trails:** Digitally signs data to provide long-term audit trails and to enable the recipient to verify the authenticity of the sender and content.

Once deployed, PGP Command Line automatically encrypts and decrypts data on-the-fly to handle the following types of use cases:

- **File transfer security:** Provides encryption for file transfer between internal systems, suppliers, and customers.
- **Email encryption:** Encrypts emails in automated processes using the OpenPGP or S/MIME standard.
- **Faster transmissions:** Compresses data to save transfer time and bandwidth.
- **Secure file deletion:** Securely and permanently eliminates all traces of sensitive files from a disk.

Industry-Leading Data Encryption

For most organizations, the primary driver behind deploying an encryption solution is to protect sensitive or regulated data, and lessen the impact of the assumed breach. In fact, several regulations such as Continuous Diagnostics and Mitigation (CDM), Payment Card Industry Data Security Standard (PCI DSS), Health Insurance Portability and Accountability Act (HIPAA), and the EU General Data Protection Regulation (GDPR) must have an auditable encryption solution in place to protect the privacy of customer data. In many cases, when a data breach occurs, organizations must notify victims and governing bodies of what happened. With encryption in place, organizations can apply for Safe Harbor, removing the need to disclose if a data breach occurred. PGP Command Line secures any data being exchanged as part of an automated business process, thereby helping organizations to comply with regulations and protect privacy and confidentiality. Available on many platforms, PGP Command Line secures mission-critical data across the enterprise. Unlike alternative solutions, PGP Command Line helps protect data at rest, in motion, and in use with support for digital signatures to generate audit trails.

Summary

PGP Command Line is a powerful and flexible encryption application that can meet the needs for just about any encryption requirement. It integrates with a wide range of automated processes such as file transfers, bulk emails, or backups. PGP Command Line can protect data easily and with little impact on existing systems, and it is supported on the most widely used enterprise operating systems. The solution helps to ensure that corporations have long-term access to encrypted data, and it establishes a common denominator that securely connects mixed systems. Additionally, PGP Command Line can be combined with the other components of the Symantec Encryption portfolio to deliver comprehensive enterprise coverage.

For more information, please visit: www.broadcom.com/symantec-encryption

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