



The MailFrontier – PGP Universal Encryption Solution provides industry-leading encryption capabilities with the following benefits:

- Immediate deployment
- Pre-configured, pre-hardened solution, based on IBM xSeries hardware
- Robust and easy gateway-to-desktop encryption
- Compliance tool critical for regulations, such as HIPAA, Gramm-Leach-Bliley, and Sarbanes-Oxley
- Ease of single purchase of email security and encryption capabilities
- Assurance of compatibility and support by MailFrontier

Not protecting sensitive information can have significant consequences on an organization, including fines, legal fees, intellectual property theft, loss of reputation, and other damages.

The MailFrontier – PGP Universal Encryption Solution helps protect against damages by meeting performance, security, and deployment requirements to comply with industry regulations and best practices.

Email Encryption

The need for email encryption has increased as legislative regulations such as HIPAA, Gramm-Leach-Bliley, and Sarbanes-Oxley require organizations to secure confidential data and as enterprises work toward protecting sensitive information and intellectual property. However, many encryption solutions can be difficult to deploy and use.

To be effective, an encryption solution must be easy to incorporate into an organization's email network. The optimal solution will also be able to encrypt and decrypt emails automatically, according to corporate and regulatory policy, freeing end users from the responsibility of managing the encryption process.

MailFrontier – PGP Universal Encryption Solution

MailFrontier is the leading provider of email security and compliance solutions that protect organizations against threats, such as spam, phishing, and viruses; identify and enforce regulatory and corporate compliance policies; and enable consolidation of email infrastructure.

As part of its comprehensive email security solution, MailFrontier offers the MailFrontier™ – PGP Universal™ Encryption Solution, providing encryption as an important enforcement action for regulatory and corporate compliance requirements. The MailFrontier – PGP Universal Encryption Solution integrates with MailFrontier Gateway to offer a centrally managed, easy-to-deploy, gateway-based encryption solution for email.

MailFrontier – PGP Universal Encryption Solution Technology

The MailFrontier – PGP Universal Encryption Solution enables the enforcement of inbound and outbound email security policies from the gateway to and from external business partners, suppliers, and customers without altering an employee's or recipient's email experience.

The appliance technology is gateway-based, automatic, user-transparent, and non-disruptive to deploy. Confidential messages are identified by MailFrontier and automatically encrypted and digitally signed using standards-based PGP Universal technology. PGP Universal then automatically performs all key management, key lookup, and message delivery to recipients. The appliance supports major encryption standards and delivers email securely even if the recipient has no encryption solution. The MailFrontier – PGP Universal Encryption Solution provides encryption, decryption, digital signing, and message verification from the gateway to the end recipient.

MailFrontier Provides Complete Email Security and Compliance

MailFrontier Gateway email security solution integrated with the MailFrontier – PGP Universal Encryption Solution's automatic, network-based encryption, provides enterprise customers a full gateway email security solution that includes encryption, digital signatures, anti-spam, anti-virus, anti-phishing, and content filtering, all managed through MailFrontier's easy-to-use, Web-based administrative interface.

Email Flow Through MailFrontier Gateway and the MailFrontier – PGP Universal Encryption Solution

Inbound Message Flow

Encrypted inbound messages are received by MailFrontier Gateway and routed to the MailFrontier – PGP Universal Encryption Solution, where they are decrypted and authenticated. Messages then return to MailFrontier Gateway to be scanned for email threats and policy enforcement.

Outbound Message Flow

Outbound mail is scanned by MailFrontier Gateway for email threats and policy enforcement. Emails meeting policies that require encryption are identified and sent to the MailFrontier – PGP Universal Encryption Solution for encryption and digital signature. The appliance automatically performs all key management, key lookup, and message delivery to recipients without keys.

MailFrontier Policy Management and Encryption

Whether using MailFrontier Gateway's robust policy management or the specialized policy management offered in the MailFrontier Compliance™ module, MailFrontier – PGP Universal Encryption Solution can be used as an automated action option that supports regulatory and corporate compliance.

Through MailFrontier Gateway and MailFrontier Compliance module, email containing sensitive information can be identified based on specified content, attachments, record matching, dictionary checks, and other email features. Email is evaluated for these characteristics and remediation actions are applied to selected groups, domains, or users.

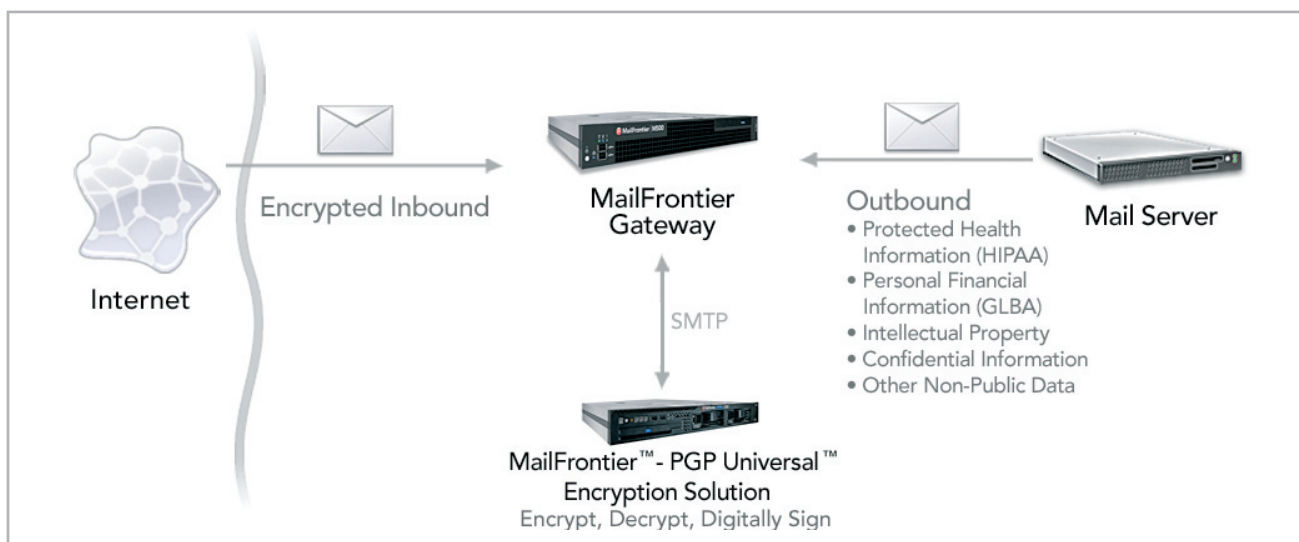
MailFrontier – PGP Universal Encryption Solution provides the ability to easily encrypt messages containing sensitive information as identified by MailFrontier Gateway, simplifying and enforcing policy management. Applying encryption automatically to policies eliminates the need for user intervention, removing the burden from employees and ensuring that confidential information is securely encrypted.

MailFrontier Streamlines Encryption and Reduces Costs

Because encryption is implemented based on policy, it is applied only when needed, saving customer resources and costs.

When combined, MailFrontier Gateway and MailFrontier Compliance module for policy management along with the MailFrontier– PGP Universal Encryption Solution for encryption enforcement provide a powerful, comprehensive solution for protecting corporate data and complying with regulations specifying the need to protect confidential or personal information.

MailFrontier Gateway and MailFrontier – PGP Universal Encryption Solution Typical Deployment



 **MailFrontier™**
Email is good again.™

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