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FrontBridge Offers Automated Email Encryption With Secure Email Managed Service

*-- Policy-Based Service Simplifies Message Encryption and Decryption; Requires No
Client Side Hardware or Software--*

LOS ANGELES, Calif. – June 20, 2005 – FrontBridge Technologies Inc., a leading provider of secure managed messaging services, today launched FrontBridge Secure Email, a policy-based service that enables enterprises to control external access to sensitive messages by automatically enforcing encryption rules at the network edge. FrontBridge Secure Email drastically simplifies regulatory and legislative compliance initiatives for organizations with a service-based approach that requires no installation of expensive hardware or software and is available for immediate person-to-person confidential communication.

“Several privacy regulations mandate protected communications with customers, patients and business partners and companies can face stiff penalties if they do not comply,” said Michael Osterman, president and founder of Osterman Research (Black Diamond, Wash.). “Despite being a critical enterprise requirement, most organizations have failed to address the challenge of deploying encrypted email, dismissing most solutions as difficult and expensive to implement. FrontBridge’s policy-based approach coupled with the technical ease of Identity Based Encryption (IBE) from Voltage Security is a giant leap forward in helping drive the widespread adoption of encrypted communications.”

FrontBridge Secure Email does not require the on-premise installation of a gateway key server, with all implementation tools located in FrontBridge’s global data centers. Companies simply need to point their Mail Exchange (MX) records to FrontBridge to take advantage of the easy-to-use managed service. System administrators can define rules to encrypt email based on a sender’s email address or domain; a recipient’s email address or domain; and, content matching in the subject line or message body, enabling policy-enforced encryption for all outbound emails. The public key for reading the email becomes the recipient’s email address, eliminating the need for complicated per-user certificates typically employed by Public Key Infrastructure (PKI)-based systems. Upon receipt of a secure email, recipients simply need access to a Web browser to authenticate, read and even reply back securely.

Leading Outsourcer Leverages IBE-Based Secure Email to Protect Patient Information

Healthaxis, a leader in complete front-end management, outsourcing services and end-to-end claims administration solutions, uses IBE-based encryption to help healthcare organizations secure patient health information. This type of secure email enables Healthaxis to quickly and efficiently communicate

sensitive patient data using electronic channels while maintaining compliance with the security rule of the Health Insurance Portability and Accountability Act (HIPAA).

"Customer privacy is extremely important to us. We needed an encryption technology that would enable us to communicate PHI in real-time," said Will Long, director of IT security/technical services for Healthaxis. "We evaluated several competing options and selected Identity-Based Encryption technology to secure our email for ad-hoc communications."

A Layered Approach to Email Encryption

FrontBridge already offers customers complimentary secure messaging sessions between mail servers supporting the Transport Layer Security (TLS) protocol. Policy-enforced encrypted email removes the need for complicated certificates, certificate revocation lists (CRL) and other costly infrastructure. For companies requiring encryption of intracompany emails, FrontBridge also offers a desktop client version of its secure email service. FrontBridge Secure Email integrates with its Total Message Management portfolio, which includes award-winning services for spam and virus filtering, content and policy enforcement, and email and instant message archiving.

"FrontBridge's layered approach to encryption is a step beyond competitive offerings," said Dan Nadir, vice president of product management for FrontBridge Technologies. "Policy-based encryption places minimal strain on the end-user and is the only way to ensure that communications are completely encrypted from sender to recipient, regardless of what transport protocols they support. We believe that the type of ad hoc correspondence we're enabling will greatly spur the deployment of encryption technologies and help catapult secure email into the mainstream."

FrontBridge Secure Email includes the following features:

- **Easy Policy Definition:** Policy rules to encrypt email can be based on the sender/recipient address or domain as well as content matching the subject line or message body
- **Anytime, Anywhere Secure Communication:** Users can encrypt and decrypt online and offline communication and information anywhere in the world with transparent roaming and full support of mobile messaging devices such as Blackberry
- **Self-Provisioning:** No pre-enrollment of recipients is needed to send secure ad hoc correspondence
- **Ease-of-Use:** Seamless integration with leading client applications enables users to visibly send and receive secure communication without changing their day-to-day behavior
- **Ease-of-Administration:** Service ensures business continuity, can be quickly implemented and centrally administered and doesn't require complicated archive solutions for keys or messages
- **Low Total Cost of Ownership (TCO):** Service eliminates complex infrastructure and reduces overall costs

About Identity-Based Encryption (IBE)

Voltage Security products and services feature an award-winning, breakthrough technology called Identity-Based Encryption, or IBE. IBE was first proposed in 1984 by Adi Shamir, co-inventor of the widely-used RSA encryption algorithm. Shamir suggested that using common identities, such as an email address, directly as keys would greatly simplify the management and usability of cryptographic software. After 17 years, Professors Dan Boneh of Stanford University (co-founder of Voltage Security) and Matthew Franklin of University of California, Davis developed the first efficient and practical IBE system. Their algorithm, known as Boneh-Franklin IBE, enables an architecture for encrypting information without the need for certificates and complex infrastructure. Since the publishing of their original paper on IBE, more than 200 academic papers have been written on this subject and related technologies.

The practical application of Voltage IBE results in a solution that is:

- **Easy to implement and easy to manage:** Eliminates the overhead and costs inherent in traditional security solutions such as PKI and PGP
- **Highly scalable:** No storage of keys or messages, and no need to contact online servers; allows the solution to scale dramatically without the need for additional infrastructure
- **Easy-to-use:** No need for end users to worry about keys or certificates

Pricing and Availability

FrontBridge Secure Email is immediately available for subscription. Special promotional pricing is currently being offered to early subscribers. For more information, please contact sales@frontbridge.com, call 877.301.8232, or visit www.frontbridge.com.

About FrontBridge Technologies

FrontBridge is a global provider of comprehensive secure messaging services. Its Total Message Management services ensure the security, compliance and continuity of all electronic messages, with fully-managed services for email and IM archiving, spam filtering, virus scanning, encrypted email, policy enforcement and disaster recovery. Services are powered globally by the only load-balanced, fully-redundant data center network to demonstrate 100 percent historical uptime, on top of 99.999 percent service level guarantees. FrontBridge is based in Los Angeles, Calif. with offices in London, Paris, and Winnipeg. Its managed services are trusted and relied upon by more than 3,700 businesses across the globe and are available through the managed service industry's largest distribution partner network, including IBM, NEC, Sprint, VeriSign, Siemens Business Services, Inc., TELUS and Equant. For more information, visit us on the web at www.frontbridge.com.

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