Voltage security

Data Sheet: Voltage SecureMail™ Modules

Email encryption that works just the way your business does

Voltage SecureMail Modules offer integration with your business workflow that includes employees, partner communities, and customers.

HIGHLIGHTS

- Enable trusted communication with customer and business partner communities
- Provide rapid access to secure email for eDiscovery and archiving
- Offer simple and convenient access to encrypted email via mobile devices

Voltage SecureMail uses proven encryption technologies, which provides powerful security for even the most sensitive email communications. Compared to other competing solutions, it is still the easiest to manage and use. Without disrupting business, Voltage SecureMail can help you meet and maintain regulatory compliance, besides enforcing best practice email protection. It reduces the risk of email security breaches by giving you end-to-end email encryption — including mobile devices. Voltage SecureMail will integrate smoothly with your existing infrastructure. And it can be rapidly deployed — both internally and externally — in the largest organizations as well. Besides the proven Voltage SecureMail core capabilities, a range of robust enterprise-class features is available for Voltage SecureMail, to enhance its capabilities.

Secure Blackberry Communications

Voltage SecureMail Blackberry for Microsoft Exchange allows your mobile workforce to stay in contact — anytime, anywhere — using their BlackBerry devices and without giving up secure communications. With Voltage SecureMail for BlackBerry, all secure messages sent to and received by Blackberry devices behave like standard email, without users going through any other steps. Outbound messages are automatically encrypted as they leave, and inbound messages are automatically decrypted as they enter the BlackBerry environment. Voltage outstrips its competition by integrating the Voltage SecureMail for BlackBerry with the BlackBerry Enterprise Server. This eliminates any need for additional device-level software or user training. All encryption and decryption activities are performed at the Blackberry Enterprise Server — and are completely transparent to the user.

Voltage SecureMail for BlackBerry

Voltage SecureMail for BlackBerry is a small footprint device app that allows external, ad-hoc recipients use their phones to securely read, reply to, and forward the encrypted messages they receive. Messages are always stored encrypted on the user's BlackBerry phone. The user interface is designed so recipients can access the secure messages they receive—quickly and easily. Voltage SecureMail for BlackBerry is compliant with Research In Motion's BlackBerry Smartphones UI Guidelines.

Voltage SecureMail Journaling Plug-In

With Voltage SecureMail, companies can now decrypt secure messages embedded in an Exchange Server Journaling Envelope and forward them unencrypted to an archiving system for storage. This new capability allows companies to speed up production of secure messages for eDiscovery and investigations. The plug-in also supports Subject Tagging for Journaled Messages. In the gateway configuration file, administrators can specify a tag that that the journaling plug-in should prepend to the top-level subject. By looking at its subject line, eDiscovery technicians and auditors can easily determine whether a message was encrypted.

Simplify Your eDiscovery Process

The **Voltage SecureMail eDiscovery Compliance Tool** offers supervisory access. It allows policy-controlled decryption of all secure emails in a user's mailbox — helping with easy indexing and full text searches. During the eDiscovery process, other vendors' products will miss all encrypted email stored locally on a user's system or in an email inbox. This places a huge burden on the IT staff to maintain compliance with regulatory agencies. The Voltage eDiscovery Compliance Tool solves this problem by making every secure email visible to an authorized supervisor during eDiscovery processes. With the eDiscovery Compliance Tool, Voltage SecureMail allows administrators to implement important workflows seamlessly throughout the organization, while upholding the highest levels of security.

Easily Index and Search Messages in the Symantec Enterprise Vault

The **Voltage SecureMail Archive Connector** automatically decrypts all secure emails when they are archived to the Symantec Enterprise Vault, allowing easy indexing and full text searches of the archive. Other vendors' products need archive integration, plus they require the creation and management of additional keys for any type of review. This adds unneeded complexity to the process and can keep archives from being useful. But with the Symantec-certified archive connector, Voltage SecureMail lets important workflows continue, with no additional administrative burden. Essential eDiscovery processes like collection, processing, review, and analysis can be conducted on decrypted messages, while keeping the highest-level security.

Deliver Secure Messages of Any Size

Today, one of the big issues facing businesses is the need to exchange large files and collaborative information quickly and simply. Email message-size policies are often out of line with business needs. The **Voltage Large Attachment Delivery Module** allows all messages with attachments of any size to be sent and received like standard email. The sender and the recipient don't need to take any special steps. The only visible difference is that both parties can see that messages are securely delivered, end to end. Voltage Large Attachment Delivery Module facilitates business while preventing users from accessing unsecure web-based file exchanges for critical data interchange.

Voltage SecureMail HSM Module

Voltage SecureMail now supports the use of a **Hardware Security Module (HSM).** In this configuration, the Identity-Based Encryption™ (IBE) Master Secret and the user keys are generated and stored on the HSM where they remain secure at all times. District information for existing districts and newly created districts can also be stored on the HSM. The Voltage SecureMail HSM Module enables businesses to comply with legal, regulatory, or policy requirements for secure, hardware-based key generation and protection. Voltage SecureMail supports Thales nCipher netHSM.

Rapidly Deploy Powerful, Policy-Based Email Encryption

The **Voltage SecureMail Connected Gateway** is a managed secure email solution offering powerful policy-based email encryption – with authentication, key management and decryption supplied via the Voltage SecureMail Cloud, the enterprise class security SaaS solution. The Voltage SecureMail Connected Gateway allows any member of a trusted business partner network to communicate securely with all organizations in the network through a single account and sign-on. Most secure email solutions require the purchase, installation, and continuous administration of an array of hardware and software. However, the Voltage SecureMail Connected Gateway offers you complete turnkey secure email functionality without any infrastructure or administrative overhead. All end-user technical support is included—this way IT can concentrate on running your business, instead of supporting more infrastructure and services—and that's a welcome change.

Easily Encrypt Files and Documents of Any Type

The **Voltage SecureFile Encryption Client** allows users to encrypt any file to any user or group of users just by selecting "Encrypt" from a drop-down menu. The file always remains encrypted, regardless of where it resides. It can be securely shared with others via email, a USB drive, or any other portable media. And recipients with proper credentials can decrypt the file just as easily, using the freely available Voltage Security Reader. With SecureFile Encryption Client, users can encrypt files as easily as they encrypt email, then share those secure files with others. They can have complete confidence the files will remain secure, wherever they reside.

Protect Against Phishing Attacks

With **Voltage Anti-Phishing Module**, recipients can instantly recognize the sending organization as a trusted source when any secure email is sent. Phishing attacks are increasingly more elaborate and credible. This sophistication makes it nearly impossible for recipients to distinguish phishing attacks from legitimate communications such as their bank, doctor, or other trusted sources. A specific image is included with each secure email sent, so your recipients can open the message with confidence, knowing the sender can be trusted. Since fraudulent senders can't gain access to the image, it only appears with legitimate and secure emails. With its anti-phishing module, Voltage SecureMail can help to create and maintain high levels of trust with customers, while dramatically improving the deliverability and acceptance of secure emails.

Deliver Secure Statements Directly to the User's Inbox

The **Voltage SecureMail Statement Generator Service** allows you to deliver automatically generated invoices, account information, and other electronic statements directly to each customer's inbox as a secure private email. Traditional paper-based statements cost time and money to produce, and are sent through the mail or by courier, along with highly sensitive information—and almost no security protection. With the Voltage SecureMail Statement Generator Service, statements are encrypted and sent automatically, and received like standard email, except they are secure messages, sent right to recipient's inbox. This saves time and money, and allows a private 1:1 communication with recipients along with a safe, secure delivery method. As a private message, this also offers you a new opportunity to explore secure email and statements as a channel for up-selling and cross-selling products and services to the recipient without compromising privacy regulations. The secure message arrives in the user's inbox, and can be decrypted and viewed with any browser, quickly and easily. The Voltage SecureMail Statement Generator Service will let you reap the cost and efficiency benefits of sending statements electronically, while you maintain the highest levels of security.

With Voltage SecureMail Modules, you can —

- Decrypt all secure emails on a user's system, to facilitate easy indexing and full text searches.
- Automatically decrypt all secure emails when they are archived to the Symantec Enterprise Vault, for easy indexing and full text searches of the archive.
- Deliver messages of any size, regardless of size limitation policies.
- Extend policy-based encrypted communication through your business network, without the need for multiple accounts.
- Encrypt any file with two mouse clicks, and securely share those files with others — inside and outside the organization.
- Allow your mobile workforce to send and receive secure email through their Blackberry devices — no special steps required.
- Securely deliver automatically generated invoices, account information, and other electronic statements directly to each customer's inbox.
- Distinguish your secure emails from spam and phishing — building recipient trust and dramatically improving deliverability of your communications.

Voltage SecureMail Competitive Advantages:

- **Universal message format ensures highest delivery success rate and fewest help desk calls**
- **Data-centric encryption ensures end to end protection of sensitive information**
- **On-demand key generation minimizes infrastructure and operational costs and business risk**
- **Broadest coverage of use cases and client endpoints provides the simplest user experience**
- **Mobile solution offers a uniform design across devices, data-level policies, and native experience**
- **Simplified integration with archiving, discovery, and data leak prevention (DLP)**
- **Web Services API that enables rapid integration and data-centric protection for application email**
- **Flexibility to easily migrate from cloud to on-premises and back as needed by the customer**
- **Support for global deployments at multi-national enterprises with complex mail infrastructure**
- **Platform and client independent**
- **Supports community-based single sign-on for secure communications**

License Voltage SecureMail Add-On Modules

Please contact Voltage Sales or your Sales Representative if you would like to license any of the Voltage SecureMail Modules described in this data sheet.

About Voltage Security

Voltage Security®, Inc., is the world leader in providing data-centric encryption and key management solutions for combating new and emerging security threats. Voltage customers represent a wide variety of industries including payments, financial, insurance, medical, e-commerce. Offerings include Voltage SecureMail™, Voltage SecureData™, Voltage SecureData Payments™, Voltage SecureData Web™, Voltage SecureFile™ and Voltage Cloud Services™. The company has been issued several patents based upon breakthrough research in mathematics and cryptographic systems. To learn more about Voltage customers please visit voltage.com/customers.

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