



## DATA SHEET



### KEY BENEFITS

#### *Maximizes Returns*

Leverages an enterprise's existing email system to move high-value operations online—without requiring additional investments in hardware or software.

#### *Reduces Costs*

Leverages the Internet to help an enterprise reduce the paper-based, delivery, tracking, and administrative costs associated with traditional communication methods.

#### *Empowers Business through Email*

Ensures that messages stay private and allows reliable identity verification for both email senders and recipients.

#### *Streamlines Business Communications and Workflow*

Speed of electronic messaging provides real-time communication in the workplace, maximizing employee efficiencies. VeriSign Managed PKI and email-integration services reduce time and costs associated with implementing internal solutions.

## VeriSign® Trusted Messaging Solution

To compete successfully in today's market, an enterprise must be able to rapidly exchange mission-critical business information with employees all over the world. Without a secure messaging system that protects intellectual capital, transactions, and communications, an enterprise cannot leverage the full value and potential of email. When properly secured, email can be used to instantaneously deliver confidential messages and documents, enabling an enterprise not only to collaborate more efficiently and cost effectively but also to streamline business processes and execute strategic decisions more quickly.

VeriSign® Trusted Messaging provides end-to-end security for high-value email by enabling employees to easily encrypt and digitally sign messages. Using VeriSign Trusted Messaging to secure sensitive information, an enterprise can expand its reach, deepen collaboration, streamline business processes, reduce paper-related and operational costs, and maximize the return on its existing email technology—without investing in additional software or hardware.

### + End-to-End Security

VeriSign Trusted Messaging helps protect online correspondence and documents by leveraging the proven public key infrastructure (PKI) technology of VeriSign, and Secure Sockets Layer (SSL) and Secure Multipurpose Internet Mail Extensions (S/MIME) standards to provide true end-to-end email security. Once the enterprise has approved a user, VeriSign issues a digital ID, also known as a digital certificate, to the user. The digital ID is used to verify the identity of the holder of an email address, encrypt and decrypt messages and attachments, and create and verify digital signatures. VeriSign Trusted Messaging allows only the intended recipient of a message to decrypt and read it. In addition, because the message is not decrypted until it reaches the recipient's computer, the message is never exposed to another party, including VeriSign.

### + Easy to Use

Because VeriSign Trusted Messaging is as convenient and easy to use as conventional email messaging, it provides a high level of security and promotes rapid adoption across the enterprise. Users simply click a button within their email program to encrypt or digitally sign messages. If a compromised email is sent, a fail-safe resource alerts the receiver. There are no additional software programs to install or open.



Where it all comes together.™



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### + Outsourced Service

VeriSign Trusted Messaging is built on the VeriSign Managed PKI service. By outsourcing VeriSign Managed PKI and email-integration services to VeriSign, an enterprise not only speeds deployment but also alleviates the burden of building and maintaining an internal PKI. VeriSign handles the PKI management while allowing the enterprise to retain complete control over the entire certificate lifecycle, including enrollment, renewal, and revocation. Centralized key generation, private-key backup, and distributed key recovery ensure maximum security and protection of private keys and allow an enterprise to easily recover encrypted messages if a system fails or a certificate holder becomes unavailable.

By using VeriSign Managed PKI, an enterprise can leverage VeriSign's infrastructure and expertise. VeriSign Managed PKI is modeled after U.S. Department of Defense standards and is regularly audited to SAS-70 and WebTrust standards. Binding service-level agreements include a high-security facility with specially trained and screened personnel, redundant systems, 24/7 customer support, disaster recovery, and full audit and archiving capabilities.

### + Rapid Deployment

VeriSign Trusted Messaging integrates quickly and easily with most popular email packages without requiring infrastructure changes or proprietary client software. VeriSign's consulting service provides internal assessment, installation, and support, enabling an enterprise to accelerate the deployment process and maximize the return on technology investments. VeriSign's outsourced service stores certificates in existing application databases and directories so an enterprise does not have to invest in creating and managing a new or separate directory structure. The service is highly scalable, capable of issuing thousands of certificates per day. Digital signing, access control, and encryption capabilities are seamlessly integrated into email applications such as Microsoft® Exchange and IBM® Lotus Notes®, providing an enterprise with secure email within weeks.

### + Supported Systems

Microsoft® Outlook® 98, 2000, and XP; IBM® Lotus Notes® R5; Netscape® Messenger; Microsoft® Active Directory®; Microsoft® Exchange Server; IBM Lotus Domino® Directory; any LDAP-compliant directory; and any S/MIME-compliant email client.

### + For More Information

For more information about VeriSign Managed PKI, please call 650-426-5310, or visit [www.verisign.com/products/pki](http://www.verisign.com/products/pki).

**Visit us at [www.Verisign.com](http://www.Verisign.com) for more information.**