



## 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 e-mail. When properly secured, e-mail 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 e-mail 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 e-mail technology—without investing in additional software or hardware.

### End-to-End Security

VeriSign Trusted Messaging helps protect online correspondence and documents by leveraging VeriSign's proven public key infrastructure (PKI) technology, and Secure Sockets Layer (SSL) and Secure Multipurpose Internet Mail Extensions (S/MIME) standards to provide true end-to-end e-mail security. Once a user has been approved by the enterprise, 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 e-mail address, encrypt and decrypt messages and attachments, and create and verify digital signatures. 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 e-mail messaging, it provides a high level of security and promotes rapid adoption across the enterprise. Users simply click a button within their e-mail program to encrypt or digitally sign messages. If a compromised e-mail is sent, a fail-safe resource alerts the receiver. There are no additional software programs to install or open.

### Key Benefits

*Maximizes returns.* Leverages an enterprise's existing e-mail 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 e-mail.* Ensures that messages stay private and allows reliable identity verification for both e-mail 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 e-mail integration services reduce time and costs associated with implementing in-house solutions.

### **Outsourced Service**

VeriSign Trusted Messaging is built on VeriSign's Managed PKI service. By outsourcing Managed PKI and e-mail integration services to VeriSign, an enterprise not only speeds deployment but also alleviates the burden of building and maintaining an in-house 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's Managed PKI, an enterprise can leverage VeriSign's infrastructure and expertise. VeriSign Managed PKI is modeled after Department of Defense (DOD) 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, 24x7 customer support, disaster recovery, and full audit and archiving capabilities.

### **Rapid Deployment**

VeriSign Trusted Messaging integrates quickly and easily with most popular e-mail 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 e-mail applications such as Microsoft Exchange and Lotus Notes providing an enterprise with secure e-mail within weeks.

### **Supported Systems**

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

### **For More Information**

To learn more about VeriSign Trusted Messaging Solution, please call (650) 426-5115 or send an e-mail to [verisales@verisign.com](mailto:verisales@verisign.com), or visit <http://www.verisign.com>.

### **About VeriSign**

VeriSign, Inc. (Nasdaq:VRSN) is the leading provider of digital trust services that enable businesses and consumers to engage in commerce and communications with confidence. VeriSign's digital trust services create a trusted environment through three core offerings—name services, authentication services, and payment services—powered

