

RSA® e-Sign

Helping enable business transactions
through secure end-to-end electronic processes



Designed to:

- Enable trusted and secure end-to-end electronic processes
- Provide improved efficiencies
- Help support compliance with a variety of e-signature laws and regulations
- Protect sensitive data with encryption
- Leverage existing PKI investments
- Support digital certificates issued by leading certification authority vendors

The promise of the Internet as an electronic medium for conducting high-value business transactions traditionally performed in person has yet to be fully realized. While it is true that parties can communicate, exchange information and negotiate securely, the process typically moves to a paper-based environment at a critical juncture: the point at which a signature is required.

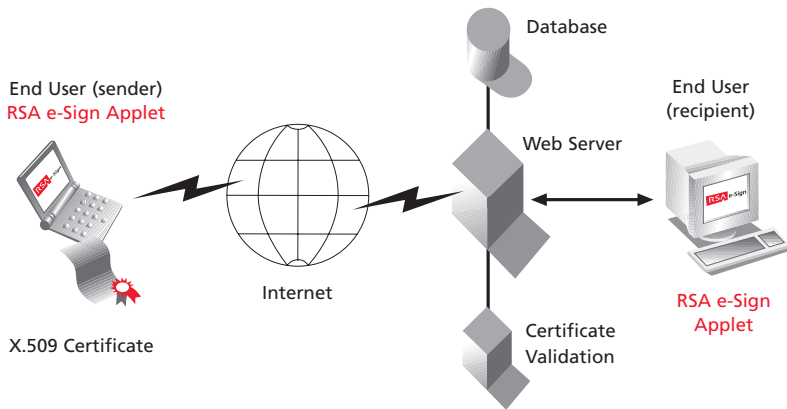
Each time a user has to print a form, sign it and send it to the intended recipient, the electronic process is interrupted, causing delays in business and severely limiting an organization's ability to take full advantage of e-business efficiencies. RSA® e-Sign technology is a digital signature solution that closes the electronic transaction loop, enabling organizations to gain speed and efficiencies in their business processes.

Digital Signatures Help Extend e-Business

Designed for ease-of-use, RSA e-Sign provides a simple downloadable Applet that enables users to digitally sign Web-based forms within their Web browser. With the ability to encrypt and digitally sign Web-based forms, organizations can now replace paper-based forms and extend their e-business services to include activities requiring signatures while maintaining the authenticity, integrity, and privacy of the data being exchanged.

Efficient Processes Lead to Competitive Advantages

e-Business represents significant opportunities for organizations to realize new ways to generate revenues as well as to create efficiencies in the way business is conducted. RSA e-Sign digital signatures help enable organizations to operate at the speed of e-business by capturing binding signatures within end-to-end electronic processes. With RSA e-Sign technology, signatories affix binding digital signatures to electronic documents anytime, anywhere — helping business processes become streamlined and important transactions to be closed faster. This helps make organizations more efficient and responsive — significantly reducing the cost of doing business. RSA e-Sign digital signatures help boost productivity, ROI and other key measures that directly improve an organization's bottom line.



Platforms

Client

Microsoft® Windows®
98, 2nd Edition

Windows NT 4.0
Workstation SP6a

Windows 2000 Professional SP2

Windows XP
Professional Edition

Browsers

Microsoft Internet Explorer
5.01, 5.5, & 6.0

Netscape® 4.7x & 6.x

Tested Web Servers

Microsoft IIS 5.0
on Windows 2000 Server SP2

iPlanet 6.0 on Sun Solaris® 8

How RSA e-Sign Works

RSA e-Sign technology can be easily customized to fit within an organization's business processes; it is installed on a server and available to users as a downloadable Web browser applet that can be accessed from any workstation connected to the Internet.

- The user enters information onto the form in the same manner as they would with any standard Web form and clicks on the submit button.
- The RSA e-Sign applet automatically activates and displays the form to the user in a non-modifiable HTML format within the same browser window.
- Once the user has successfully authenticated to access his or her digital certificate, he or she digitally signs the form by clicking on the sign button. This completes the signing process. The form and signature are then securely sent back to the Web server.
- Optionally, the user can select to have the form data encrypted before it is signed to protect it in transport and storage.

Depending upon the organization's implementation choice, RSA e-Sign software can instantly initiate signature verification and certificate validation when the form and signature reaches the Web server as well as when the recipient accesses the form through the RSA e-Sign client. These valuable features help enable the recipient to determine if the form was altered since the signature was applied and if the digital certificate used to create the digital signature was valid at the time it was affixed.

Electronic Signature Legislation and Regulations

RSA e-Sign digital signatures are an integral component of a total solution to help organizations address the legislative or industry requirements governing the use of electronic signatures, such as E-SIGN, HIPAA or 21 CFR Part 11, as well as the European Directive on e-signatures. Despite requirements that differ from one regulation to the next, digital signatures, a specific form of electronic signatures, are commonly recognized as one of the best forms of electronic signature.

There are four key properties of written signatures: authentication of the signer's identity, acceptance of the terms stated in the signed document, proof of the integrity of the document's contents, and non-repudiation (in other words, the signer cannot deny he or she has signed). Digital signatures are electronic signatures that address all these properties.

Since RSA e-Sign software is an electronic signature solution based on globally recognized digital signature technology, it will help ensure that organizations have implemented a global solution for electronic signing.

Authorized Reseller:

