Symantec™ SSL Certificates with the DSA Algorithm

Overview

The online environment is constantly changing, as hackers develop ever more sophisticated methods to break through security protections and inflict damage on businesses and their customers. Keeping up with the threats and continuing to provide a secure and trustworthy experience for your customers is vital.

As a leader in SSL security, Symantec is always working on new solutions that help your business to anticipate and meet increasing security demands, and provide a safe environment for your customers. Now we've introduced a new way for you to stay ahead of the threats. Symantec SSL certificates with DSA are an easy way for your business to add to and enhance your current SSL protection and address the impending move to 2048-bit encryption.

DSA

DSA (Digital Signature Algorithm) is a U.S. government-approved and certified encryption algorithm that was developed by the National Security Agency in 1991 as an alternative to the current standard RSA algorithm. It offers the same level of security and performance as RSA, but uses a different mathematical algorithm for signing and encryption. A DSA key pair will be the same size as the equivalent RSA key.

Key Benefits

- **Keep up with evolving government requirements —** The DSA algorithm has been embraced by federal agencies. As a result, installing a certificate that supports DSA encryption makes it easier to meet the requirements of government contracts and standards, including the impending move to 2048-bit encryption.

- **Enhanced Security —** The DSA algorithm provides the same level of security and performance as the RSA algorithm but uses a different, less commonly used mathematical algorithm. We include both RSA and DSA options in our SSL certificates at no additional cost.

- **Flexibility —** You can choose to run just RSA, just DSA, or both to enhance your website security. Running multiple algorithms together helps protect your data with a broader array of encryption options. For example, some webservers can support both RSA and DSA certificates in tandem on a single webserver. The result: You maximize your ecosystem reach to everyone your company does business with.

Compatibility

We know that keeping up with security requirements, compliance, and threats can be difficult, and that's why Symantec creates solutions that will make protecting your business easier. DSA is already compatible with most servers, and is able to

work alone or in tandem with an RSA certificate. You can even use RSA on certain sites or networks and DSA on others, depending on your needs.

Why Symantec?

Our certificates include certificate management, vulnerability assessment, malware scanning, and 24/7 support. You also get the Norton Secured Seal and Symantec Seal-in-Search to assure customers that they are safe when they search, browse, or buy on your websites.

Rest easy knowing your website is protected by the #1 choice for SSL security. Symantec SSL Certificates secure more than one million web servers worldwide— more than any other Certificate Authority. In fact, 97 of the world's 100 largest SSL-using banks and 81% of the 500 biggest e-commerce sites in North America use SSL Certificates from Symantec.

How to Get It

Symantec Secure Site certificates now include two algorithm options for one price: an RSA algorithm certificate and a DSA algorithm certificate. Visit the Symantec Secure Site pages to sign up for a certificate or renew your current subscription.

More Information

Visit our website
www.symantec.co.uk/ssl

To speak with a Product Specialist
For more information about Symantec SSL Certificates, please call:
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About Symantec
Symantec is a global leader in providing security, storage, and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored.

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