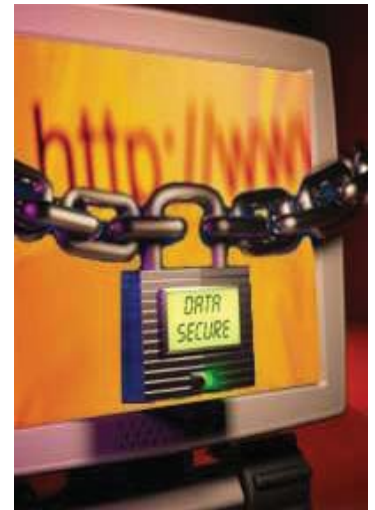


SecureAge

SA NetGuard

With the advent of Internet, going on-line has become the most flexible and cost effective way of doing business anytime and anywhere. Internet may be a powerful business tool for those organizations with Electronic Commerce (Ecommerce) initiatives. But all communications on the Internet are exposed to possible risks like tampering, interception and eavesdropping. Issues on Access Control, Confidentiality, Authentication, Authorization and Integrity are at stake. It therefore becomes important for all e-businesses and enterprises to provide full strength security to protect communications and transactions over Internet, Intranet or Extranet.

The security concern is especially pertinent to those organizations whose client server communication are of inadequate or low (64-bit) or no security strength. Unprotected communication can be easily intercepted and it may not be safe to transmit confidential information or sensitive corporate assets over the Internet. In order to reap the most out of Ecommerce, you need to gain the trust and confidence of your customers to conduct online business transactions with you. This can be materialized with our reliable network security solution, SA NetGuard. It fully secures all your application and web traffic from potential intruders or cyber criminals.



Product Description

SA NetGuard enables 168-bit or stronger SSL (Secure Sockets Layer) and TLS (Transport Layer Security) to safeguard your existing clients and servers that come with no or low level of security strength. It consists of two major components, namely, SA NetGuard Client and SA NetGuard Server. SA NetGuard Client is usually located on the user's system with the client software. It protects the information and transactions transmitted over the Internet with full-strength SSL/TLS security. It could also be downloaded automatically as a Java applet for web based deployment.

A NetGuard Server runs outside a company's firewall acting as a secure reverse proxy to the application server. Like the SA NetGuard Client, it protects all incoming requests and outgoing traffic with full-strength SSL/TLS security. This is an ideal option for those companies who do not have a fully secured server. Besides securing HTTP (Hypertext Transfer Protocol) and further strengthening HTTPS traffics, SA NetGuard also secures other protocols like FTP (File Transfer Protocol), telnet (Network Virtual Terminal Protocol), IMAP (Internet Message Access Protocol), SMTP (Simple Mail Transfer Protocol), and POP3 (Post Office Protocol Version 3). SA NetGuard is developed using the latest Java technology. Thus, it supports almost all platforms and can be easily incorporated to any existing or proprietary applications. Organizations like you can also have the option of adding an external module like Smart Card to your existing client via SA NetGuard or SSL accelerator card to your server via SA NetGuard server. You can use this Smart Card to store the digital certificate and key pairs. This protects you from any unauthorized users from accessing or copying your private keys.

Banks And Financial Institutions

Nowadays, banks and financial institutions are providing Internet banking services to their customers for convenient and easy access. It is therefore important to give their customers complete assurance that online transactions like paying bills, trading stocks or account management can be securely conducted over the Internet.

Government

Government body like Income Tax allows income earners to file their extremely sensitive and confidential income tax details online. This makes it all the more critical to have full strength SSL protection over the web. Similarly, it is also crucial for military to ensure that only authorized personnel can access highly confidential military related information over the web.



Key Features

- Enables secure communication over the Internet.
- Full strength security using 1024-bit public key and 168-bit or stronger encryption algorithms.
- Developed in the latest Java technology.
- Flexible multi-platform support.
- Protects protocols like HTTP, FTP, telnet, IMAP, SMTP and POP3.
- Smart card support for certificate and key storage.
- Supports X.509 certificates.

When it comes to securing your network based client-server applications, SA NetGuard is the right choice. It is a powerful network security solution that enables full strength SSL/TLS communication to protect your key applications, resources and web sites. You can now safely enjoy the full power of Internet without worrying about your privacy and valuable assets being compromised. We have designed SA NetGuard to provide exactly the right security level for your web-based applications and transactions. SA NetGuard can indeed materialize your Ecommerce initiatives by making the Internet a safer place to communicate and transact.