## "But I Already Have SSC..." – Why You Still Need A Firewall

If you are already using Site Security Certificate (SSC) technology to protect a small portion of your incoming data, there's something you should know. SSC does encrypt incoming client banking data and thus does protect your customers' confidential information as it enters your site, and provides a brand name guard for your reputation. However, SSC encryption is usually only done to the **128-bit** level. Also, it only protects the thin stream of incoming customer data. As the graphic below shows, with SSC alone your server and entire network are wide open.

In order to protect your entire network—in essence to build a fortress wall around it—the NetSentron puts up a high-security **256-bit** encryption firewall that is ***over one million times more secure*** than the SSC encryption. This provides top-level protection for your network, for **all** data going in and out. The arrangement now appears like this:
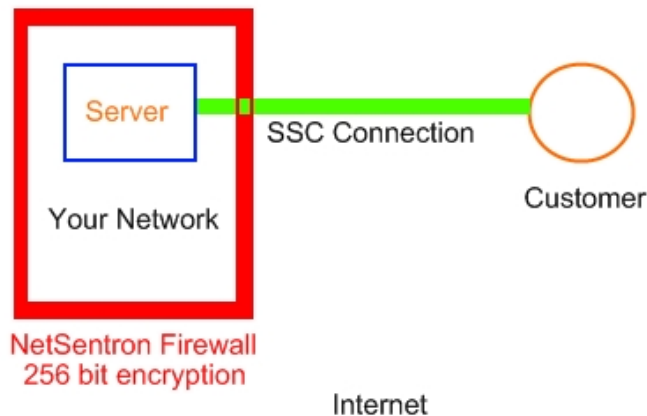
The NetSentron will be configured to allow SSC packets to travel through the firewall and directly to the server. Thus you can now see that SSC protects the confidential data your customers transmit into your network, while **NetSentron protects your entire network.** The two are complimentary and *a network firewall is necessary*: **SSC is NOT a substitute for a network firewall.**