

## Secure Sockets Layer Certification Checking

The Certification Checking is automatic and maintained as part of Net-Inspect's security functions. Secure Sockets Layer (SSL) Certificates also called Digital Certificates, creates a secure link between a website and a visitor's browser. It encrypts data using the strongest security methods available and guarantees that our customer's sensitive information is transmitted securely.

SSL is the standard security technology for encrypting a connection between a web server and a browser. Once established, this connection will encrypt all traffic and ensure that all data passed between the web server and browser remains private.

Certification Checking (SSL) is an industry standard and is used by millions of websites to protect their online transactions with their customers.

### Features and Benefits

The SSL Certificate provides two primary functions:

1. SSL Encryption allows data to be transmitted over computer networks in a secure manner.
2. Identity assurance (validation) allows the business running the site to 'prove' that they are who they claim to be.

Once a secure transaction is initiated the browser checks the SSL Certificate to make sure that it is valid and that the site you are connecting to is legitimate.



### SSL Certificate Checking Errors

1. 404 Error Page due to limited access to certain websites / restrictions set at the firewall.
  - a. IT department needs to allow access to validate the SSL Certificate at [www.netsolssl.com](http://www.netsolssl.com)
2. If no error message then security must be set on the computer in the browser's Internet Options.
  - a. In Security Net-Inspect must be added as a 'Trusted site'.
  - b. In Advanced settings the 'Use SSL' feature must be turned on.