VPN Program Instructions

To compile this VPN program in Windows requires several components be installed first.

Required components:

- .NET 4.5 framework
- Open SSL

The .NET framework should be installed on the machine already assuming that it has no outstanding patches. Installation of Open SSL can be installed by downloading the file at this following address: https://slproweb.com/products/Win32OpenSSL.html

Alternatively, the executable file and associated .dll file have been included in the github repository and may be run on a computer running Windows 7 or greater.

The github repository is https://github.com/sbuchana/eece412a3/tree/master/SimpleVPN.

The executable file is:
The required .dll file is:

Using the program:

1. Use the radio buttons to select whether the program will operate in client or server mode.
2. Fill in the port and IP address to the appropriate values.
3. Fill in the shared secret value.
4. Press the connect button on both the client and the server. A text box at the bottom of the program will indicate when a connection is made.
5. Type the data you wish to send into the appropriate text box.
6. Press send.