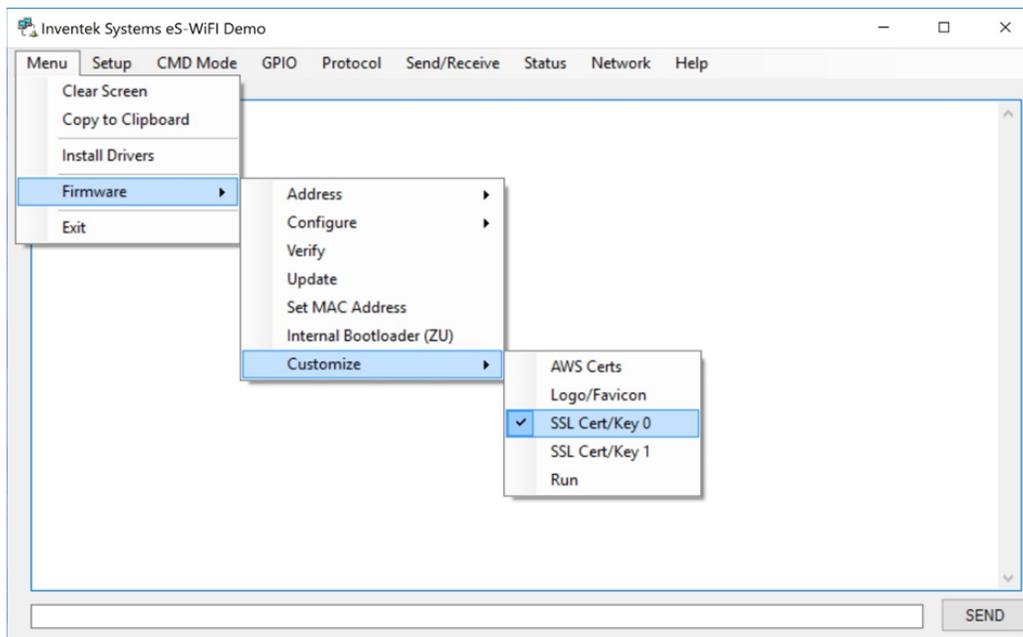**Inventek Systems**
Embedding Connectivity Everywhere

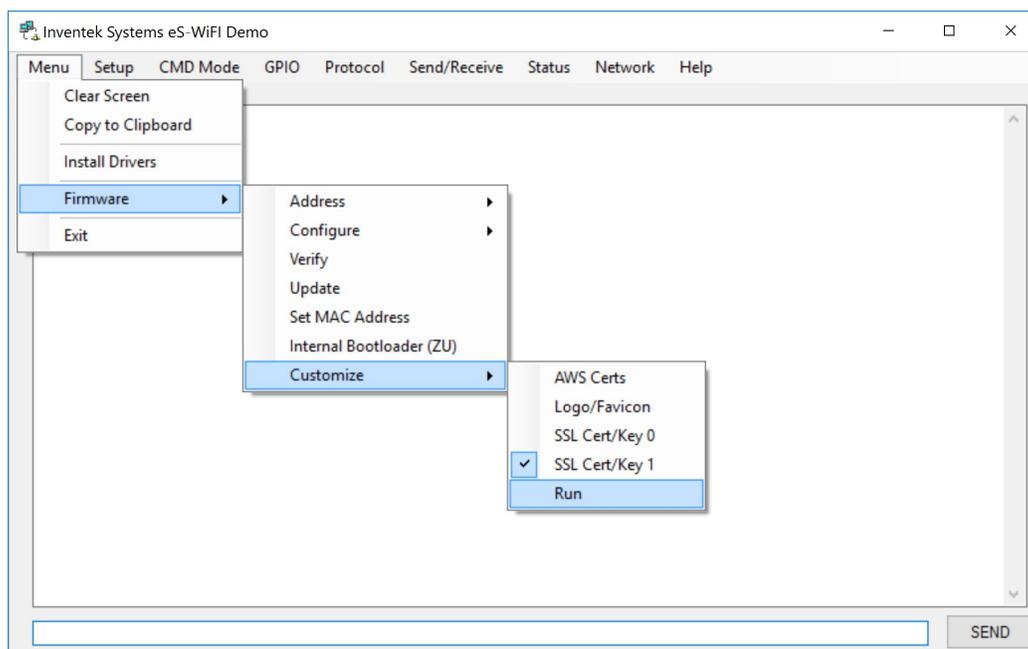# *Creating a TCP SSL/TLS eS-WiFi Firmware Image*

1. Create a folder on your PC with the following files:

- ISM43362_M3G_L44_C3.5.2.3 (Latest firmware)

- Certificate.crt (PEM format certificate)

- Private.pem.key (PEM format key)

2. Open the eS-WiFi Demo Program to create the Image.

3. Next Select Menu—>Firmware —>Customize —> Run

Go to the Folder in Step 1 and select the files in the following order:

- **Firmware**
- **Certificate**
- **Private Key**

The eS-WiFi demo program will automatically create a new firmware image that you can use to re-flash your evaluation board.

Update the EVB with the newly created firmware:

Plug your EVB into the PC USB port. (see user manual if you have not already installed the FTDI drivers)
Select Menu—> Firmware —> Update to program the new firmware Image
Point to the newly created *.bin in your firmware folder
Your module is now updated with your firmware that is setup to connect to your