Making Mozilla Firefox work with ActivClient

IMPORTANT: These instructions are written step-by-step; do not perform an action before the instructions tell you to do so.

Sometimes, the "automatic" processes to make Firefox work with ActivClient (when installing ActivClient) do not work (or are not available). But we can go into Firefox and manually add the ActivClient card reader. This is not unusual and could simply be caused by the following

- Installing Firefox after ActivClient
- When installing ActivClient and Firefox on a 64 bit (x64) operating system (because Firefox is a 32 bit application)
- When try to use ActivClient with Firefox Portable

Before you make your certificate request via Firefox you must already have performed the following procedures:

- Successfully installed the ActivClient software and re-started your computer
- Initialized (set a PIN) on your smart card or ActivKey SIM Token
- You must be logged onto your computer under your normal user profile (or Username) [Your IT support person may have had to log-on as the Administrator to install Firefox or ActivClient; but the we want the user logged on now, not the Administrator.]

Please Note: Making the certificate request via Mozilla Firefox will not prevent nor impede your use of the certificates in Microsoft Internet Explorer (or other Microsoft application). On the contrary, Firefox generally performs certificate request functions in a 'cleaner' manner than the Microsoft operating system. When the entire certificate issuance process is complete, your certificates will be available in both Firefox and Microsoft.

Connect your smart card reader and slide you card into the reader (chip up and in) or plug your ActivKey SIM token into a USB port.

1. Start Firefox. And look for the **Tools** button on the <u>Menu</u> bar.

2. If you don't see the <u>Menu</u> bar; click the **Firefox** button, then **Options**, then the select the **Menu Bar** option
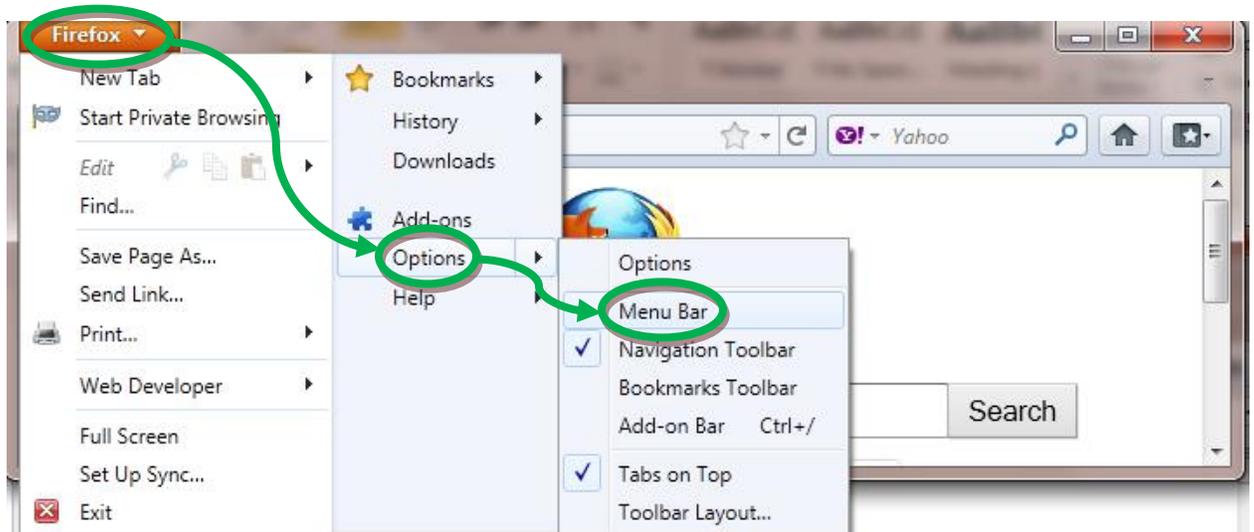
3. On the Firefox toolbar, select **Tools** then **Options...**
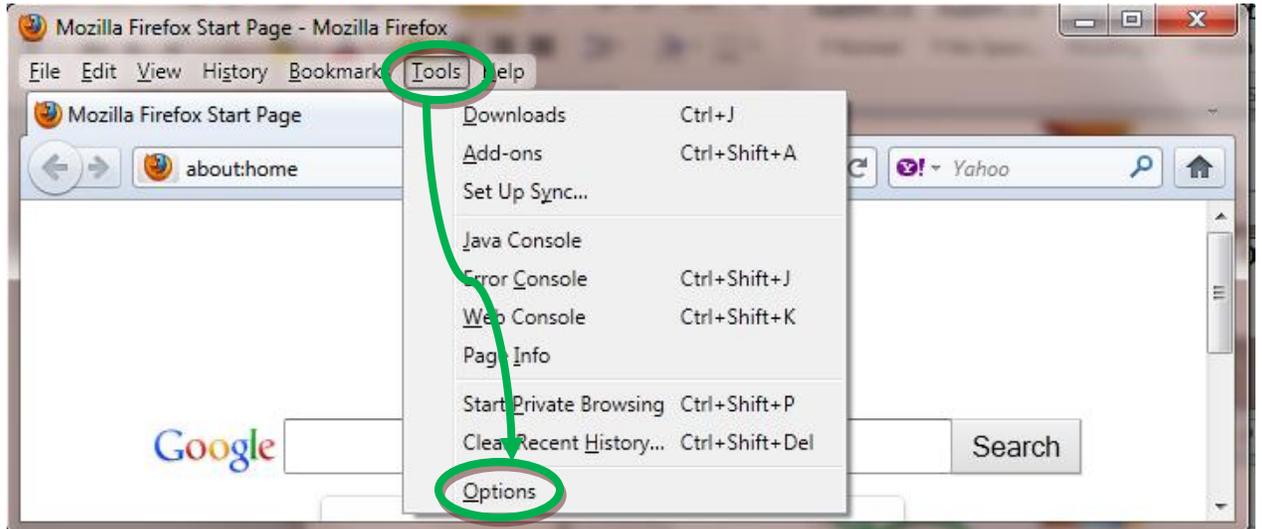
4. On the Firefox Options dialogue box, click the **Advanced** icon and then the **Encryption** tab, then click the **Security Devices** button
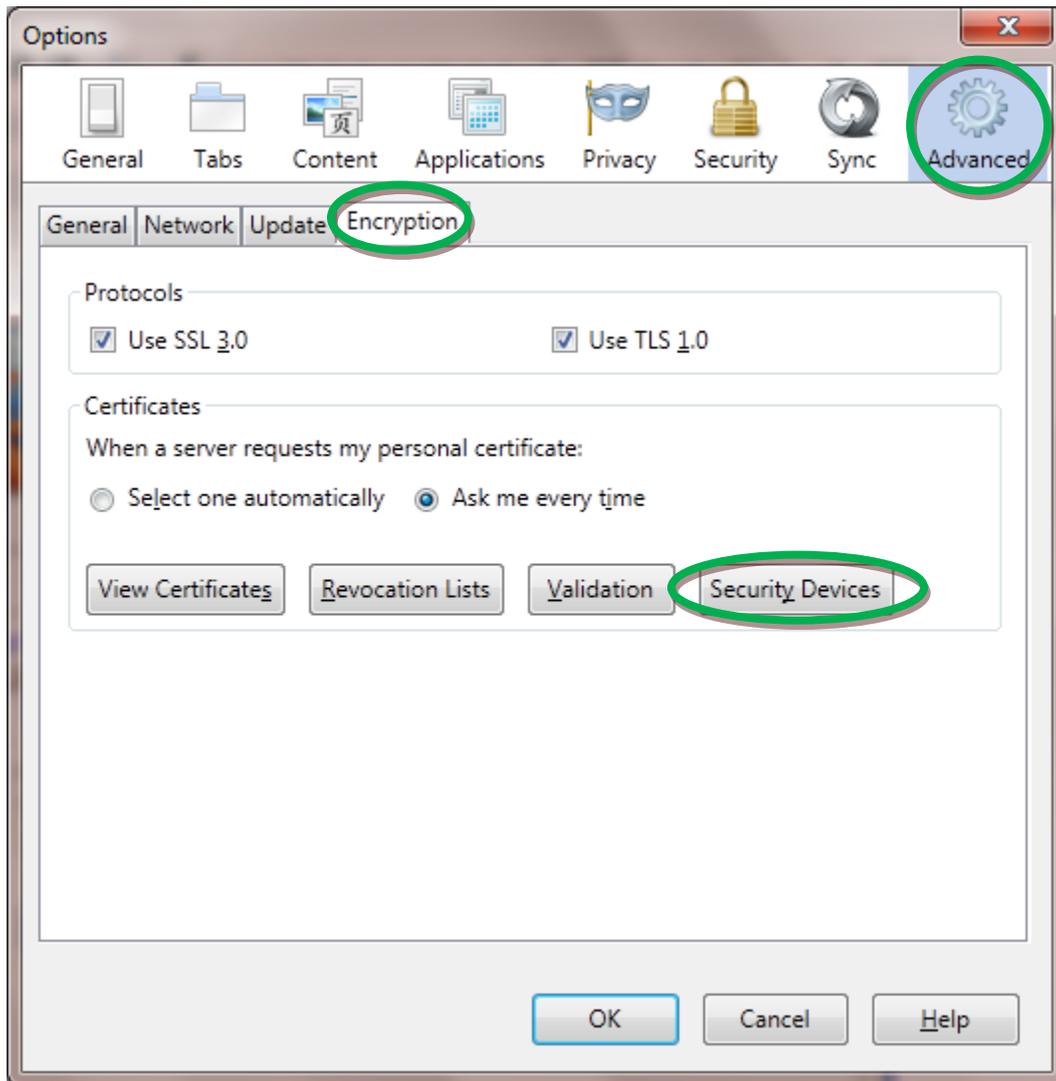
5. If you see a reference to ActivIdentity or ActivClient, then Firefox is communicating with ActivClient. You are done. There is no reason to continue with these instructions.
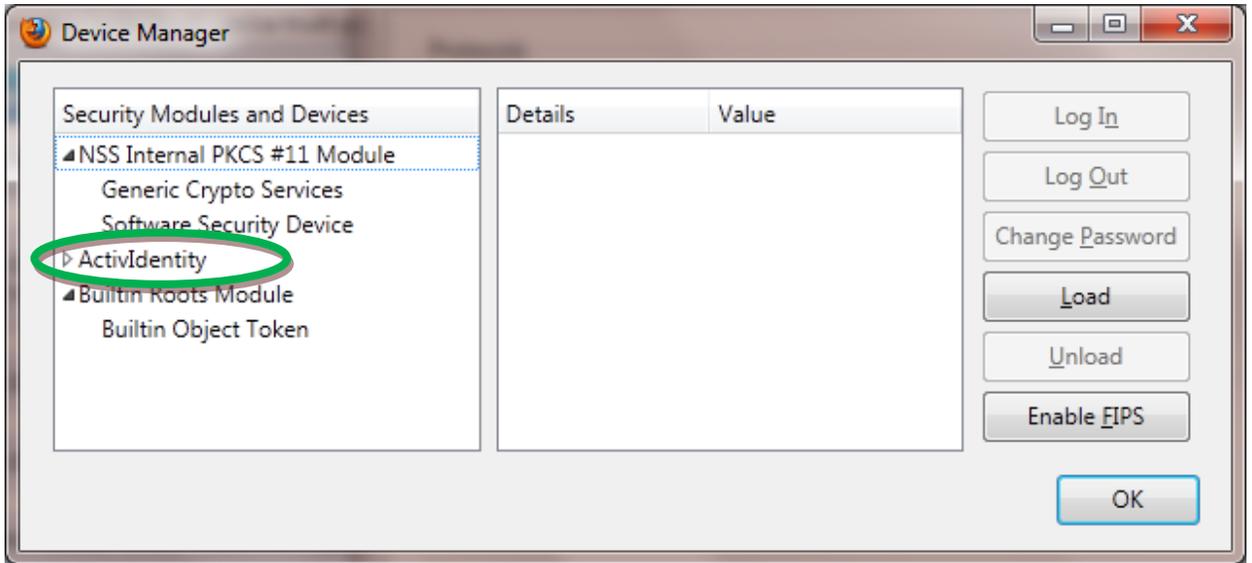
6. On the Firefox <u>Device Manager</u> click the **Load** button
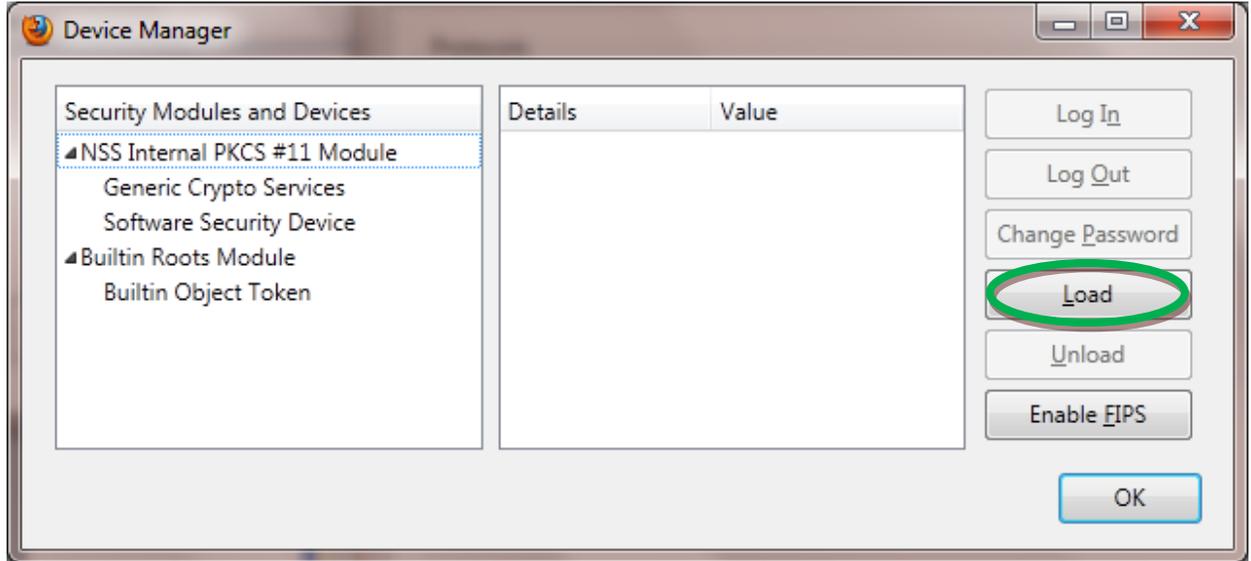
7. In the <u>Load PKCS#11 Device</u> dialog box, enter a 'module name' ("ActivIdentity" or "ActivClient" is recommended, and then click on the **Browse** button.
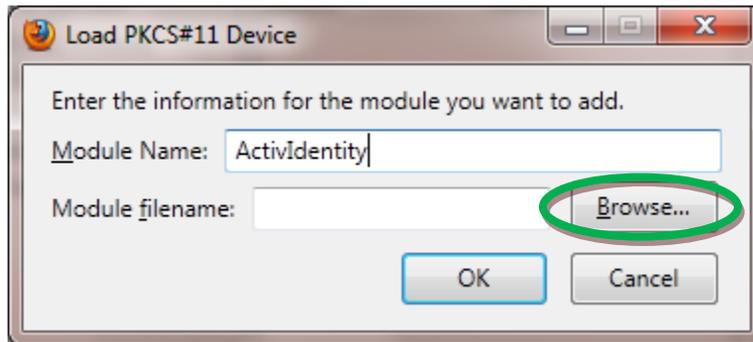
8. In the <u>Choose a PKCS #11 device to load</u> dialog box, you will need to navigate to the location of the '.dll' file. The file you are looking for is "acpkcs211.dll" The location will depend on your version of ActivClient and your Microsoft Operating system.
   a. For ActivClient 6.1 (or earlier) the location should be "C:\WINDOWS\system32"
   b. For ActivClient 6.2 on a 32 bit operating system (x86), the location should be "C:\Program Files\ActivIdentity\ActivClient"
   c. For ActivClient 6.2 on a 64 bit operating system (x64), the location should be "C:\Program Files (x86)\ActivIdentity\ActivClient"

9. When you find the file, select it and click the **Open** button
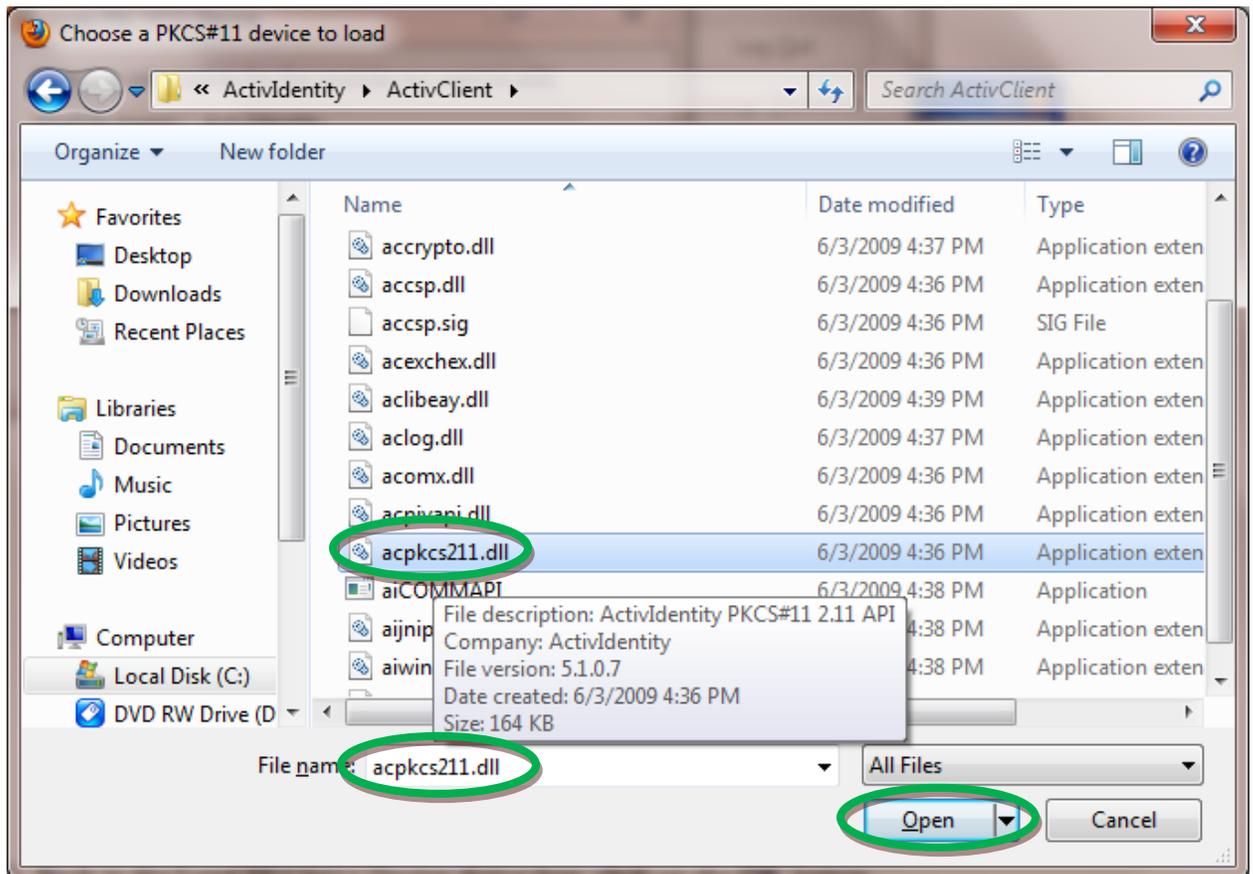
10. Back in the Load PKCS#11 Device dialog box, click on the **OK** button.
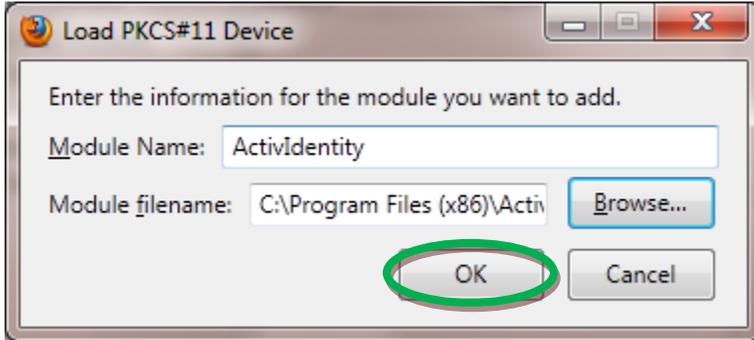
11. Back on the Firefox Device Manager, you should now see the entry that you just created. (If your card is not in the reader, please put you card in the reader now – or plug-in your ActivKey SIM token.)
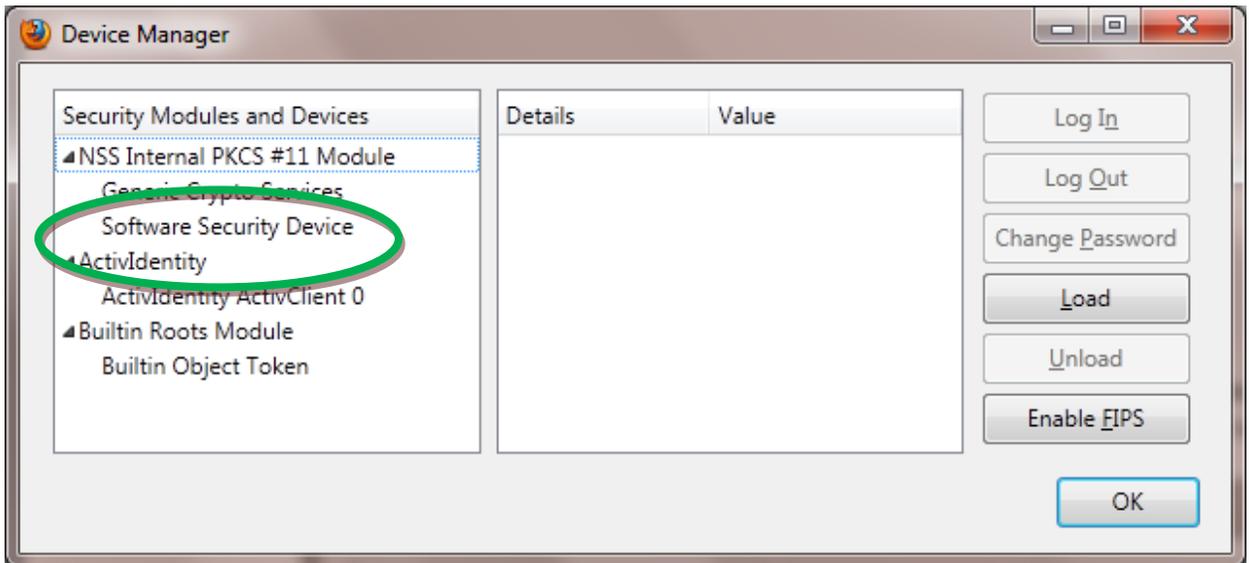
12. On the Firefox <u>Device Manager</u>; if the device says "Not Logged In", click the **Log In** button.
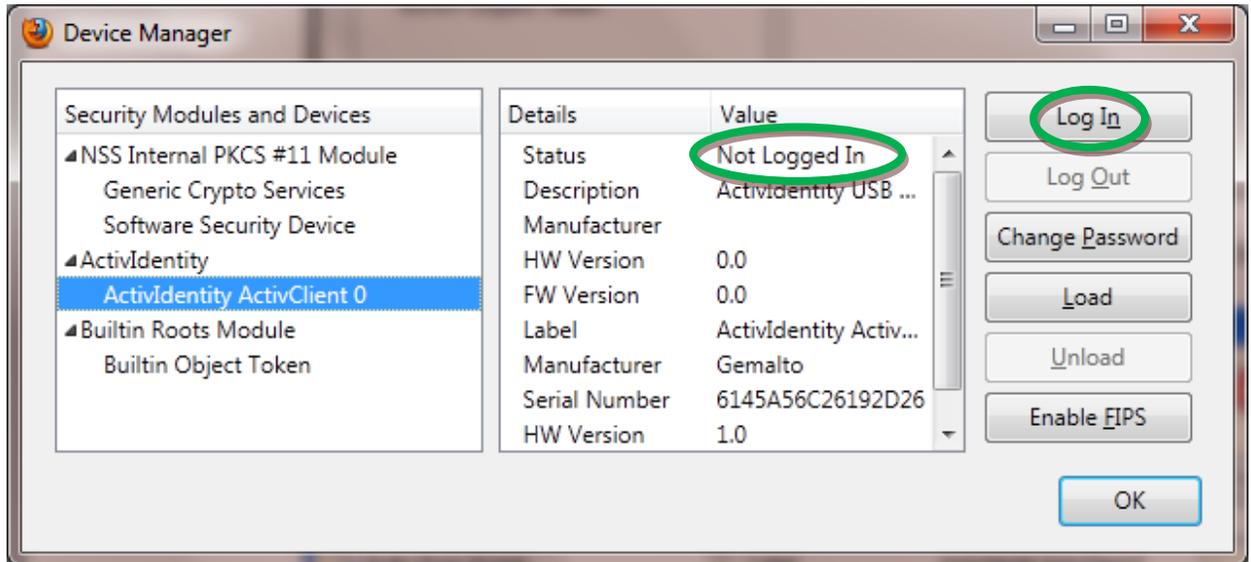
13. In the <u>Password Required</u> dialog, enter the PIN that you have assigned to the device. (Firefox will refer to the PIN as the "master password for the ActivIdentity ActivClient 0"; Firefox uses the phrase "master password" a lot.) Then click the **OK** button.

This is the PIN for the device
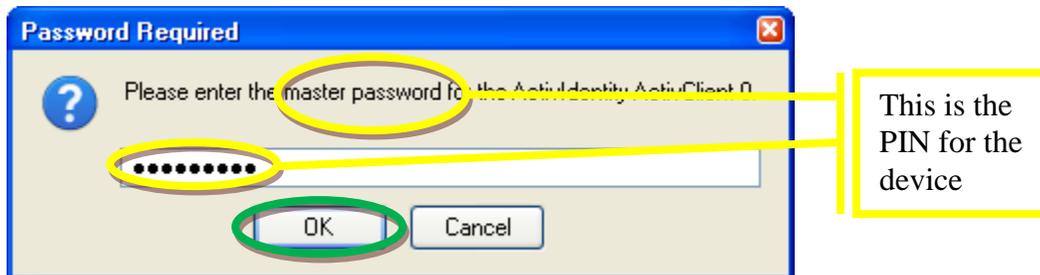
Or enter the PIN in the ActivClient dialog box
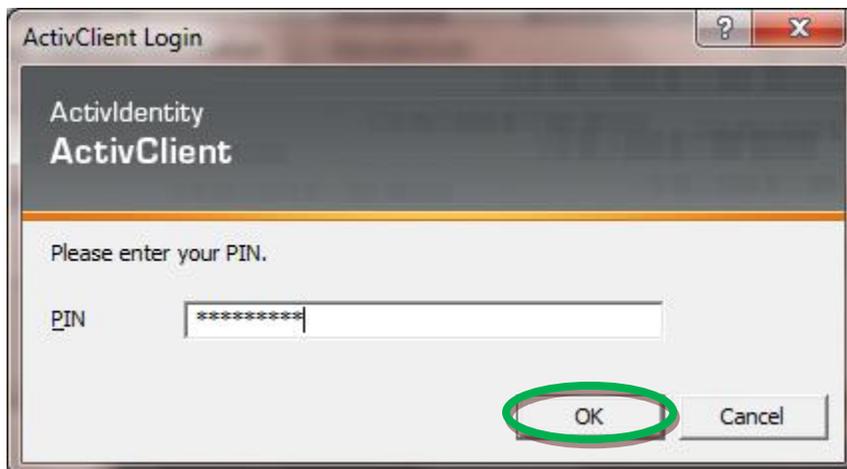
14. On the Firefox <u>Device Manager</u>; the device should now say "Logged In", Firefox is now talking to the device.