# **OpenSC Installation Guide Windows 7**

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# **Setting up OpenSC under Windows 7:**

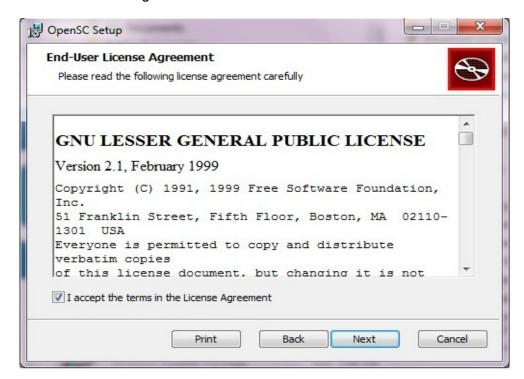
Download the installer from the following website, make sure to choose the 32 bit package for both 32-bit and 64-bit computers:

http://sourceforge.net/projects/opensc/files/OpenSC/opensc-0.12.2

Install the downloaded package:



#### Accept the End User License Agreement:



#### Select "Complete" installation:



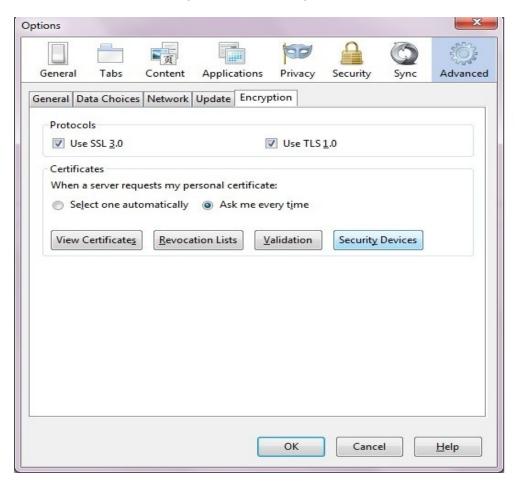


Attach the Card Reader to the computer, the drivers are configured automatically:

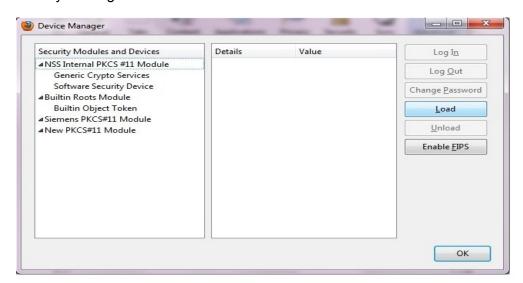


# **Firefox Setup**

Select Options  $\rightarrow$  Advanced  $\rightarrow$  Encryption  $\rightarrow$  Security Devices.



Add the module by clicking "Load".



#### Click Browse.

### Navigate to C:\Windows\system32\opensc-pkcs11.dll. Click OK.



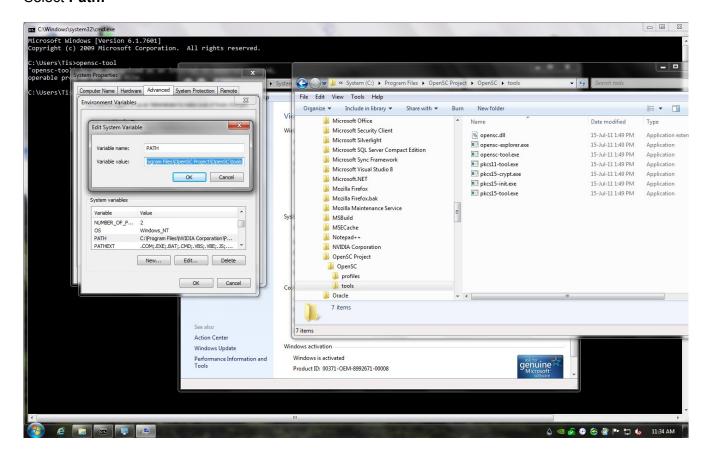
Now the module is loaded.

- - X Device Manager Security Modules and Devices Details Value Log In ▲ NSS Internal PKCS #11 Module Module New PKCS#11 Module Log Out Generic Crypto Services Path C:\Windows\System3... Software Security Device Change Password ▲ Builtin Roots Module Builtin Object Token Load <sup>▲</sup> New PKCS#11 Module Unload Virtual hotplug slot Enable FIPS OK

Click OK. Restart Firefox.

### **Configuring the System Variable:**

Right-click **My Computer**, and then click **Properties**Click the **Advanced Tab**Click the **Environment variables**Click an existing variable, and then click **Edit** to change its value Select **Path**:



Add the path to the **tools** folder in the OpenSC installation directory. This is found in **C:\Programs**.

The OpenSC tools can now be accessed from the command prompt.

Run a command prompt, the tools should be configured globally now:

The PIN can also be changed using the OpenSC Tools: pkcs15-tool --change-pin

```
wett. we wett. we well on a card to be inserted werbose, or werbose, or wettoose, or wettoose, or werbose, or werb
```