

Firefox CAC & Smart Card Setup

Mozilla Firefox and CAC / Smart Card Setup

Follow these instructions to easily use your CAC or other smart card with Firefox. ActiveClient software is not needed anymore. Windows 7 should automatically recognize most USB-based readers so no additional software is required.

Install the DOD Root Certificates for Firefox

- Most likely you'll need local admin access on the computer you're working with
- Latest version of Firefox
- DOD Root Certificates installed and available to Firefox. Download the full version of the DOD-PKE app (not the command line version).
 - <https://www.dodpke.com/InstallRoot/>
 - Install the certificates to **BOTH** the windows and Mozilla certificate stores when asked.

Using OpenSC to configure Firefox for Smart Cards

This is probably the simpler method and can be done in 5 minutes.

- Download OpenSC from the website: <http://www.opensc-project.org/opensc>
 - NOTE: I could not get the 64bit version to work with my Win7 O/S so I used 32bit instead.
- Install OpenSC and accept the defaults
- Add a new security device following the instructions on this page: <http://www.opensc-project.org/opensc/wiki/MozillaSteps>
 - NOTE: on my system, the openpkcs dll file you want was installed to C:\Windows\System32

Test it Out!

Restart your browser after adding the new security device as described above. Have your card reader connected, enter your card, and visit a site requiring client certificate authentication.