For Linux Mint

This guide was prepared on version 16, "Petra," but should work on most recent versions, if all updates have been applied.



Open Synaptic Package Manager Search "coolkey" Select coolkey and mark for installation

	Synaptic Package Manag	jer		- + ×
File Edit Package Settings He	Quick filter	Q Search		
	S Package	Installed Version	Latest Version	Descripti
Amateur Radio (universe)	coolkey		1.1.0-12	Smart Ca
Communication	libckyapplet1		1.1.0-12	Smart Ca
Communication (multiverse) Communication (universe) Cross Platform Cross Platform (multiverse) Cross Platform (universe)	libckyapplet1-dev		1.1.0-12	Smart Ca
Databases Databases (universe) Debuq	No package is selected.			
Sections				
Status				
Origin				
Custom Filters				
Search Results				
3 packages listed, 1817 installed,	0 broken. 0 to install/upgrade, 0 to re	emove		⊿

Synaptic will automatically want to mark libckyapplet1. Mark it.

	Synaptic Package Manager	- + ×
File Edit Package Set	tings Help	
€	Rebuilding search index	
Reload	synaptic ×	
All	Mark additional required changes?	Latest V
Amateur Radi	The chosen action also affects other packages. The	0.0.14-:
Communicati	following changes are required in order to proceed.	0.0.14-1
Communicati	▼ To be installed	0.0.14-1
Cross Platform	libckyapplet1	
Cross Platform		
Cross Platform		
Databases		e
Databases (ur		apage
Debug		less Card
		.ess card
St		icture (PKI).
S		plications
	Cancel V Mark	
Cust		4
Coarsh Desults		
Search Results		

Search "pcsc" Select pcsc-tools and mark for installation Synaptic will automatically select libpcsc-perl

Search "pcscd" Select pcscd and mark for installation Synaptic will automatically select libccid

These should be all the drivers you need, depending on the brand of your reader. If logging in to AKO keeps failing, you can try installing more reader libraries or go to the manufacturer's website to see if they offer a linux driver.

Apply changes.

Now to configure Firefox:

Firefox ships with most Linux distros, so it tends to have better native support than other browsers. You can configure Chrome or Opera to use your CAC, but that is beyond the scope of this guide.

Plug in your card reader and CAC

Open Firefox browser

Get DOD Configuration tool from: http://www.forge.mil/Resources-Firefox.html (The URL is case-sensitive. No CAC is needed to install this plug-in)

Forge				
ABOUT FAQS	NEWS RESOURCES SUPPORT			
New user? Join Now Tools & Resources: Download DoD Mozilla Firefox & Thunderbird Add-ons				
Stay Informed	Return to Forge.mil Tools & Resources 🔊 Mozilla Firefox is a free and open source web browser that is managed by Mozilla Corporation. Mozilla Thunderbird is a free, open source, cross-platform e-mail and news client developed by the Mozilla Foundation. The DoD Firefox & Thunderbird Add-ons			



Click "Allow" and then "Install Now"

	Software Installation	
	Install add-ons only from authors whom you trust.	
	Malicious software can damage your computer or violate your privacy.	
You ha	ave asked to install the following item:	
4	DoD Configuration (Author not verified)	
Sal	http://www.forge.mil/downloads/plugins/mozilla/dod_configuration-1.3.6.x	1
	Cancel Install (5	<u>۱</u>
		!

Restart Firefox when it prompts you to do so

Click OK when it asks to setup your card reader. It will probably give an error. Click okay to dismiss it Click OK to download and install the latest certificates

Try to log on to AKO

If it gives a dialog for you to enter your CAC PIN, you have successfully set up your reader

On logging in, it may give you a bad cert alert. Click "Try Again" and it should load the AKO page

If it continues to give a bad cert alert:

Go to Tools>Add-ons, and select "Extensions" On the DoD Configuration plug-in, select "Preferences"

Update the DoD and Federal certs manually, and after it finishes, select "Redetect Smart Card Reader." It may give you an error



Close Firefox, and unplug and re-plug your card reader Try logging in to AKO again.