

Installation of CAC Reader

In Section II, you will learn how to properly install your CAC Reader on your home PC or laptop. A CAC Reader is the electronic device that reads smart cards, which you learned about in the Concepts Terms and Definitions section.

Important Note:

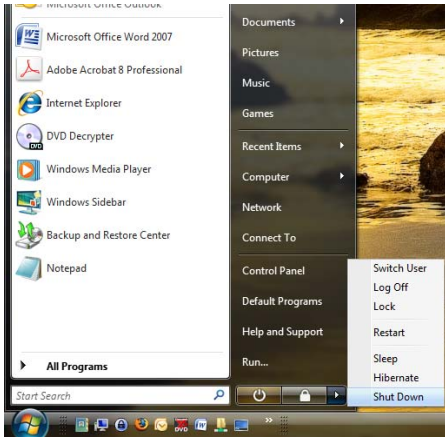
Most newly purchased CAC Readers are plug and play, which does not require you to manually install a driver!

Steps to install a Universal Plug and Play (UPnP) CAC Reader on your home PC or laptop



UPnP™

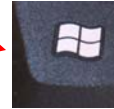
Step 1:
Shut Down Home PC or laptop



Shutdown Home PC or laptop



Shutdown Shortcut:



**Push Windows Keyboard Button,
Right Arrow 3 Times and then Enter Key!**

Step 2:
Connect your Universal Plug and Play
(UPnP) CAC Reader to your
Home PC or laptop

Important Note:

If your CAC Reader is not Universal Plug
and Play (UPnP) you may need to manually
install a driver for it to operate properly.

PC USB Port



Laptop USB Port



[Click here for additional instructions for
Non-plug and play CAC Readers!](#)

Step 3:

Power on home PC or laptop

Audio Checkpoint:

When you stop hearing the Windows boot-up audio and see the Windows desktop it is finished loading.

Visual Checkpoint:

You will know your Universal Plug and Play (UPnP) CAC Reader is properly installed when you see the reader icon for **Your Device** in Windows Task Bar.

Windows Vista Desktop



Installation of Non-Plug and Play CAC Readers for Windows Vista

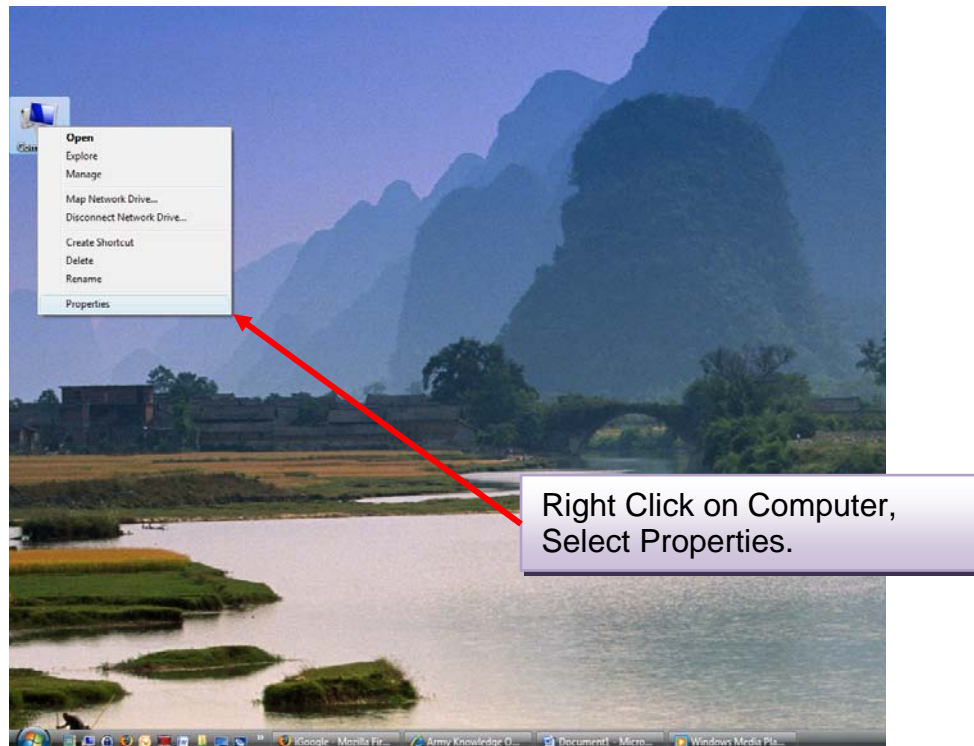
In this separate section of instruction, you will learn some tips how to manually install your CAC Reader on your home PC or laptop if it is not a non-plug and play device, which is automatically recognized and installed by Windows XP or Vista.

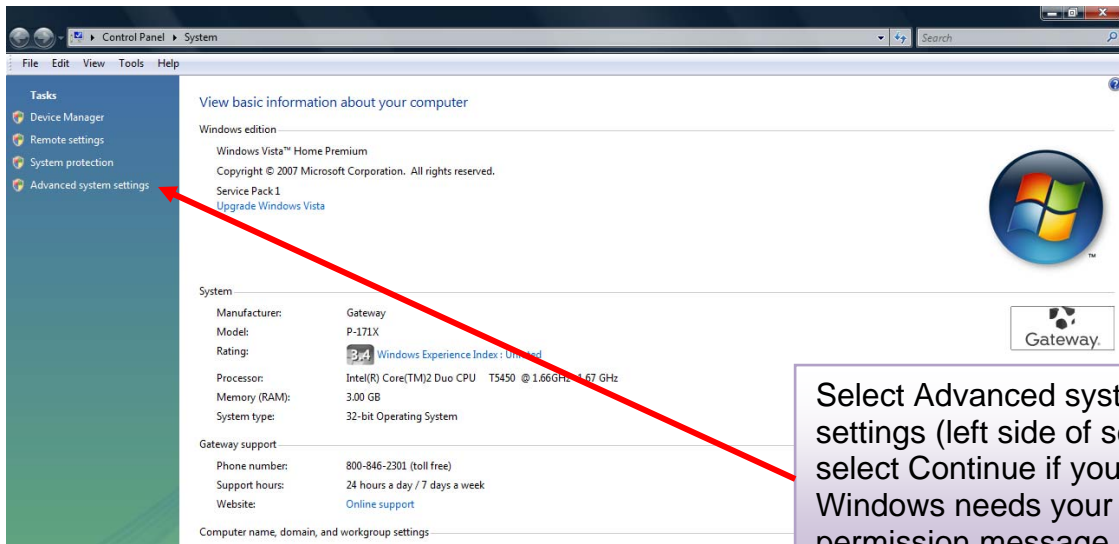
This is just a tips worksheet; therefore you may need to consult the actual owner's manual or software that came with the CAC Reader for specific information pertaining to your specific reader.

Install allowing Windows to search automatically for updated driver software!

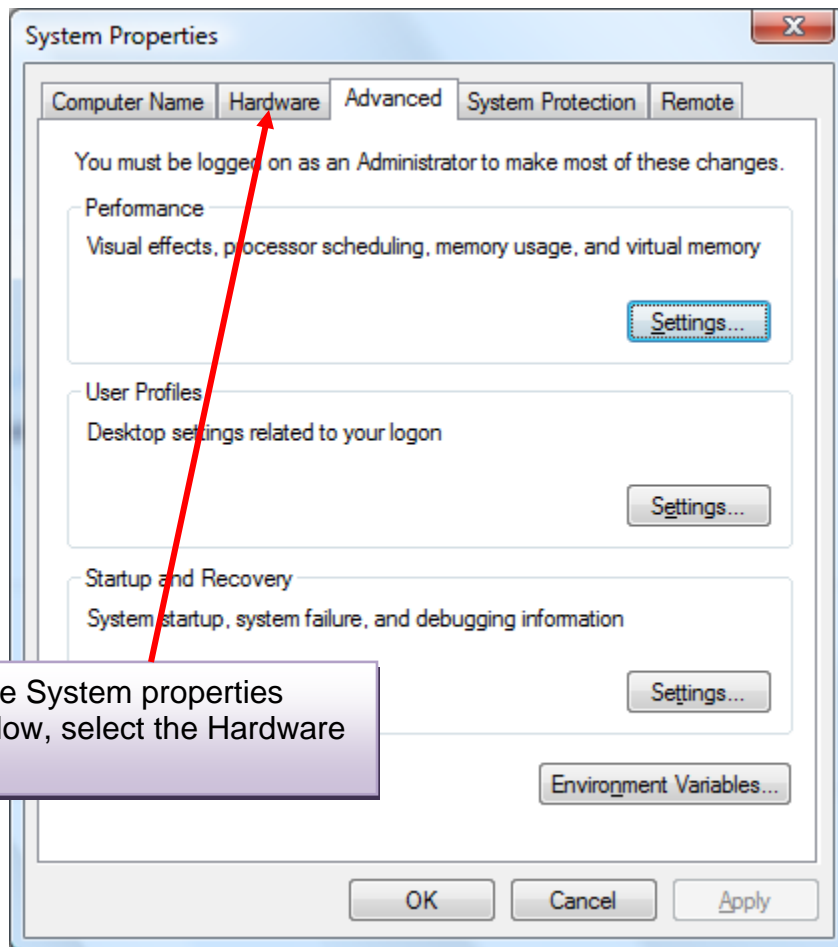
Windows Vista – Right Click on Computer, Select Properties. Select Advanced system settings (left side of screen); select Continue if you get the Windows needs your permission message. In the System properties window, select the Hardware tab. Click the Device Manager button. Scroll down to Smart Card Readers. Select the + next to it. Right click on the name of **Your Smart Card Reader**. Select Update Driver Software. Select option to allow Windows to search automatically for updated driver software. Follow any additional prompts!

Window Vista Screen Shots

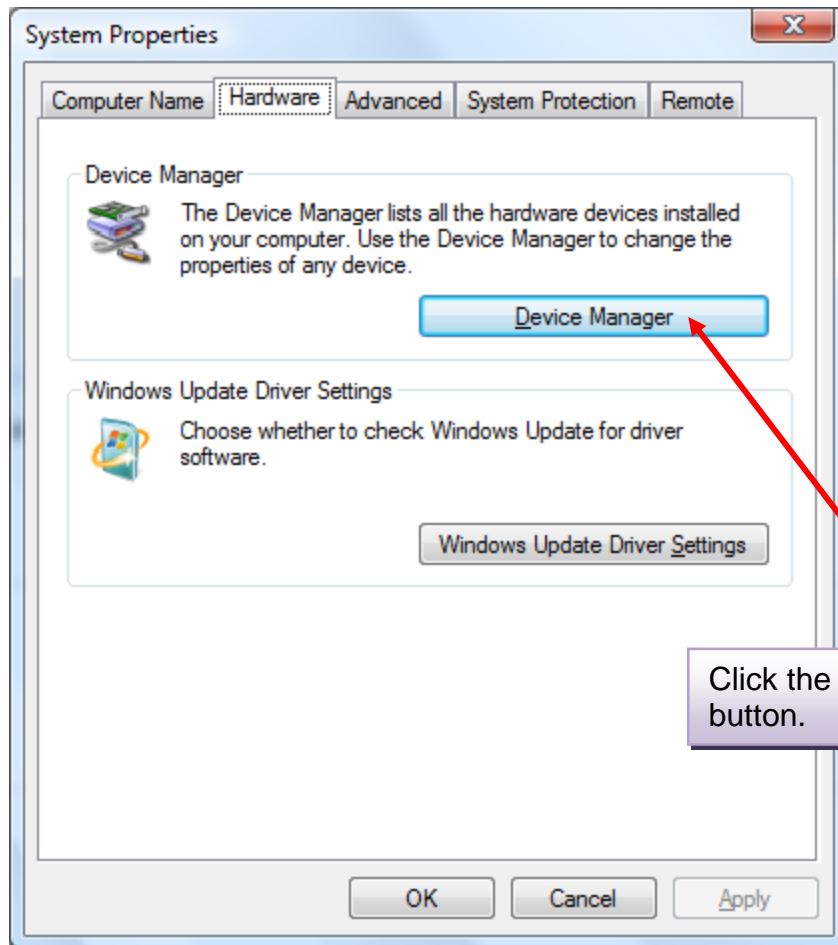




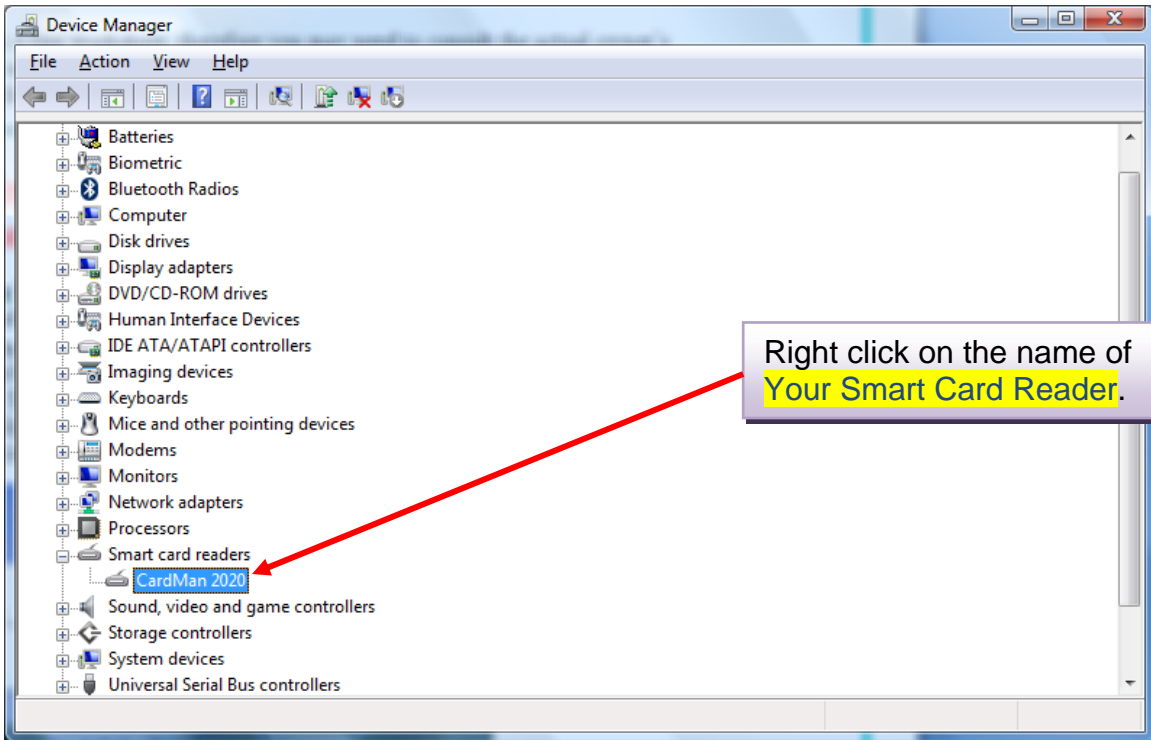
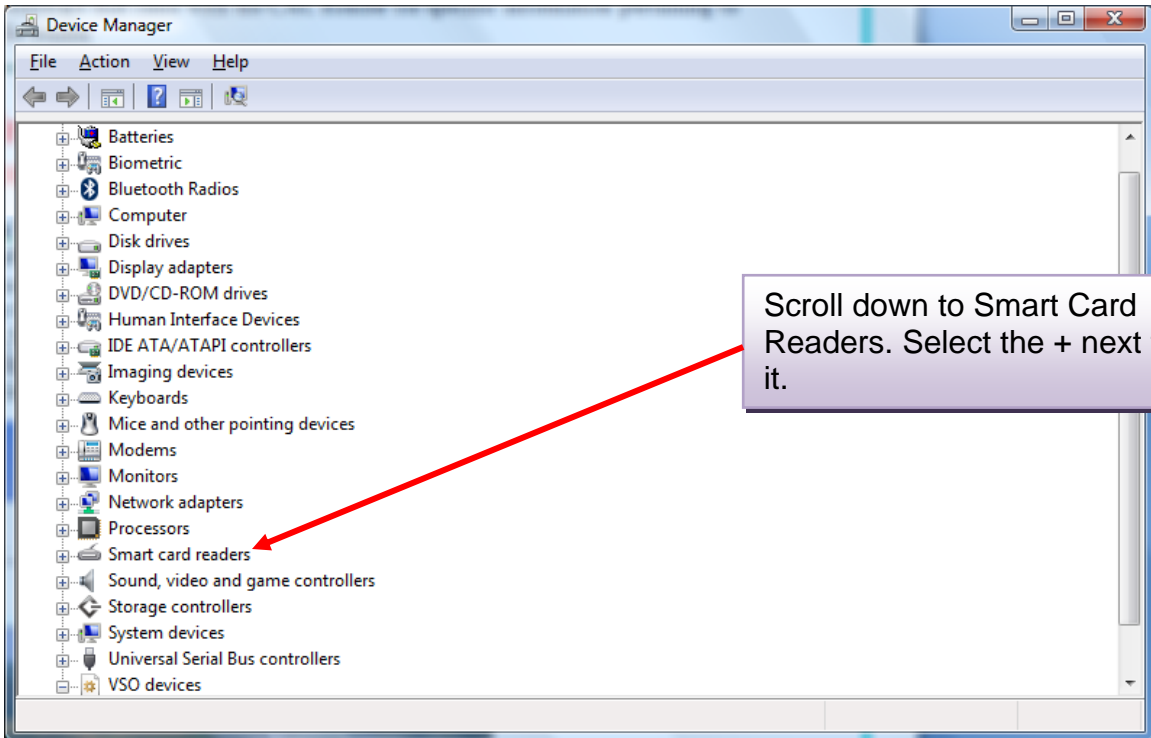
Select Advanced system settings (left side of screen); select Continue if you get the Windows needs your permission message.

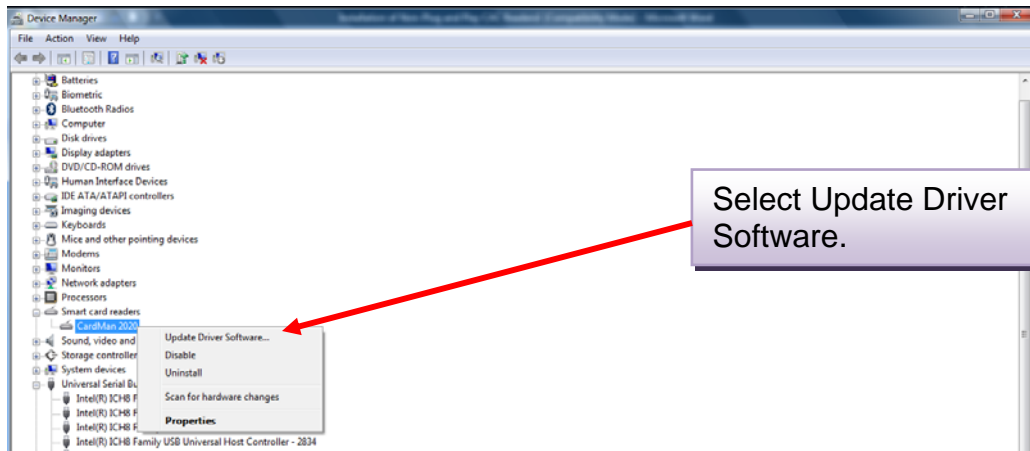


In the System properties window, select the Hardware tab.

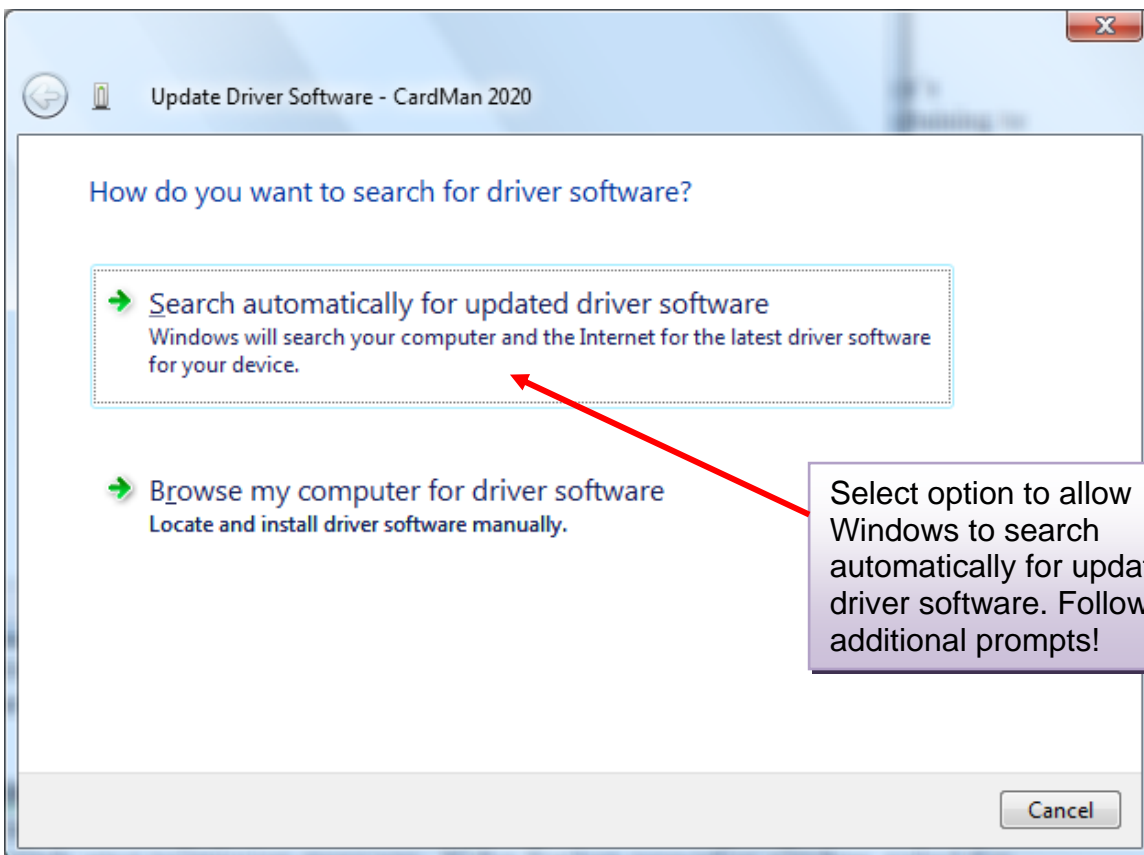


Click the Device Manager button.





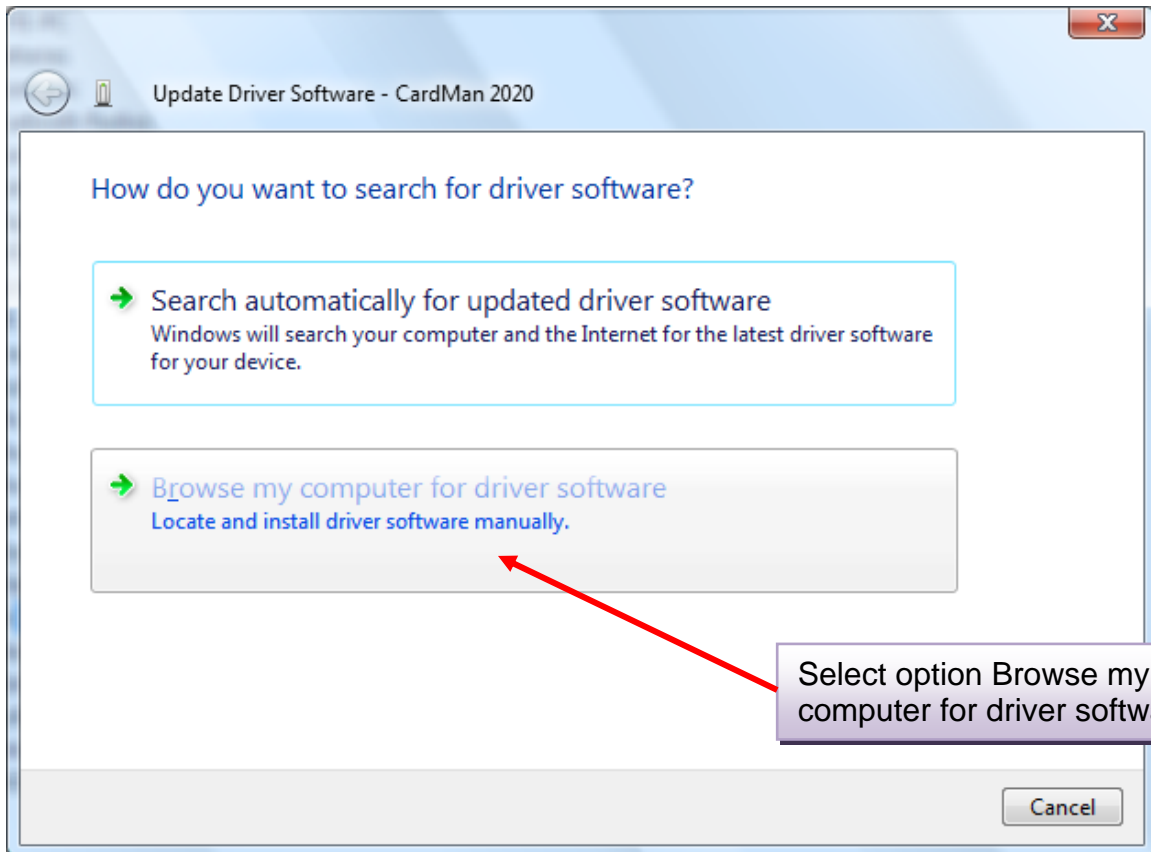
Select Update Driver Software.

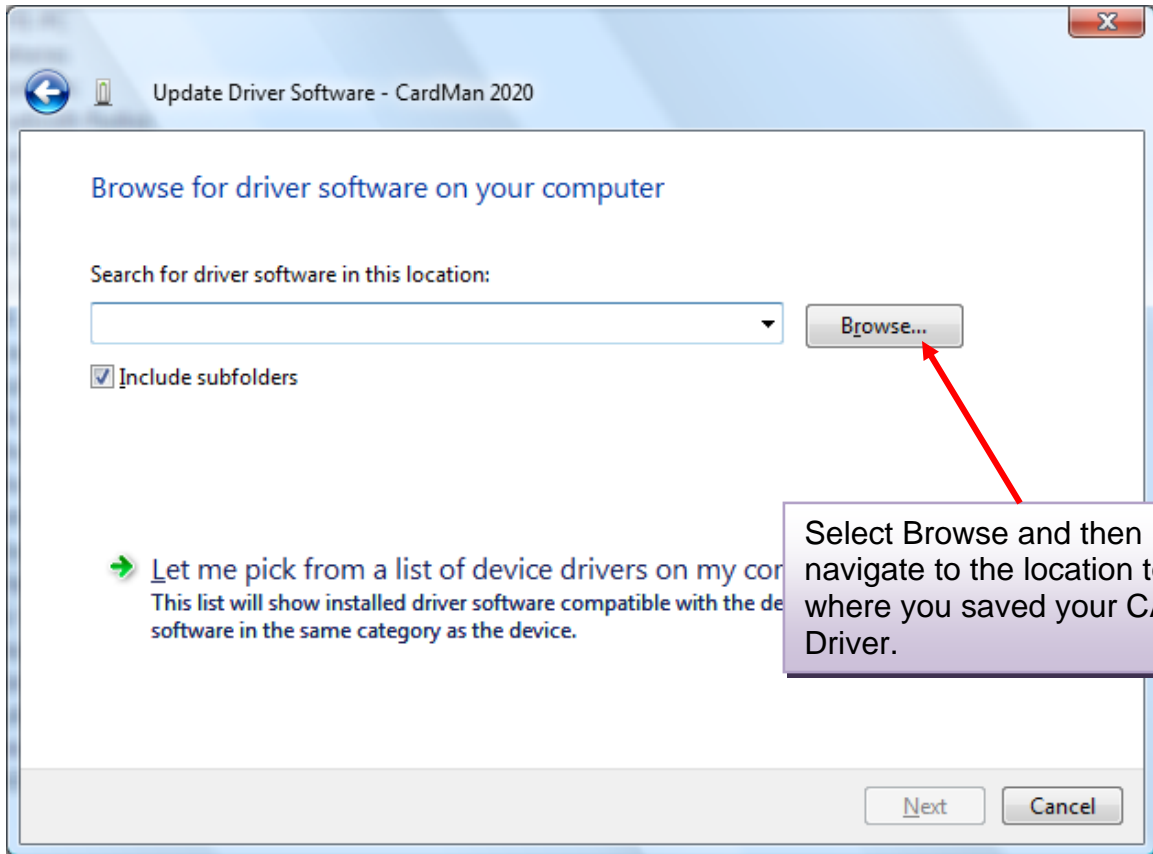


Select option to allow Windows to search automatically for updated driver software. Follow any additional prompts!

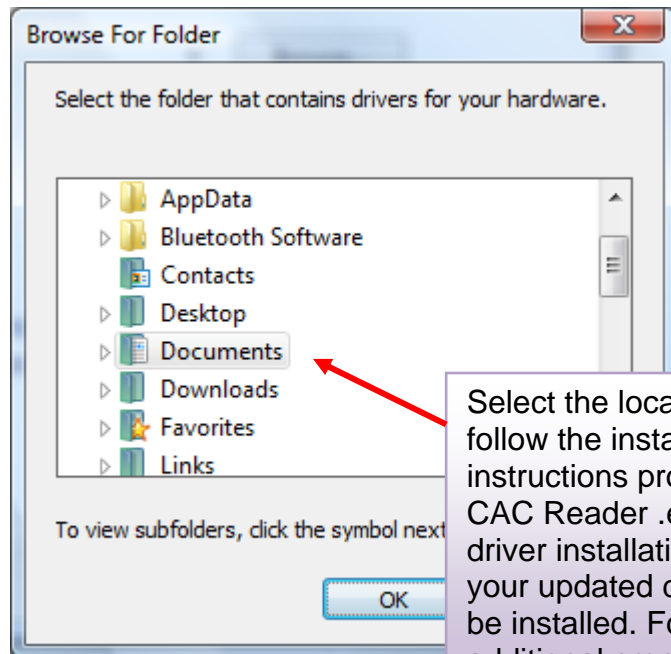
Install browsing a known Windows location where you saved your CAC Driver!

Windows Vista – Follow steps above until you come to Select Update Driver Software. Select option Browse my computer for driver software. Select Browse and then desktop (or wherever you decide). Select the folder and then follow the installation instructions provided with the CAC Reader .exe file or driver installation file and your updated driver should be installed.





Select Browse and then navigate to the location to where you saved your CAC Driver.



Select the location and then follow the installation instructions provided with the CAC Reader .exe file or driver installation file and your updated driver should be installed. Follow any additional prompts!

This Section of Instruction is Now Complete
Continue to Section III: Installation of Middleware

