### MAKING OLDER SCANNERS WORK IN "WINDOWS 8"

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# Web location for this presentation:

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#### SUMMARY

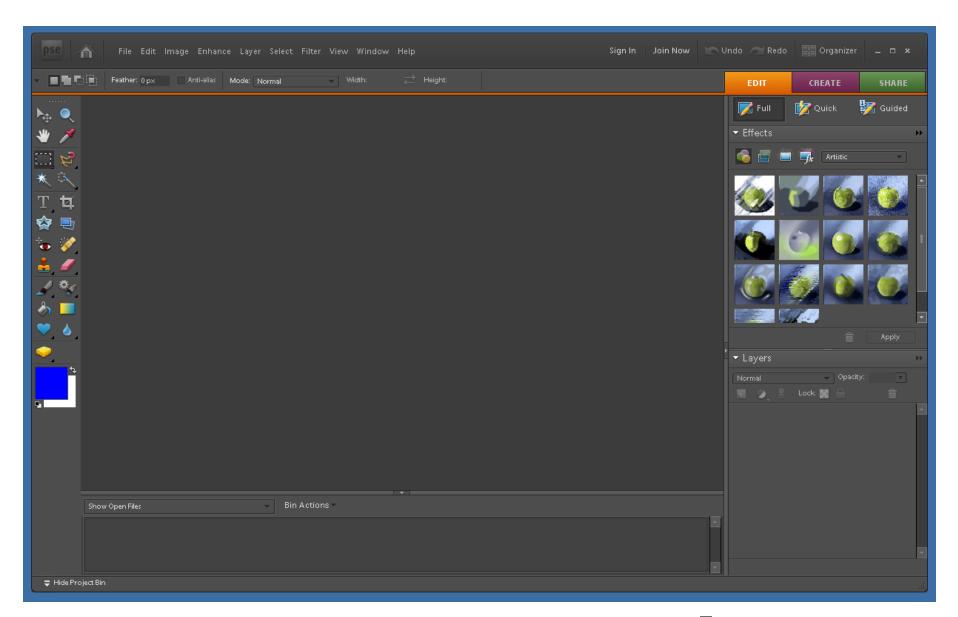
Unlike previous versions of "Windows..", "Windows 8" has a preference for "Windows Image Acquisition" (WIA) drivers but "Windows Image Acquisition" sometimes causes older flatbed and sheet-fed scanners to fail. When this happens, you can turn off WIA drivers temporarily in order to get your older flatbed and sheet-fed scanners working again.

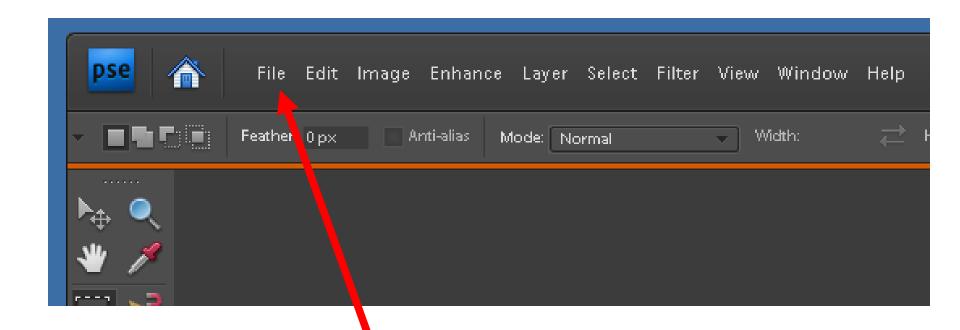
**Scanner Basics** When you start the scanning process from within "Windows 8" (and all versions of "Windows.." starting with "Windows ME"), you can use either a native scanner driver that has been provided by the scanner manufacturer or a "Windows Image Acquisition" (WIA) scanner driver (that is either provided by the scanner manufacturer or by Microsoft).

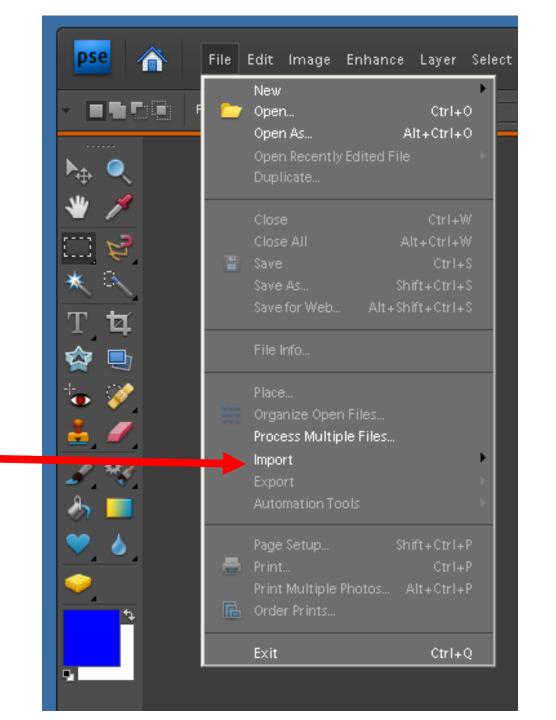
#### Scanner Basics (continued)

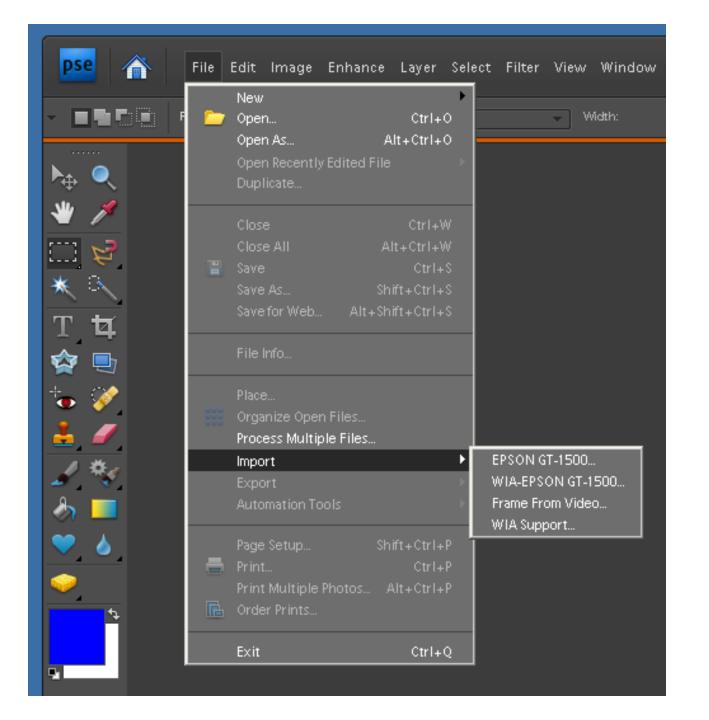
- For example, if you have an Epson GT-1500 Workforce flatbed scanner and you:
- Start up "Adobe Photoshop Elements 7",
- click on "File",
- and then on "Import:













Scanner Basics (continued)
In this example, you have a choice between 3 drivers for operating your Epson scanner:

A "native driver" that is provided by Epson

and

two "Windows Image Acquisition" drivers: one provided by Epson and a generic one provided by "Windows 8"



#### Scanner Basics (continued)

At this point, you sometimes will end up in a "Catch-22" situation:

If you select the "native driver" that is provided by Epson, the WIA driver that is provided by Microsoft will start up and fail, even though you did not select this driver.

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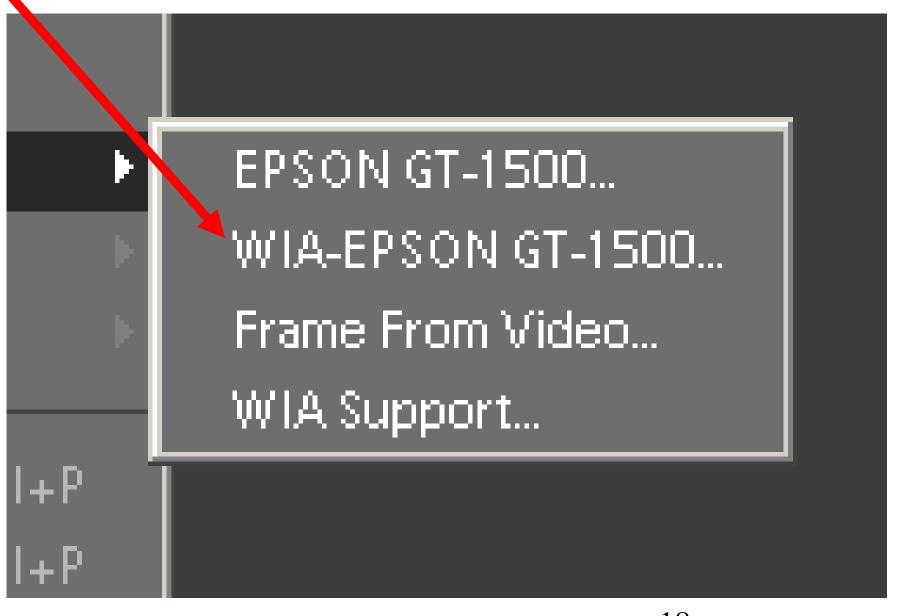
Scanner Basics (continued)
At this point, you will sometimes end up in a "Catch-22" situation (continued):

If you select the "native driver" that is provided by Epson, the "Windows Image Acquisition" driver that is provided by Microsoft will start up anyway and fail:



Scanner Basics (continued)
At this point, you will sometimes end up in a "Catch-22" situation (continued):

If you select the "Windows Image Acquisition" driver that is provided by Epson, the "Windows Image Acquisition" driver that is provided by Microsoft will start up anyway and fail.



Scanner Basics (continued)
At this point, you will sometimes end up in a "Catch-22" situation (continued):

If you select the "Windows Image Acquisition" driver that is provided by Microsoft, it will start up and fail:



## Big Steps to Get A Scanner Working in "Windows 8"

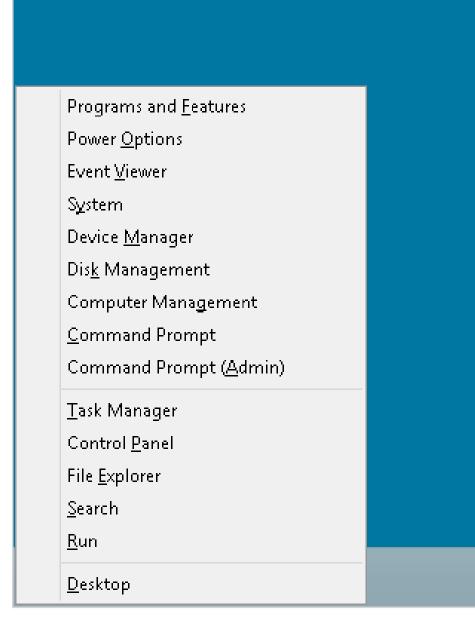
- Big Step 100 (= Small Steps 101 to 118): Disable the "Windows Image Acquisition" (WIA) service.
- Big Step 200: Test your scanner to see if it is now working. If it is not working, reinstall the scanner manufacturer's drivers and software for the scanner.

Big Steps to Get A Scanner Working in "Windows 8" (continued)

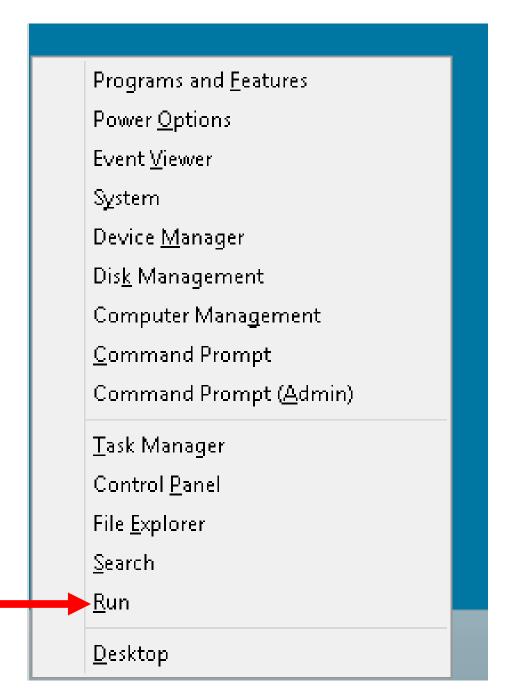
Big Step 300 (= Small Steps 301 to 318): Re-enable and re-start the "Windows Image Acquisition (WIA) service.

- Big Step 100: Disabling the WIA Service
- Small Step 101: Power up your "Windows 8" computer.
- Small Step 102: Press the Windows key and leave the Windows key held down.
- Small Step 103: While leaving the Windows key held down, press the x key and hold both keys down for about a second.

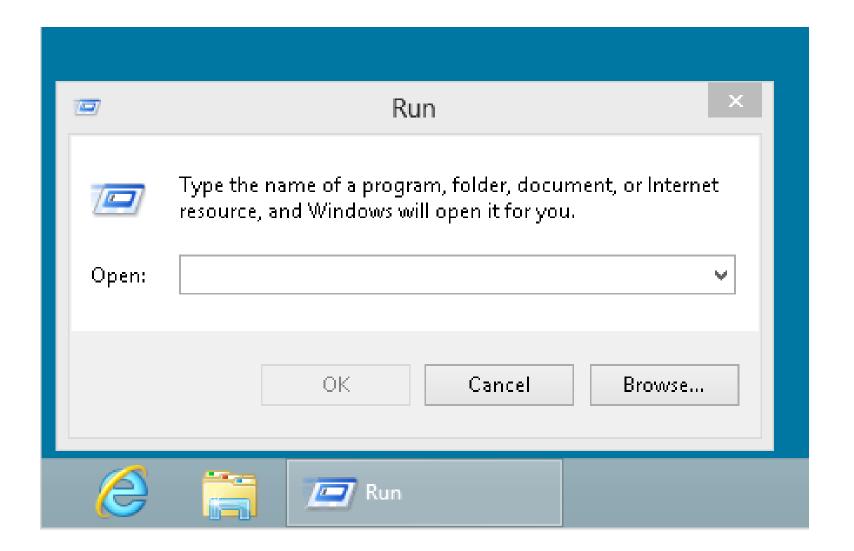
Small Step 104: Release both keys. Small Step 105: A "Power User's Menu" will be displayed in the lower left corner of the monitor screen:



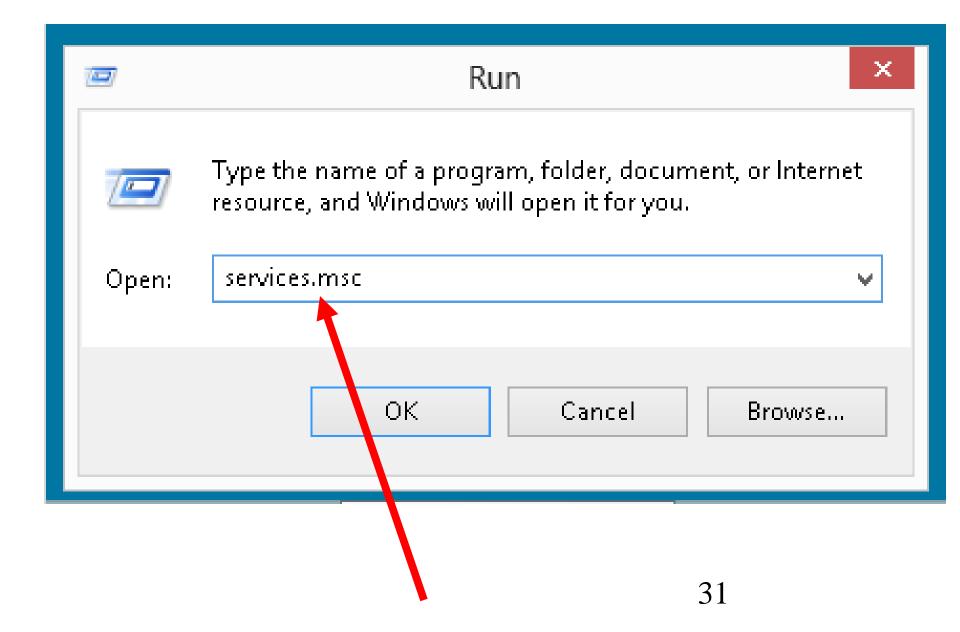
Small Step 106: Click on "Run":



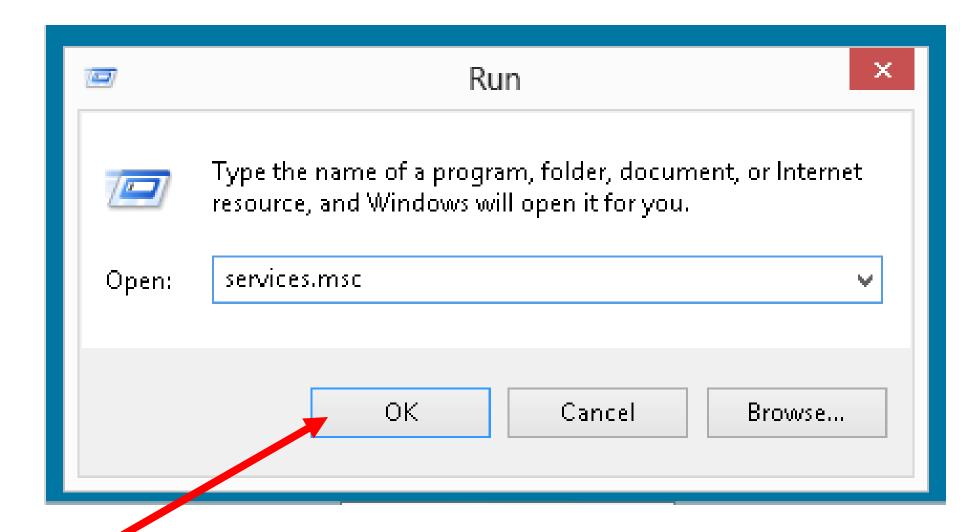
Small Step 107: A "Run" box will be displayed:



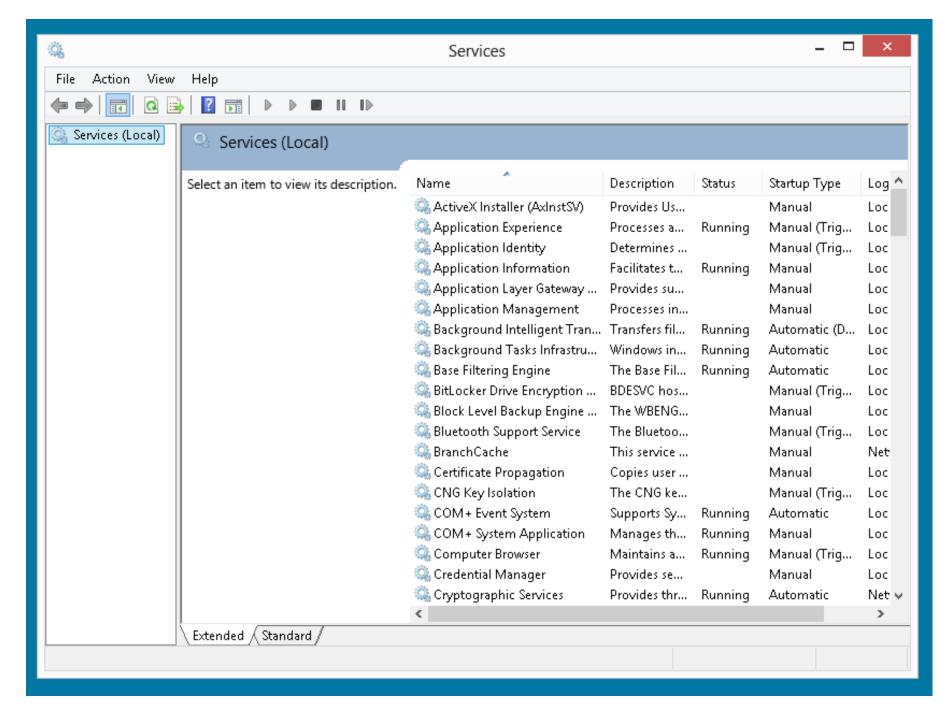
Small Step 108: Type in services.msc



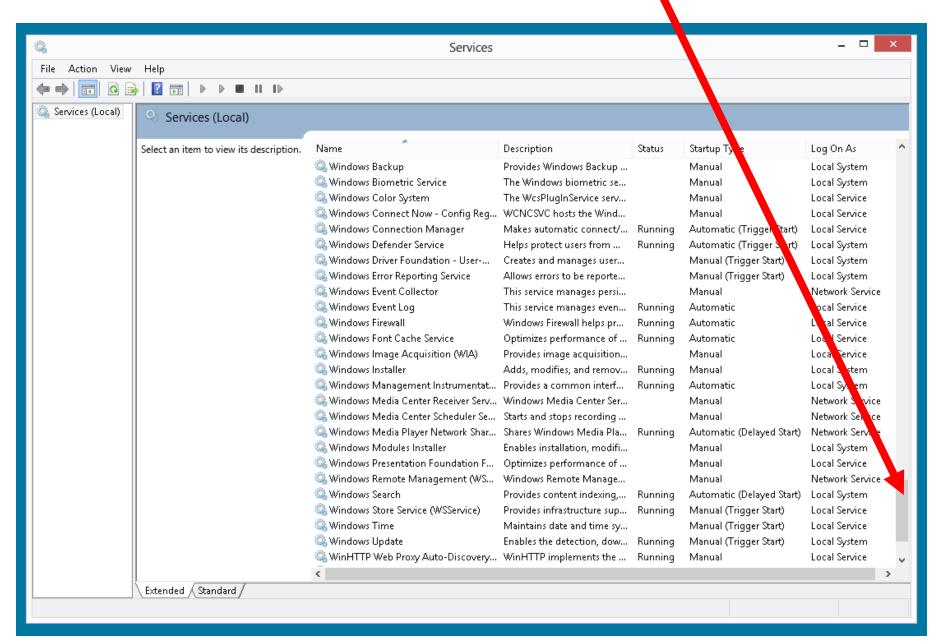
Small Step 109: Click on the "OK" button:



Small Step 110: A "Services" window will be displayed:



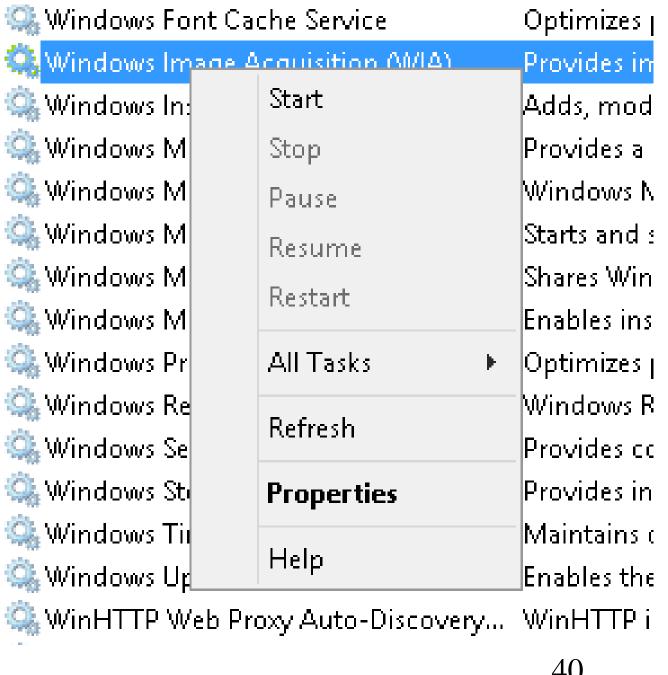
Small Step 111: Scroll downward and locate the "Windows Image Acquisition" service:



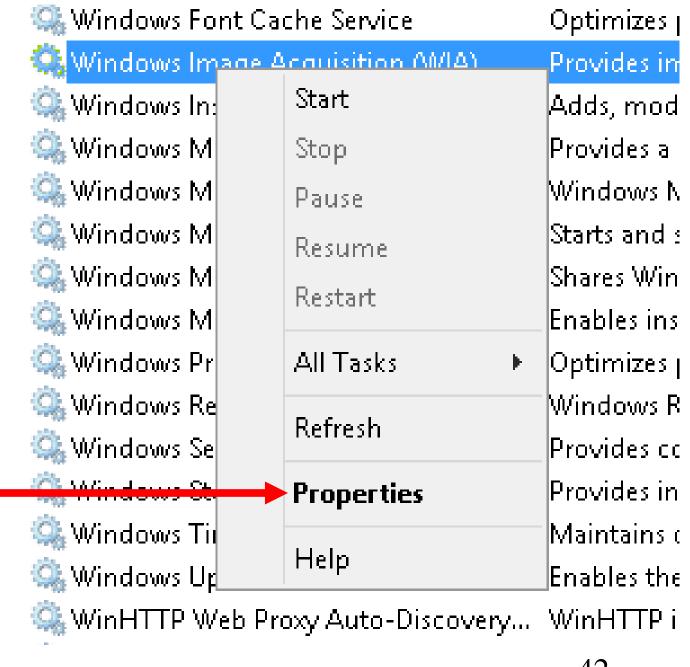
Windows Font Cache Service
Windows Image Acquisition (WIA)
Adds, modifies, and remov...
Provides image acquisition...
Running
Manual
Adds, modifies, and remov...
Running
Manual

Local Service Local Service Local System

- Small Step 112: Use the RIGHT mouse button to click on "Windows Image Acquisition".
- Small Step 113: A pop-up context menu will be displayed:



Small Step 113: Click on "Properties" in the pop-up context menu:

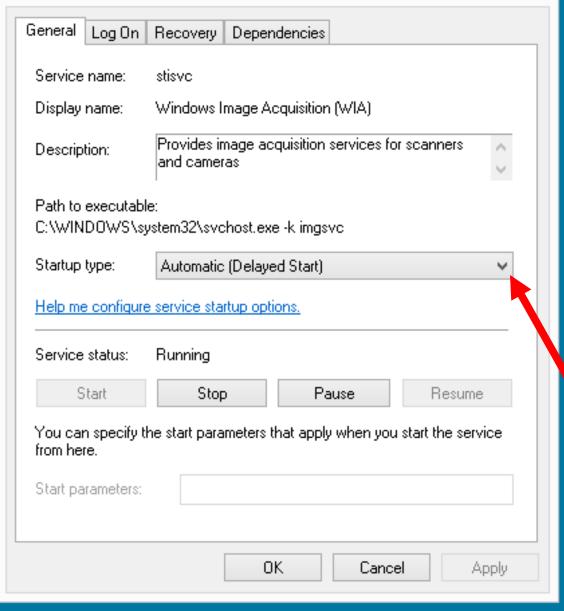


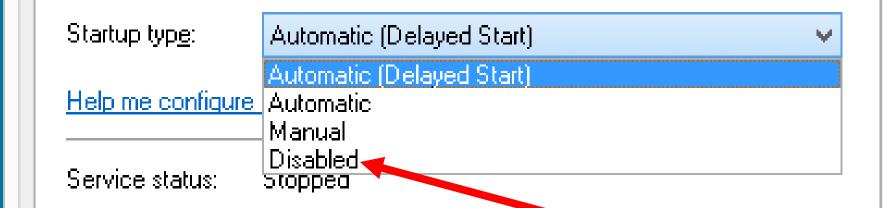
Small Step 114: A "Windows Image Acquisition Properties" box will be displayed:

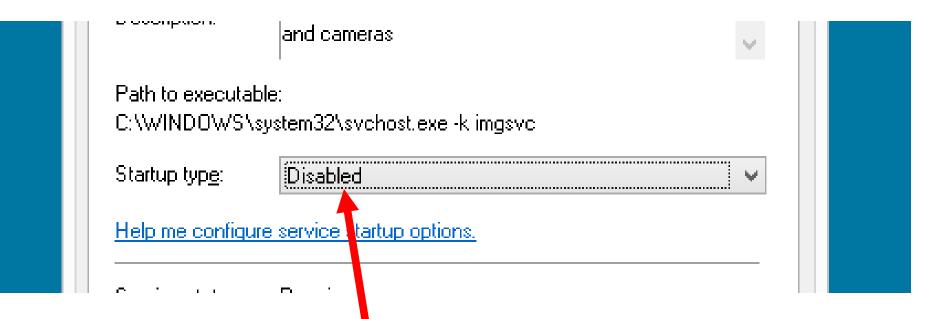
## Windows Image Acquisition (WIA) Properties (Local Co... General Log On Recovery Dependencies Service name: stisvo Windows Image Acquisition (WIA) Display name: Provides image acquisition services for scanners Description: and cameras Path to executable: C:\WINDOWS\system32\svchost.exe -k imgsvc Startup type: Automatic (Delayed Start) Help me configure service startup options. Running Service status: Stop Start Pause Resume You can specify the start parameters that apply when you start the service from here. Start parameters: 0K Cancel Apply:

Small Step 115: Use the drop down list button at the right end of the "Startup type:" field to change the "Startup type" to "Disabled":

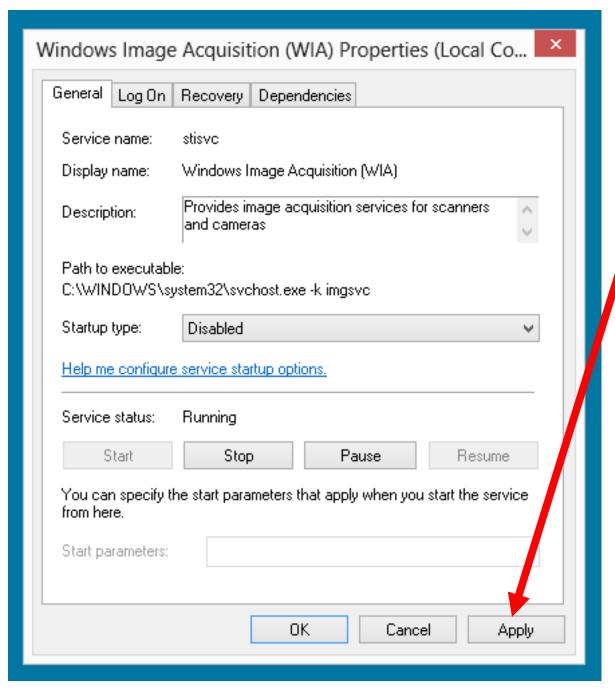
## Windows Image Acquisition (WIA) Properties (Local Co...



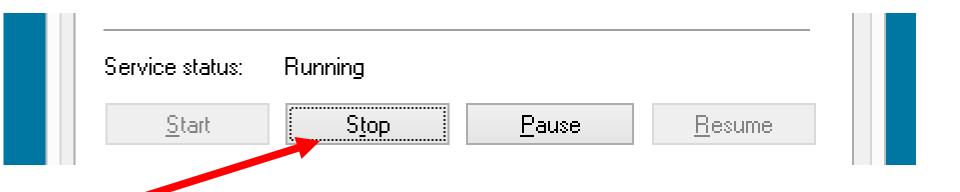




Small Step 116: Click on the "Apply" button:

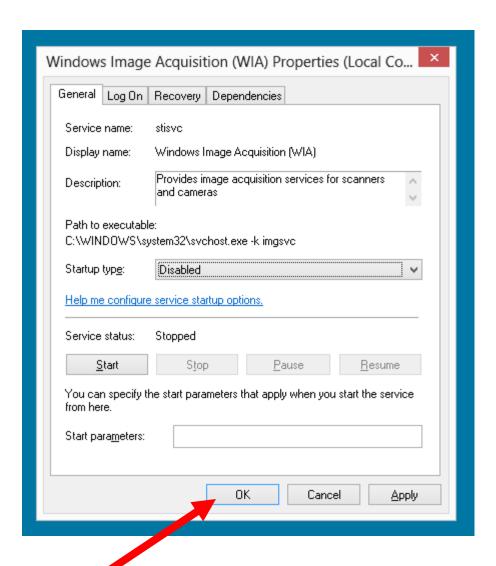


Small Step 117: If the service is still shown as "Running", click on the "Stop" button to stop it:





Small Step 118: Click on the "OK" button:

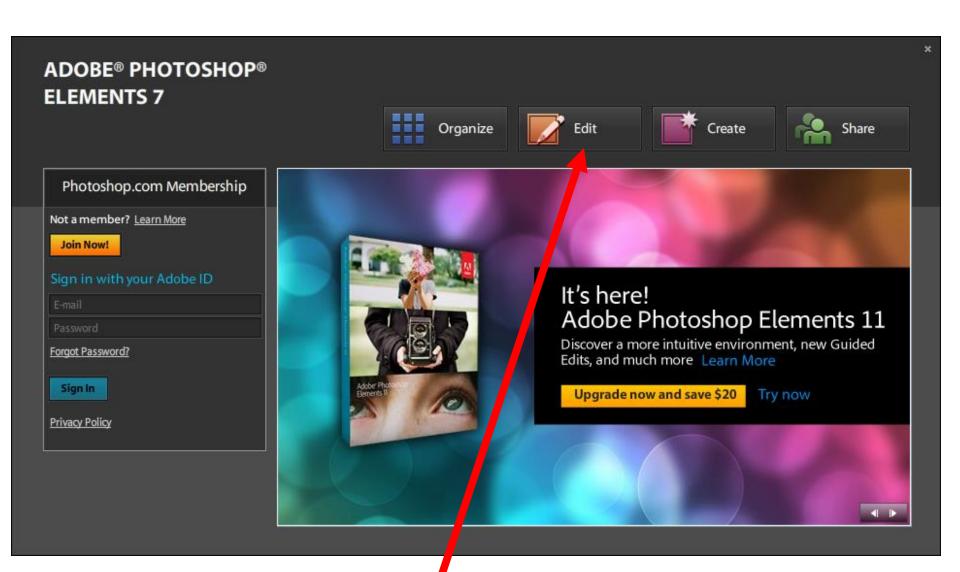


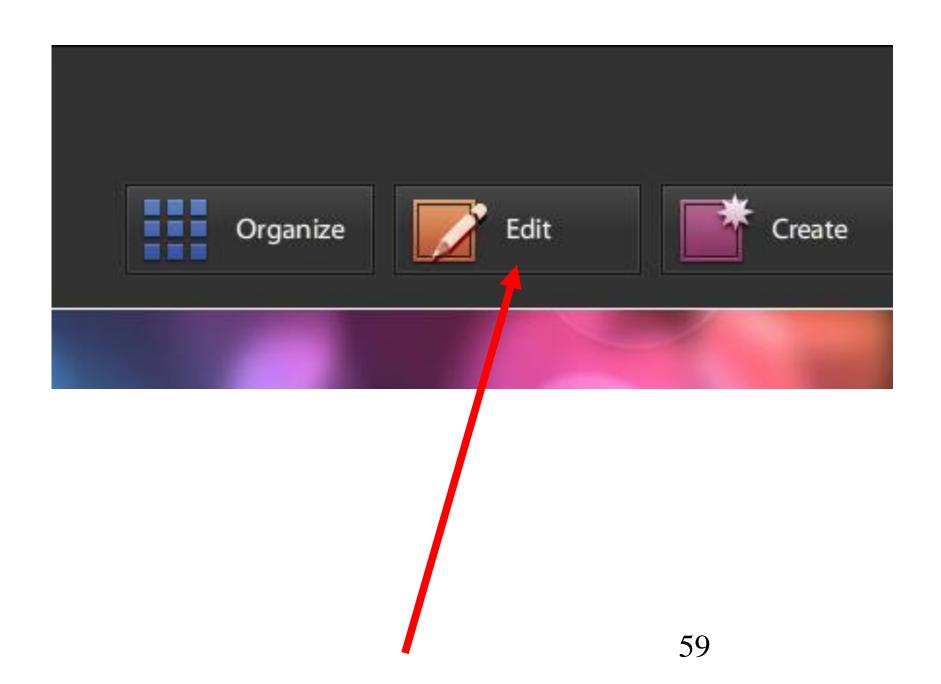
Big Step 200: Test the Scanner; Re-install Drivers and Software Per Mfr.'s Instructions, If Necessary

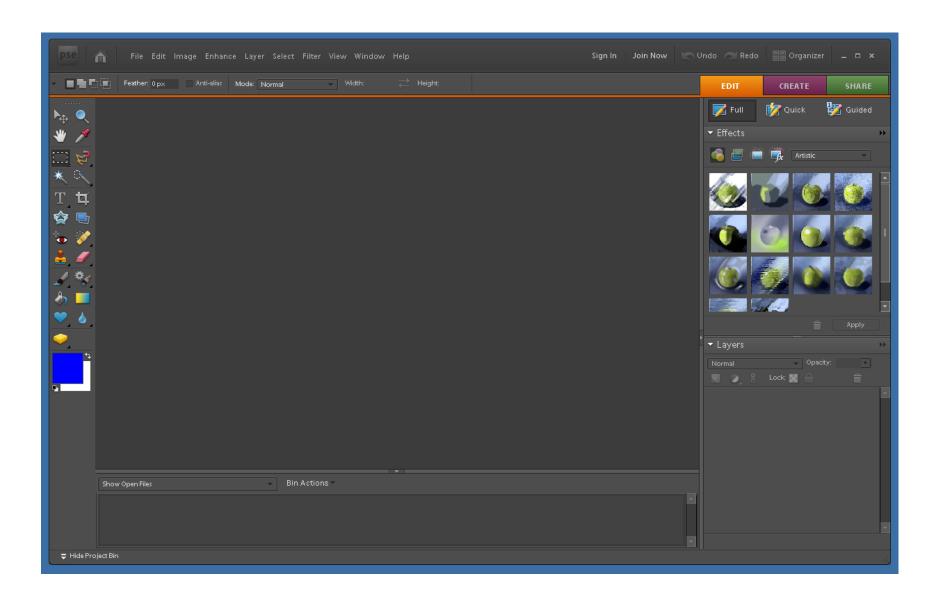
Test the scanner to see if it works now:

For example, if you have an Epson GT-1500 Workforce flatbed scanner and the "Adobe Photoshop Elements 7" program:

Start up "Adobe Photoshop Elements 7" and go to its "Edit" screen:

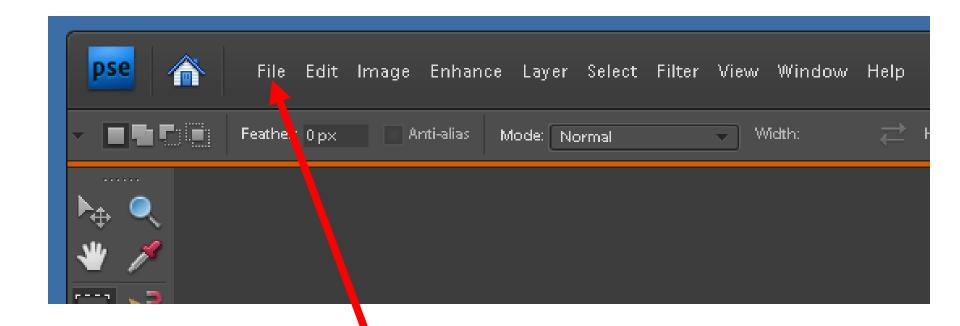




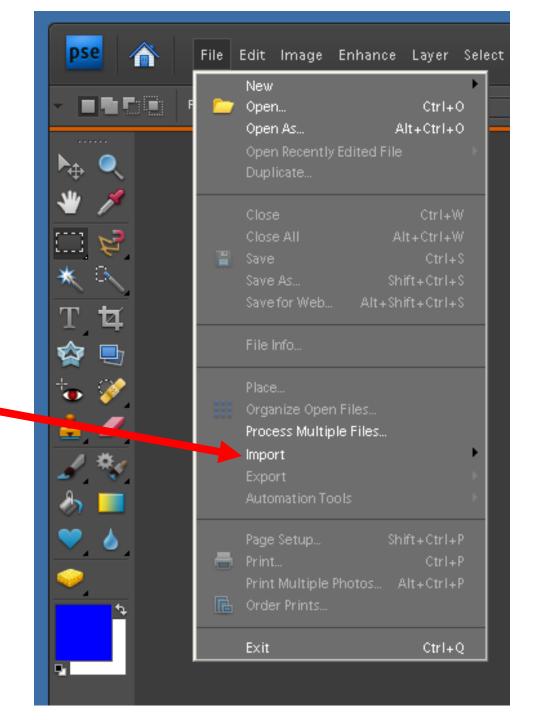


Big Step 200: Test the Scanner; Re-install Drivers and Software Per Mfr.'s Instructions, If Necessary (continued)

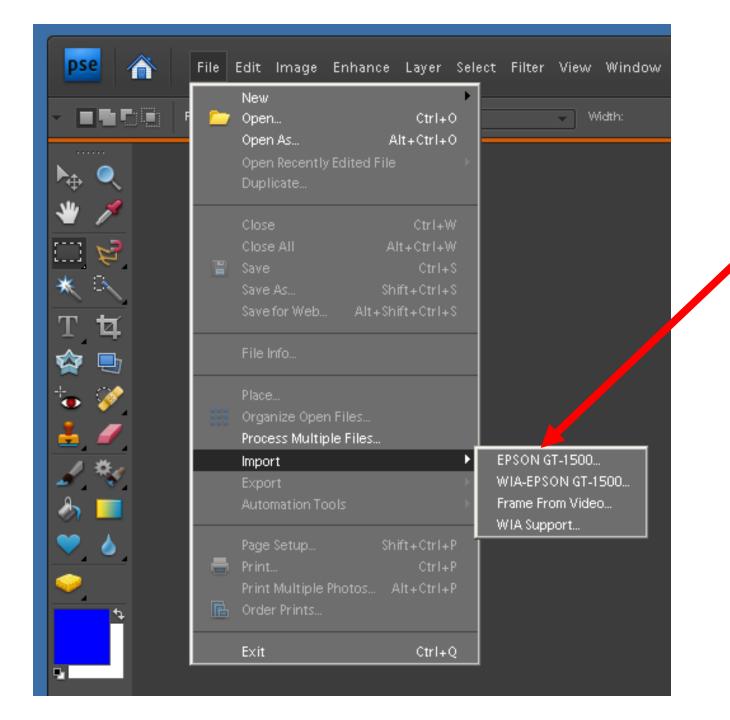
Click on "File" in the Menu bar:



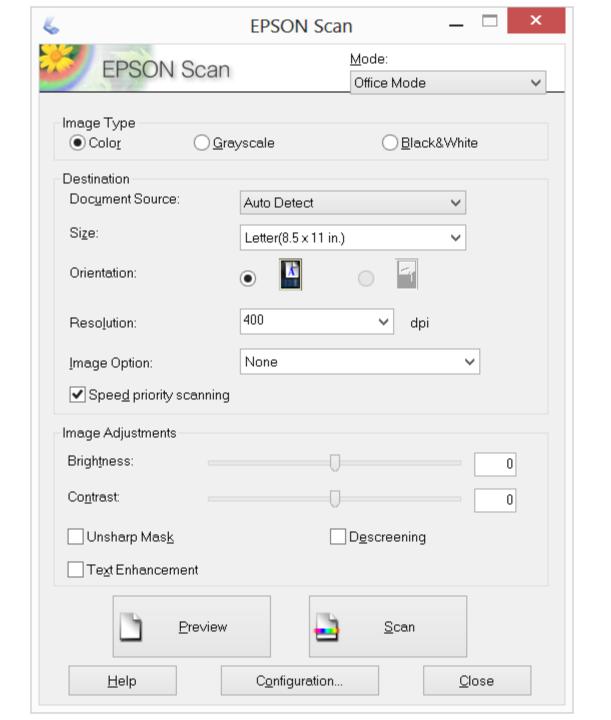
Big Step 200: Test the Scanner; Re-install Drivers and Software Per Mfr.'s Instructions, If Necessary (continued)
Then click on "Import" in the pull-down menu:



Big Step 200: Test the Scanner; Re-install Drivers and Software Per Mfr.'s Instructions, If Necessary (continued)
Then click on the "native driver" that is supplied by "Epson":







Big Step 200: Test the Scanner; Re-install Drivers and Software Per Mfr.'s Instructions, If Necessary (continued)

If the scanner works, go to "Step 301".

If the scanner does not work, follow the scanner manufacturer's instructions to install their drivers and software.

Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service

Small Step 301: Use your scanner for a few days. During that time period, start the Windows "Control Panel" and run "Windows Update" a few times to make sure that you have the latest drivers and patches for your entire computer.

Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

Small Step 302: Press the Windows key and leave the Windows key held down.

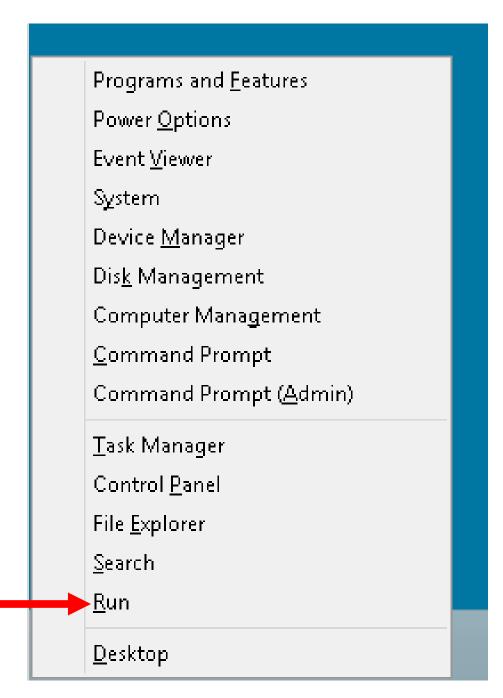
Small Step 303: While leaving the Windows key held down, press the x key and hold both keys down for about a second.

Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)
Small Step 304: Release both keys.
Small Step 305: A "Power User's Menu" will be displayed in the lower left corner of the monitor screen:

Programs and Features Power <u>Options</u> Event  $\underline{V}$ iewer System Device <u>M</u>anager Dis<u>k</u> Management Computer Management  $\underline{C}ommand\ Prompt$ Command Prompt (Admin)  $\underline{T}$ ask Manager Control Panel File  $\underline{E}$ xplorer <u>S</u>earch <u>R</u>un  $\underline{\mathsf{D}}\mathsf{esktop}$ 

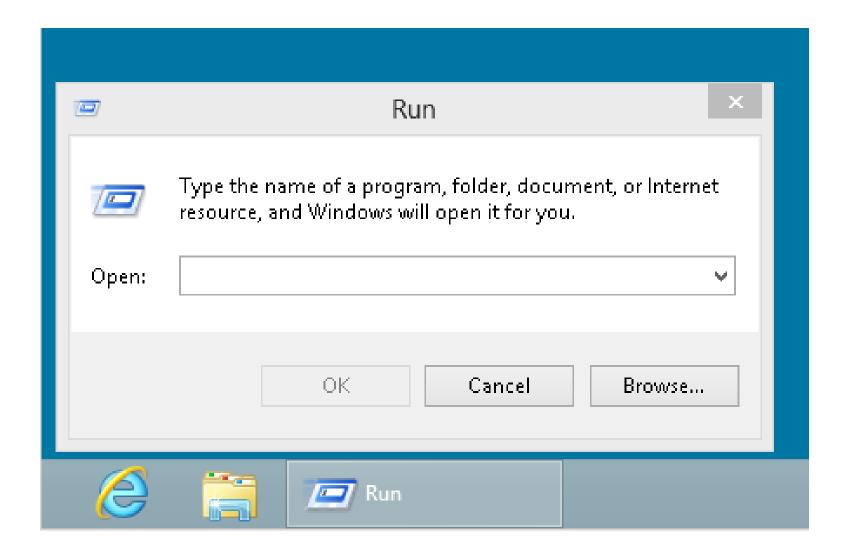
Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

Small Step 306: Click on "Run":



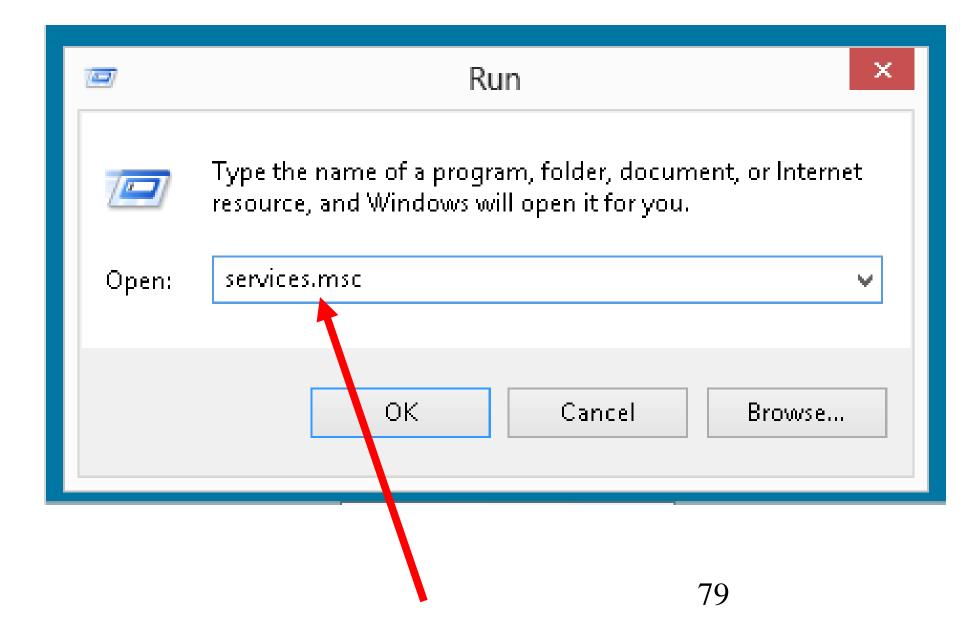
Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

Small Step 307: A "Run" box will be displayed:



Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

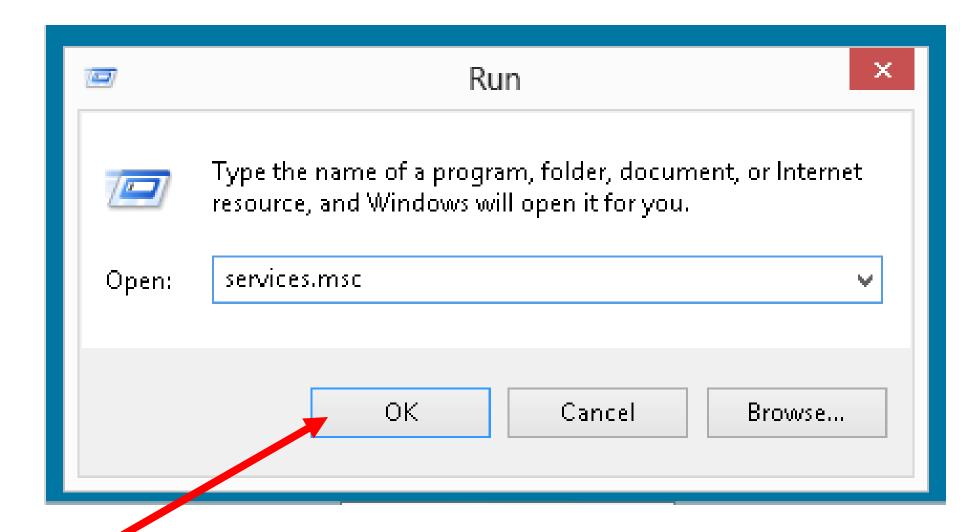
Small Step 308: Type in services.msc



Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

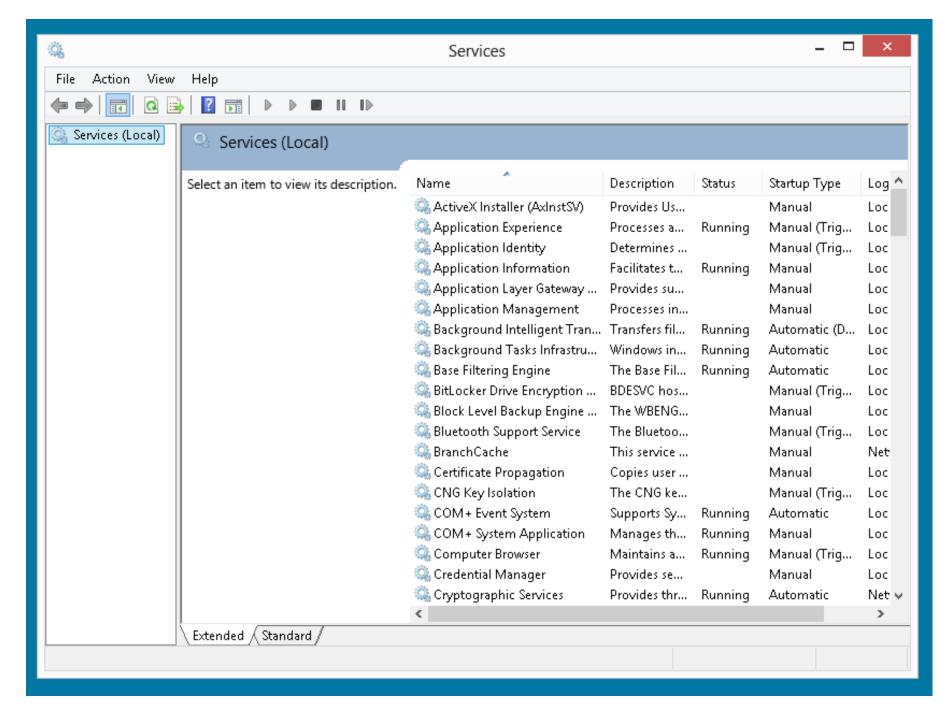
Small Step 309: Click on the "OK"

button:

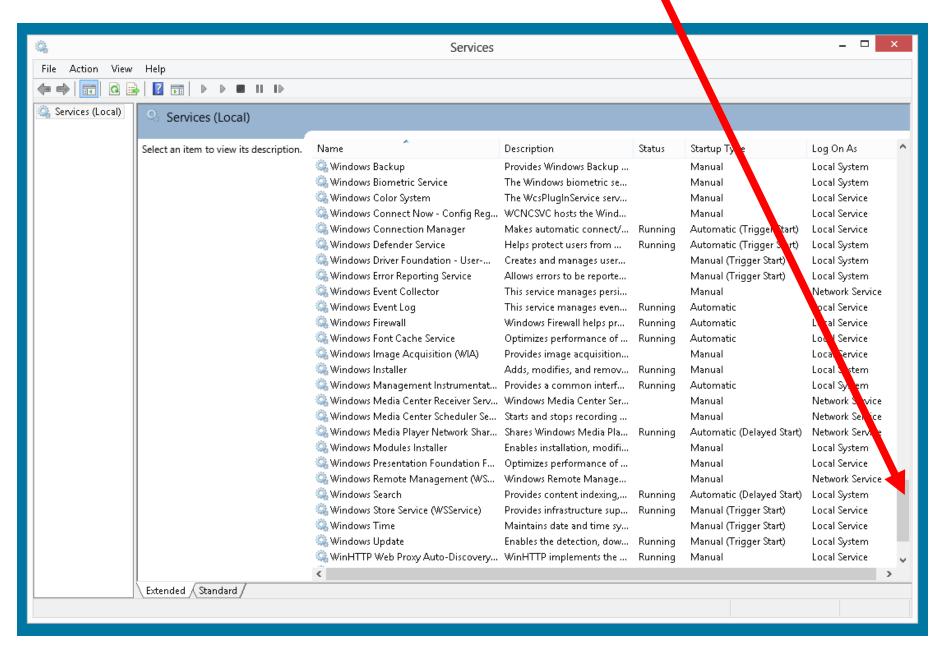


Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

Small Step 310: A "Services" window will be displayed:



Small Step 311: Scroll downward and locate the "Windows Image Acquisition" service:

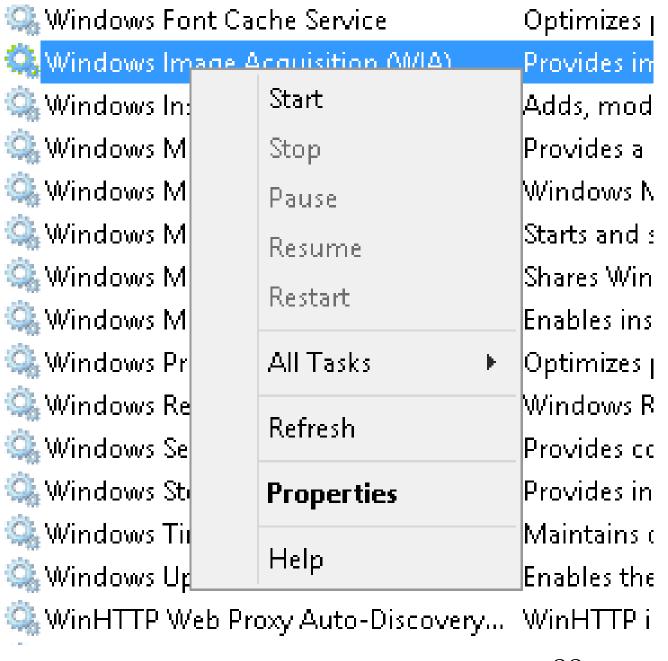


Windows Image Acquisition (WIA)
Windows Installer

Optimizes performance of ... Running Automatic Manual Adds, modifies, and remov... Running Manual

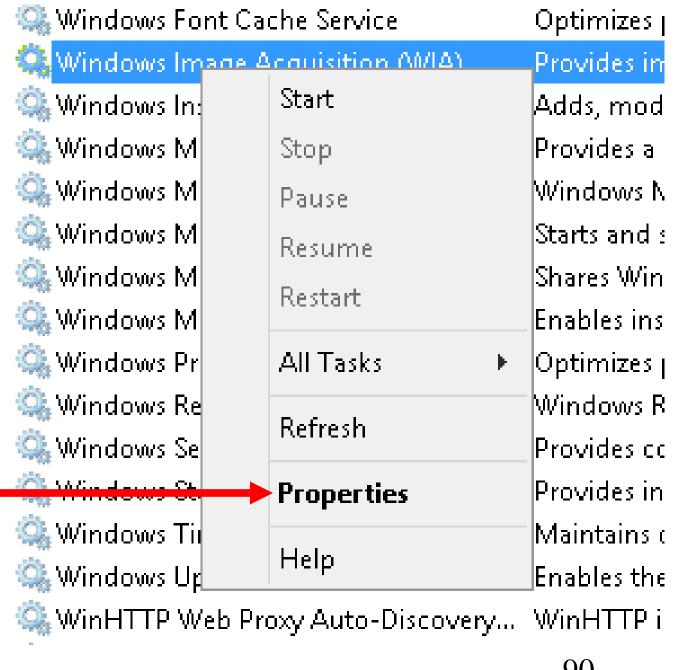
Local Service Local Service Local System

- Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)
- Small Step 312: Use the RIGHT mouse button to click on "Windows Image Acquisition".
- Small Step 313: A pop-up context menu will be displayed:

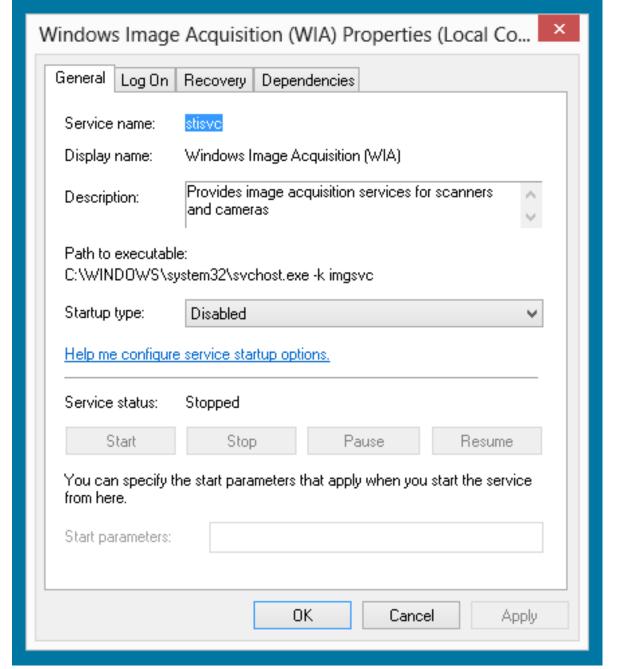


Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)

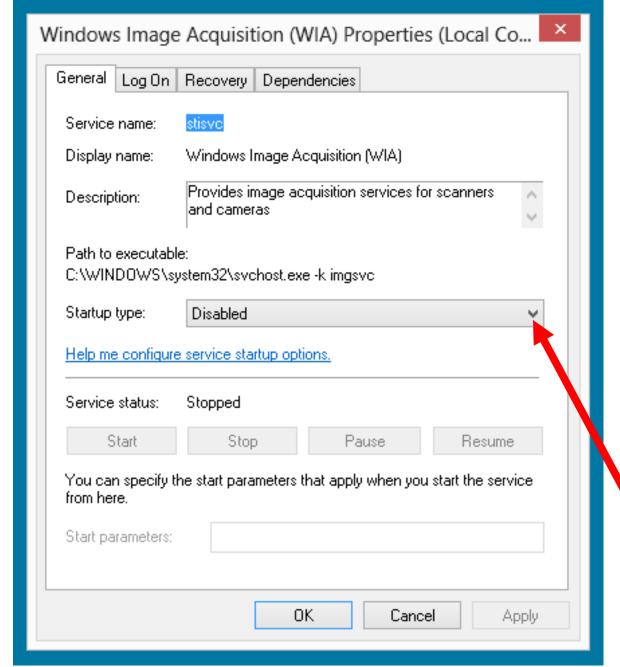
Small Step 313: Click on "Properties" in the pop-up context menu:



Small Step 314: A "Windows Image Acquisition Properties" box will be displayed:



Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued) Small Step 315: Use the drop down list button at the right end of the "Startup type:" field to change the "Startup type" to "Automatic (Delayed Start)":



## Windows Image Acquisition (WIA) Properties (Local Co... General | Log On Recovery Dependencies stisvo Service name: Windows Image Acquisition (WIA) Display name: Provides image acquisition services for scanners Description: and cameras Path to executable: C:\WINDOWS\system32\svchost.exe -k imgsvc Startup type: Disabled Automatic (Delayed Start) Help me configure | Automatic Manual Disabled Service status: Stoppea Start Stop Pause sume You can specify the start parameters that apply when you start the servifrom here. Start parameters: 0K Cancel Apply

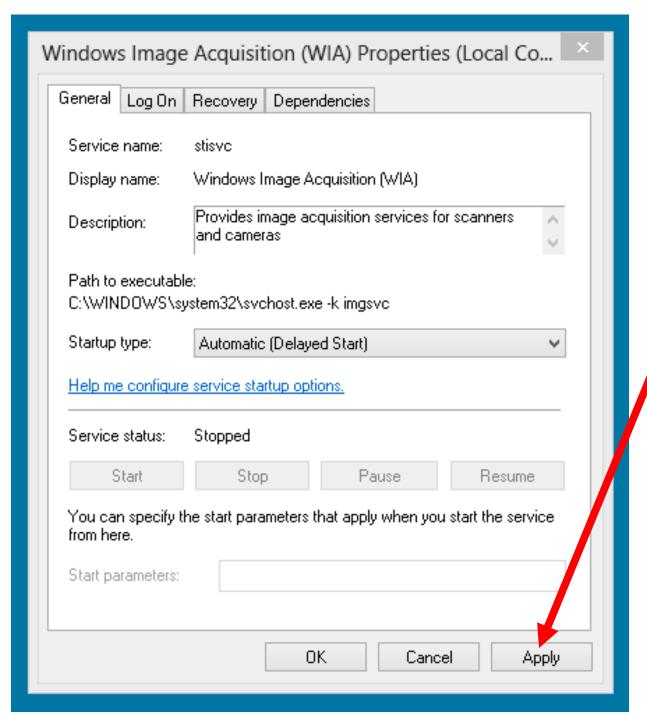
Startup type:

Automatic (Delayed Start)



## Windows Image Acquisition (WIA) Properties (Local Co... General Log On Recovery Dependencies Service name: stisyc Windows Image Acquisition (WIA) Display name: Provides image acquisition services for scanners Description: land cameras Path to executable: C:\WINDOWS\system32\svchost.exe -k imgsvc Startup type: Automatic (Delayed Start) Help me configure service startup options. Service status: Stopped Start Stop Pause Resume You can specify the start parameters that apply when you start the service from here. Start parameters: OK. Cancel Apply.

Small Step 316: Click on the "Apply" button:



Big Step 300: Re-enable and Re-start the "Windows Image Acquisition" (WIA) Service (continued)
Small Step 317: If the service is still shown as "Stopped", click on the "Start" button to start it:

Service status: Stopped

Start Stop Pause Resume



Small Step 318: Click on the "OK" button:

