



# Instructions for Installation

Operating System: Windows 7

Imaging Program: XVCapture version 3.4 (and rebrands)

**Note:** *Windows 7 is no longer a supported Operating System from Microsoft. Support for Windows 7 was discontinued in 2020 and receives no further security updates to the operating system. This in turn, makes Windows 7 a security risk, and is no longer considered to be HIPPA compliant.*

**Files needed:** (files can be found at [www.tuxedoimaging.com](http://www.tuxedoimaging.com) under Support & Downloads)

- Tuxedo A Series Driver
- XVCapture / DCV 3.4

## Drivers

Tuxedo A Series Driver

Windows 10 Patch Installer

Windows Secure Boot Patch

## Plug-ins

XVCapture / DCV 3.5

XVCapture / DCV 3.4

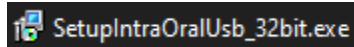
XV 4

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**Step 1:** Ensure that the Tuxedo A Series sensor is **NOT** plugged into the PC.

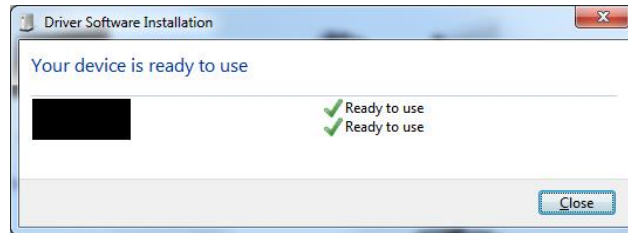


**Step 2:** Install the Tuxedo A Series Driver (*filename seen below*)



*This process may prompt for a restart of the PC, if that happens, restart the PC before moving forward.*

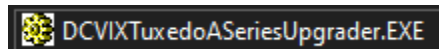
**Step 3:** Plug in the Tuxedo A Series sensor into the computer's USB port directly. You will likely be prompted with a pop-up of Windows searching for the driver software.



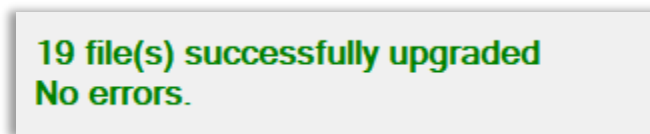
- You will need to wait for both green checkmarks to appear, before you can close this prompt. This process may take several minutes.

**Step 4:** Run XVCapture (or rebrand) as administrator, let the program open, and then close the program with the 'X' in the upper right-hand corner.

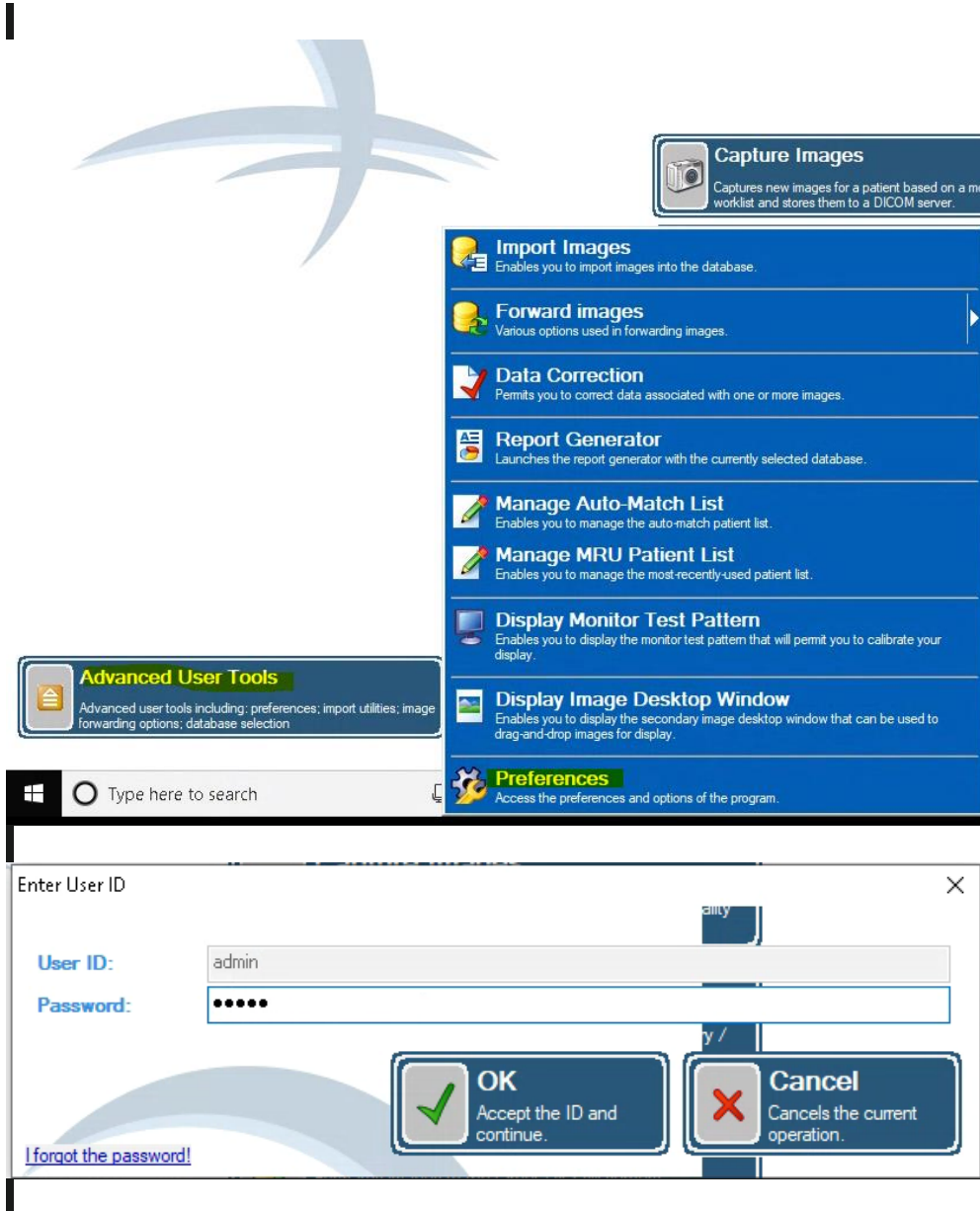
**Step 5:** Install the Tuxedo Upgrader, by running it as Administrator. (*filename seen below*)



- Click "Next" in the installer window until, and "Yes to All" until "Finish" is no longer greyed out.
- Verify there were no errors.



- Click "Finish"
- **Step 5:** Run XVCapture (or rebrand). Go to the XVCapture/DCV main screen and click **Advanced User Tools** in the lower left. Click on **Preferences** and input the default password AKRON.



- Select **Imaging Extensions** down in the blue section on the left and click on the little red arrow (>) next to **Digital X-ray Image Capture**. Click on **TuxedoASeries Digital X-ray**.

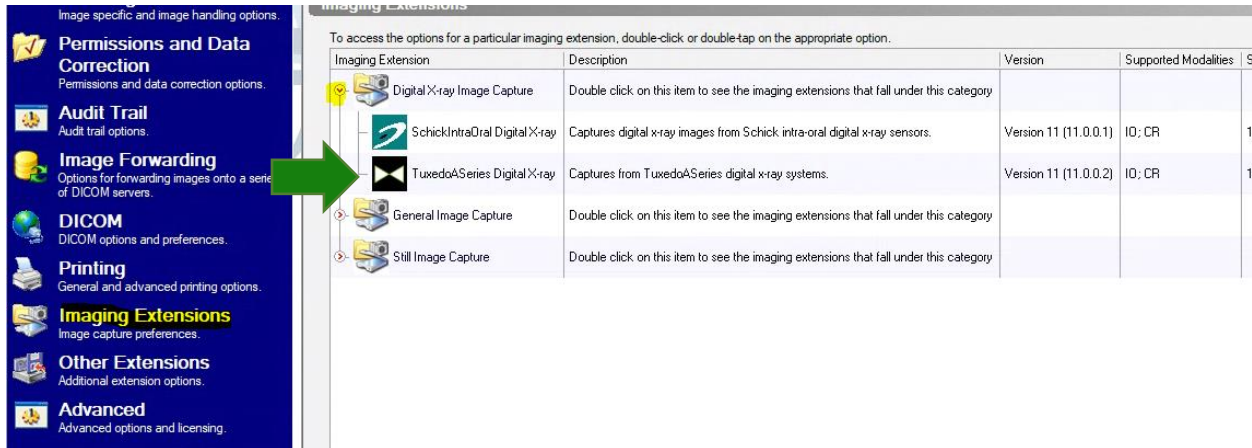


Image specific and image handling options.

- Permissions and Data Correction
- Audit Trail
- Image Forwarding
- DICOM
- Printing
- Imaging Extensions**
- Other Extensions
- Advanced

To access the options for a particular imaging extension, double-click or double-tap on the appropriate option.

Imaging Extension	Description	Version	Supported Modalities	S
Digital X-ray Image Capture	Double click on this item to see the imaging extensions that fall under this category			
SchickIntraOral Digital X-ray	Captures digital x-ray images from Schick intra-oral digital x-ray sensors.	Version 11 (11.0.0.1)	ID; CR	1
TuxedoASeries Digital X-ray	Captures from TuxedoASeries digital x-ray systems.	Version 11 (11.0.0.2)	ID; CR	1
General Image Capture	Double click on this item to see the imaging extensions that fall under this category			
Still Image Capture	Double click on this item to see the imaging extensions that fall under this category			

- Adjust the image quality screen as seen below, and then click on the **Modify Post Capture Filters** to go to the next section.

**Capture Depth**  
16-bit capture

**What type of image processing should be applied to the image?**  
 Apply image filtering

**Modify Post Capture Filters**

Permits you to modify the image filters that are automatically applied to an image after it has been captured.

**What type of Aptyx General Enhancement (AImg.DLL) filters should be applied to the image?**

Enhance Local Contrast (CLAHE) Scale = 5; Clip = 3.80 Edit

Adaptive Normalize Low = 0.002; High = 0.002 Edit

Median Blur Mask Size: 3x3

Sharpen Mask Mask Size: 19x19 Factor: 15

Gauss Blur Mask Size: 3x3

Unsharp Mask Mask Size: 3x3 Factor: 80

**Filters Applied After Image Capture:**

Macro	Modality Restriction	Parameters	Apply To Hardware	Exclude Hardware
Gamma Correction	None	Factor = 0.80	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Double click on the Gamma Correction to adjust the Factor. If there are any other items in the Filters box, right click on each one and use “Delete Selected Filter” to remove it so that only Gamma Correction remains.

**Step 7:** On the left-hand side menu, click **Hardware Settings** and make the adjustments as seen below.

