TUXEDO IMAGING

Instructions for Installation

Operating System: Windows 7

Imaging Program: XVCapture version 3.5 (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 under Support & Downloads)

- Tuxedo A Series Driver
- XVCapture / DCV 3.5

Drivers

Tuxedo A Series Driver

Windows 10 Patch Installer

Windows Secure Boot Patch

Plug-ins

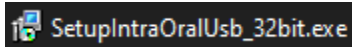XVCapture / DCV 3.5

XVCapture / DCV 3.4

XV 4

TWAIN

Step 1: Ensure that the Tuxedo A Series sensor is **NOT** plugged into the PC.
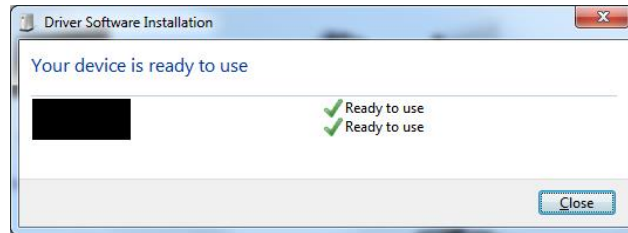
Step 2: Install the Tuxedo A Series Driver (*filename seen below*)

This process may prompt for a restart of the PC, if that happens, restart the PC before moving forward.
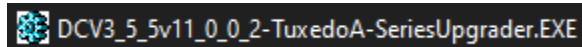
Step 3: Plug in the Tuxedo A Series sensor into the computer's USB port directly. You will likely be prompted with a pop-up of Windows searching for the driver software.
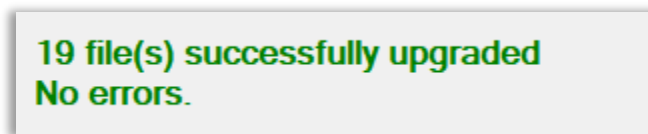

- You will need to wait for both green checkmarks to appear, before you can close this prompt. This process may take several minutes.

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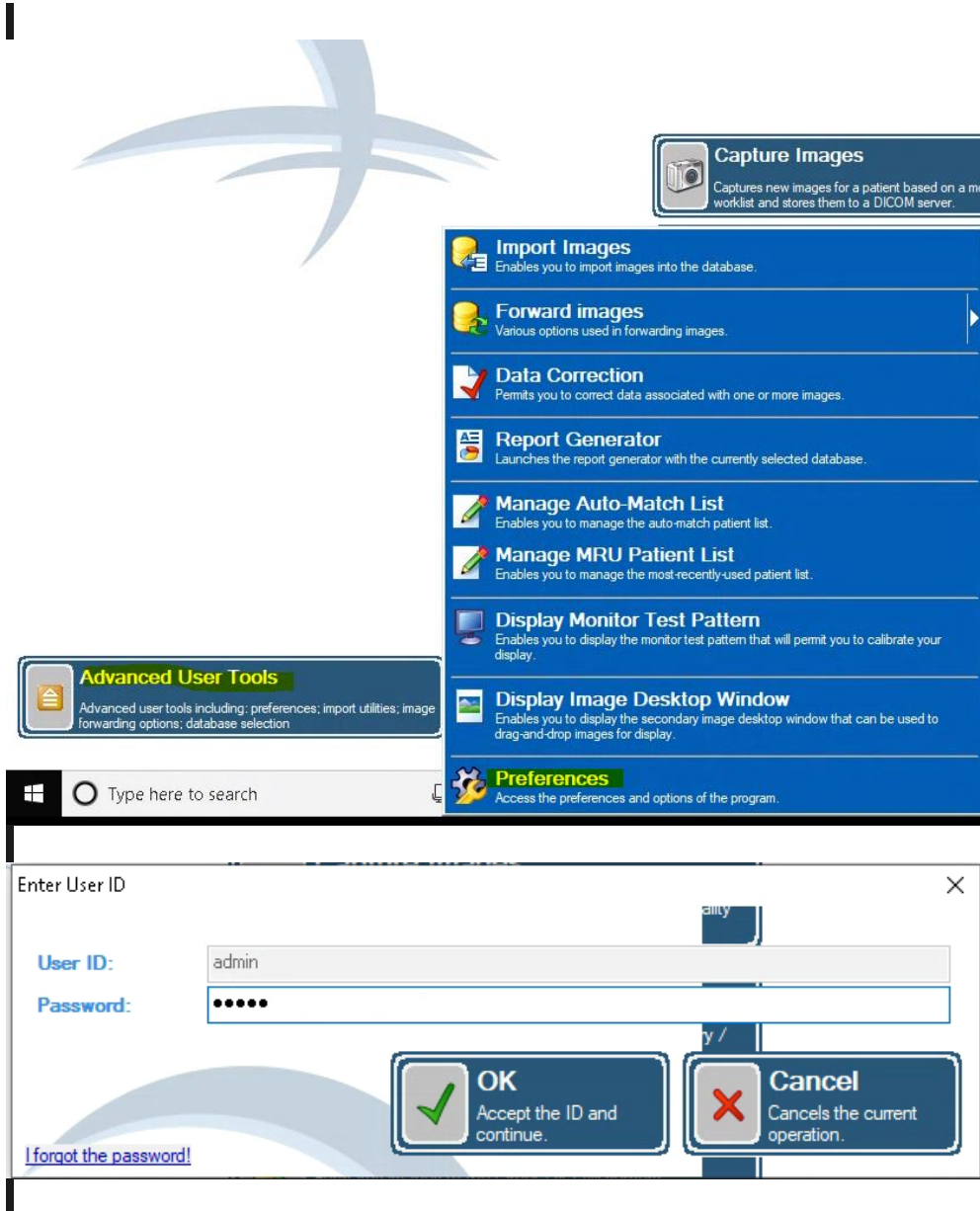
Step 5: Install the Tuxedo Upgrader, by running it as Administrator. (*filename seen below*)

- 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*.

Capture Images
Captures new images for a patient based on a mod[...] worklist and stores them to a DICOM server.

Import Images
Enables you to import images into the database.

Forward images
Various options used in forwarding images.

Data Correction
Permits you to correct data associated with one or more images.

Report Generator
Launches the report generator with the currently selected database.

Manage Auto-Match List
Enables you to manage the auto-match patient list.

Manage MRU Patient List
Enables you to manage the most-recently-used patient list.

Display Monitor Test Pattern
Enables you to display the monitor test pattern that will permit you to calibrate your display.

Display Image Desktop Window
Enables you to display the secondary image desktop window that can be used to drag-and-drop images for display.

Advanced User Tools
Advanced user tools including: preferences; import utilities; image forwarding options; database selection

Preferences
Access the preferences and options of the program.

Type here to search

Enter User ID   ✕

User ID: admin

Password: •••••

OK
Accept the ID and continue.

Cancel
Cancels the current operation.

I forgot the password!

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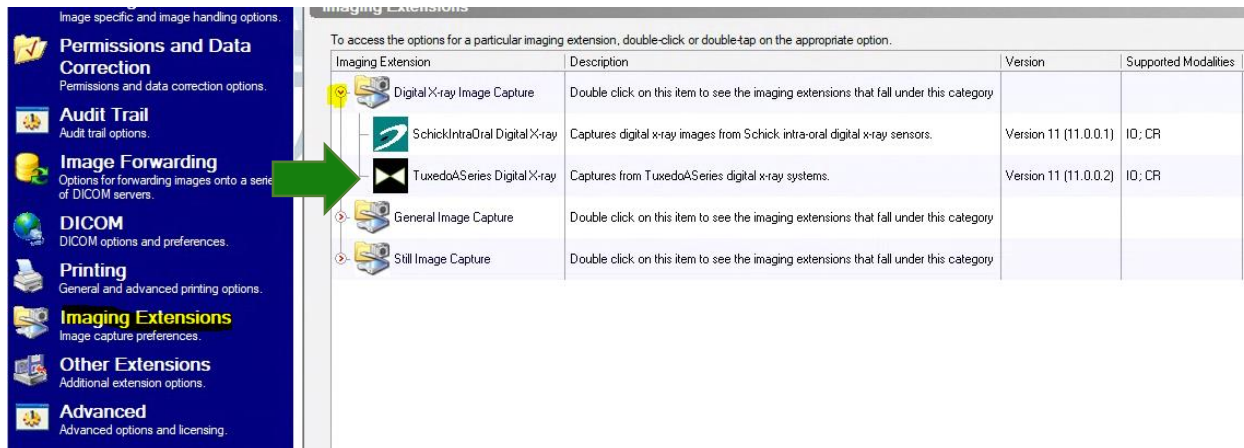
- Adjust the image quality screen as seen below, and <u>then</u> click on the **Modify Post Capture Filters** to go to the next section.

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.

Miscellaneous Hardware Options

☐ Show switch sensor button
☐ Close hardware between each capture
☒ Make corners black
☐ Enable image binning
☐ Enable underexposure detection

☐ Enable logging
☐ Close hardware between each progression
☐ Auto rearm
Hardware Timeout: 300

Xray Detection Options

Detection Mode: XVIS detection
XVIS detection threshold: 250 mV

Acquisition Options

Integration Mode: Max between TWI and X det
Integration Time (ms): 3000
Gain: 1.5
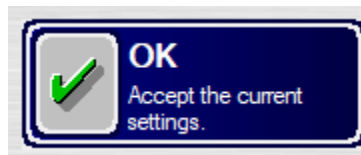
Chain Options

Chain offset: Computed by COC
Manual chain offset (mV): 0

Correction Options

☒ Enable image correction (change will take effect when the hardware is opened next time)

Correction Files Path: ▮▮▮▮▮▮▮▮

Step 8: Press **OK** until you are back to the main screen.

OK
Accept the current settings.

Step 9: To obtain the calibration files for your Tuxedo sensor, please contact Tuxedo Imaging support.