

EVA Drivers 6.1 and TWAIN Installation Guide for EVA Classic Digital Sensors

Note: This guide is relevant only to customers looking to connect an EVA Classic digital sensor to dental imaging software other than EVAsoft (i.e., ProImage or other third party software)

The EVA Drivers 6.1 will work on these operating systems ONLY:

- Windows XP 32-bit
- Windows Vista 32-bit
- Windows 7 32-bit and 64-bit
- Windows 8 32-bit and 64-bit (NOTE: ProImage software is NOT supported for Windows 8)

It is very important to follow the correct order when installing the new drivers.

For ProImage users, always install ProImage digital imaging software first and then install the EVA drivers 6.1. This is due to the fact that previous versions of ProImage also install drivers and can overwrite the correct files. If at any time you re-install ProImage, always re-install the EVA drivers 6.1 as well. It is not necessary to upgrade or re-install ProImage when upgrading the EVA drivers. The new EVA drivers 6.1 are backward compatible and will function correctly with previous versions of ProImage.

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New Installations of the EVA Drivers 6.1

Follow these steps after you have installed ProImage or a software package other than EVASoft that you will be using to capture x-rays with an EVA Classic sensor.

- On Window XP, please login to the computer as the Administrator On Windows Vista, please turn off the "User Account Control" On Windows 7 or 8, please lower the User Account Control settings to "Never Notify"
- 2. Disconnect all EVA sensors
- 3. Insert the USB Hardware and TWAIN Drivers Installation CD
- 4. The following "Welcome Screen" dialog will open

Welcome Screen	
	Open Installation Instructions
(P)/(-)	Install EVA Drivers
	Install EVA Twain
Please call Technical Support if you need assistance (914) 592-6100.	Close

- 5. Click on the "Install EVA Drivers" button
- 6. The following "Device Driver Installation Wizard" window will open

Device Driver Installation Wizard		
Welcome to the Device Driver Installation Wizard! This wizard helps you install the software drivers that some computers devices need in order to work. To continue, click Next.		
< <u>B</u> ack <u>N</u> ext > Cancel		

- 7. Click Next
- 8. If the following window opens, click "Continue Anyway"

Hardwa	re Installation
<u>.</u>	The software you are installing for this hardware: AFP Imaging SAR3K-USB Driver (sar3kusb.sys) has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

9. The following window will then appear:

Device Driver Installation Wizard		
	Completing the Device Driver Installation Wizard	
	The drivers were successfully in	stalled on this computer.
	You can now connect your device to this computer. If your device came with instructions, please read them first.	
	Driver Name	Status
	✓ AFP Imaging (sar3kldr) I	Ready to use
< <u>B</u> ack Finish Cancel		

- 10. Click "Finish"
- 11. Connect the EVA sensor to the USB port on the computer
- 12. If the "Found New Hardware Wizard" does NOT appear, skip to step 20

13. If the "Found New Hardware Wizard" opens, follow these steps:



14. Select "No, not this time" and click "Next"

Found New Hardware Wiza	rd
	This wizard helps you install software for: AFP Imaging SAR3K-USB Device If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do?
	 Install from a list or specific location (Advanced) Click Next to continue.
	< <u>B</u> ack <u>N</u> ext > Cancel

15. Click "Next"

Hardwa	re Installation
<u>.</u>	The software you are installing for this hardware: AFP Imaging SAR3K-USB Device has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

16. Choose "Continue Anyway"

Found New Hardware Wizard		
Please wait while the wizard installs the software		
AFP Imaging SAR3K-USB Device		
Setting a system restore point and backing up old files in case your system needs to be restored in the future.		
< <u>B</u> ack <u>N</u> ext > Car	icel	

17. When finished, the following message will appear:



- 18. Click "Finish" to complete the installation
- 19. If prompted to restart the computer, select "Restart now"
- 20. Verify that a message is displayed stating that the device was installed properly, and is ready to use



Example of Windows 7 message

- 21. Open ProImage or other software package
- 22. Capture test x-rays

Upgrading the EVA Drivers

On a PC with the previous version of the EVA drivers installed, follow the steps below:

- On Window XP, please login to the computer as the Administrator
 On Windows Vista, please turn off the "User Account Control"
 On Windows 7 or 8, please lower the User Account Control settings to "Never Notify"
- 2. Disconnect all EVA sensors
- 3. First start by un-installing the OLD version of the EVA drivers:
 - a. Insert the USB Hardware and TWAIN Drivers Installation CD for the OLD version of the drivers
 - b. Select "Remove" from the Install Wizard
 - c. Restart the computer
- 4. Secondly, install the EVA Drivers version 6.1:
 - d. Insert the NEW USB Hardware and TWAIN Drivers Installation CD version 6.1
 - e. Follow the directions for New Installations of the EVA Drivers 6.1 beginning on Page 2

EVA TWAIN Installation

Follow these steps to install both the EVA Drivers and the EVA TWAIN Drivers:

- 1. Insert the USB Hardware and TWAIN Drivers Installation CD
- 2. The following "Welcome Screen" dialog will open

Welcome Screen	
	Open Installation Instructions
(P)/c	Install EVA Drivers
	Install EVA Twain
Please call Technical Support if you need assistance (914) 592-6100.	Close

- 3. Click on the "Install EVA TWAIN" button
- 4. The following "Device Driver Installation Wizard" window will open

Device Driver Installation Wizard		
	Welcome to the Device Driver Installation Wizard! This wizard helps you install the software drivers that some computers devices need in order to work.	
	< <u>B</u> ack <u>Next</u> > Cancel	

- 5. Click Next
- 6. If the following window opens, click "Continue Anyway"

Hardwa	re Installation
<u>.</u>	The software you are installing for this hardware: AFP Imaging SAR3K-USB Driver (sar3kusb.sys) has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

7. The following window will then appear:

Device Driver Installation Wizard		
	Completing the Device Driver Installation Wizard	
	The drivers were successfully in	stalled on this computer.
	You can now connect your device to this computer. If your device came with instructions, please read them first.	
	Driver Name	Status
	✓ AFP Imaging (sar3kldr) I	Ready to use
< <u>B</u> ack Finish Cancel		

8. Click "Finish"

9. The following window will then open automatically



10. Click "Next"

🥵 EVA TWAIN Driver - InstallShield Wizard	X
Customer Information	
Please enter your information.	
User Name:	
Organization:	
Install this application for:	
Anyone who uses this computer (all users)	
Only for <u>m</u> e (Elena daSilva)	
InstallShield	xt > Cancel

11. Enter you user information and click "Next"

🛃 EVA TWAIN Driver - InstallShield Wizard	×
Destination Folder Click Next to install to this folder, or click Change to install to a different folder.	
Install EVA TWAIN Driver to: C:\Program Files\AFP Imaging\EVA TWAIN Driver\ <u>Change</u>	
InstallShield	

12. Click "Next"

😰 EVA TWAIN Driver - InstallShield Wizard	×
Ready to Install the Program The wizard is ready to begin installation.	
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. Current Settings:	
Setup Type: Typical	
Destination Folder: C:\Program Files\AFP Imaging\EVA TWAIN Driver\	
User Information: Name: Company:	
InstallShield	

13. Click "Install"

🕏 EVA TWAIN Driver - InstallShield Wizard 🛛 🛛 🔀	
	InstallShield Wizard Completed
	The InstallShield Wizard has successfully installed EVA TWAIN Driver. Click Finish to exit the wizard.
	< <u>B</u> ack <u>Einish</u> Cancel

14. Click "Finish"

eva Select Language	
Select Language	C SPANISH
С <u>р</u> итсн	C <u>G</u> ERMAN
C ERENCH	C PORTUGUESE
C <u>I</u> TALIAN	
SA⊻E SE	TTINGS

15. Select a language and click "Save Settings"

eva twain driver	
You must restart your system. if you plan to r	Click OK to restart or Cancel estart later
OK	Cancel

16. Click "OK" to restart the computer

17. The following message may appear when the computer restarts, click OK

EVA APP
An error o
An error o

- 18. Connect the EVA sensor to the USB port on the computer
- 19. If the "Found New Hardware Wizard" opens, please go to step 13, on Page 4
- 20. Verify that a message is displayed stating that the device was installed properly, and is ready to use



Example of Windows 7 message

- 21. Right-click on the icon in your system tray (lower right-hand corner of the screen). Select "Activate Sensor"
- 22. Verify that the icon changes to:
- 23. You are now ready to capture x-rays

Using the EVA TWAIN Application

General Use:

- A Small EVA TWAIN icon will appear in the system tray at the bottom of the screen
- If the EVA sensor is not connected to the computer, the following EVA TWAIN icon will appear:



- To proceed, plug the EVA sensor to the USB port of the computer, right click on the EVA TWAIN icon and choose
 "Activate Sensor". Then, the EVA TWAIN icon will be replaced by:
- In case an error occurs while EVA is connected, the following icon will appear:

Capturing Images:

- When capturing images with the EVA sensor, the following "EVA Images" blinking icon will also appear in the system tray (in addition to the EVA TWAIN icon):
- Left click on the "EVA Images" icon in order to view the captured images. All the captured images will appear in a viewing window. As new images are being captured, they will be added continuously in this window

Please note the following system limitation: The EVA TWAIN software will only keep up to 64 images in memory. It is recommended that the images be downloaded to the main imaging application after each patient's full x-ray session.

Please also note that directions for using the TWAIN device from a software application other than ProImage or EVASoft should be provided from that software application manufacturer. In most cases, there is an option to import images from the TWAIN devices available on the system.

Disconnecting EVA: If you wish to disconnect the EVA sensor, left click on the EVA TWAIN icon and choose "Remove Sensor". Then, unplug the EVA sensor.

<u>Reconnecting EVA</u>: If you wish to reconnect the EVA sensor, plug the EVA sensor into the computer via the USB port. Wait until the green light shows up in the EVA sensor docking station. Then, right click on the EVA TWAIN icon and choose "Activate Sensor".

Reconnecting after a sudden disconnect: If an EVA sensor has been disconnected and reconnected without clicking on "Remove Sensor" first, please left click on the EVA TWAIN icon and choose "Remove Sensor". Unplug the EVA sensor. Plug the EVA sensor back in and wait until the green light shows up in the EVA sensor docking station. Then, right click on the EVA TWAIN icon and choose "Activate Sensor".