U2040 XA-Series Power Sensor Firmware Upgrade Process

Updated March 2018

KEYSIGHT
TECHNOLOGIES

Hardware/Software Requirements

- The current hardware requirements for this firmware upgrade are:

  (a) A PC running Windows 2000®, Windows XP® or Windows 7®

  (b) An USB 2.0 interface (or LAN connection for U2049XA).

- The current software requirements for this firmware upgrade are:

  (a) A VISA library (e.g. Agilent IO Libraries).

  (b) The U2040 XA-Series Firmware Files for your power sensor.

  (c) The U2040 XA-Series Firmware Upgrade Application (FwUpdateApp.exe).

Note: This procedure has not been tested on other versions of Windows.

KEYSIGHT
TECHNOLOGIES

Obtaining The Software

- The latest version of the Keysight IO Libraries can be obtained from the following link:
  Keysight IO Libraries

- The U2040 XA-Series Firmware Upgrade Application and firmware can be obtained from the following link:
  www.keysight.com/find/pm_firmware

- Save the file to PC hard drive

- Note: This is a WinZip® executable file that must be unpacked before use.

- The U2040 XA-series Firmware Upgrade Application is included in the WinZip® executable file ("/util/FwUpdateApp.exe")

KEYSIGHT
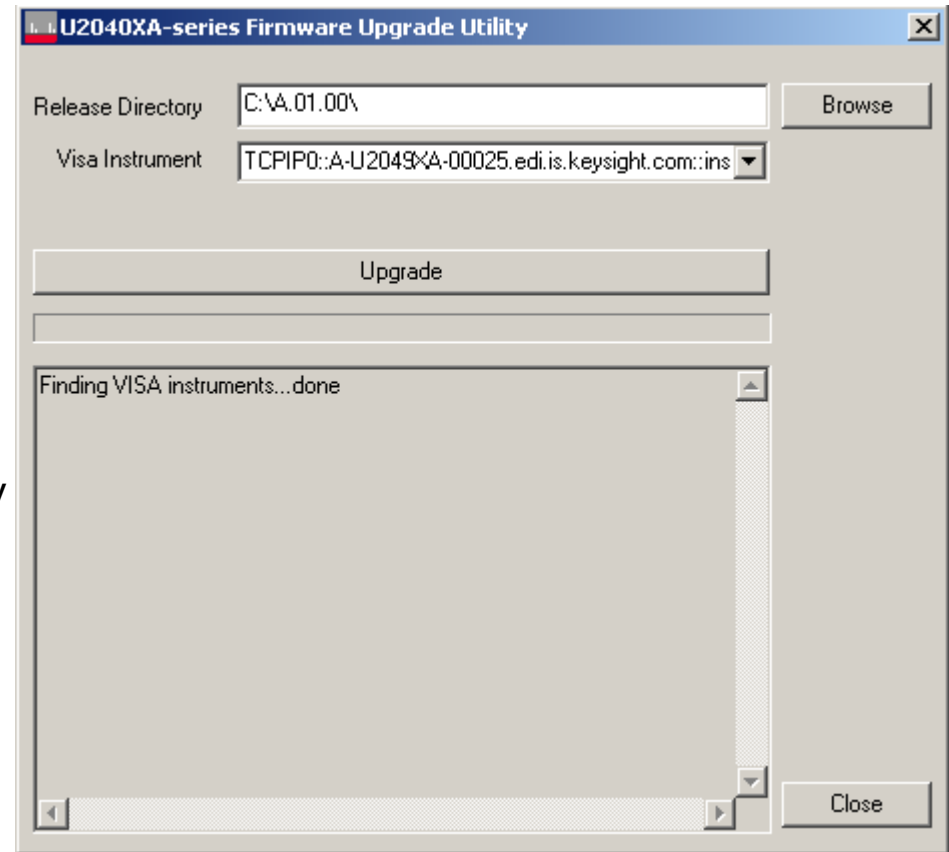TECHNOLOGIES

Firmware Upgrade Process

Step 1:

In 'util' folder, run the 'FwUpdateApp.exe' application. This does not need to be installed – simply double-click on the file to run it.

Step 2:

Click on the 'Browse' button next to 'Release Directory', and select the directory in which the firmware files reside.

Step 3:

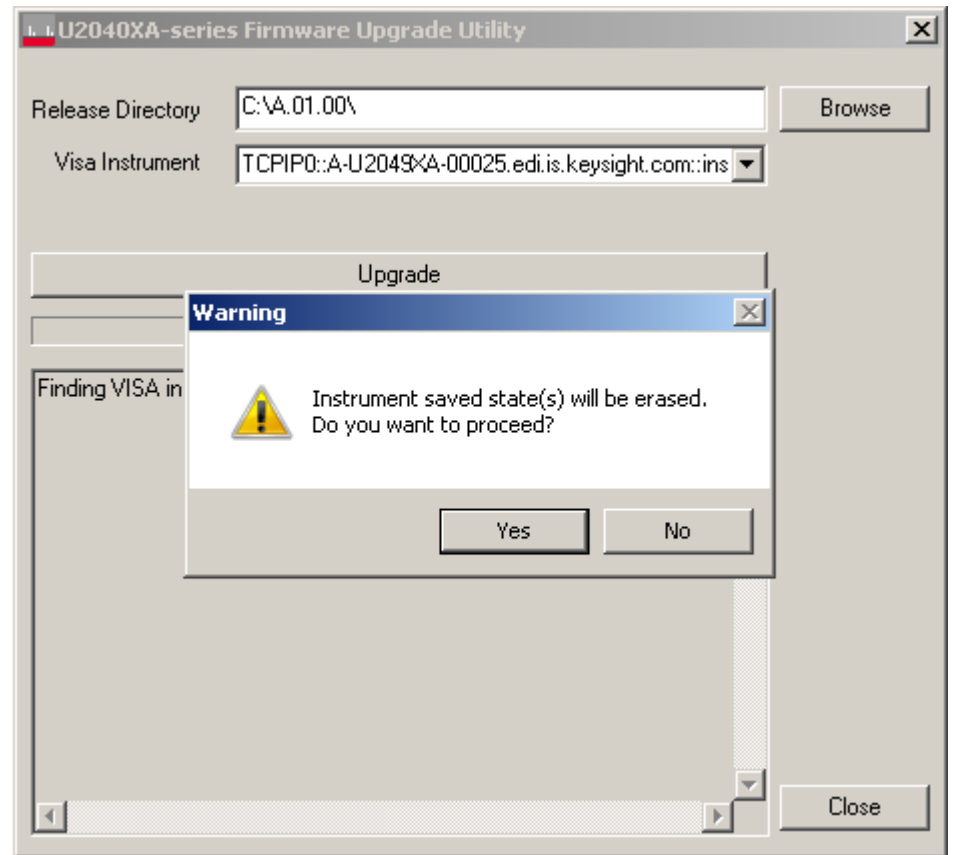Click on the drop-down arrow next to 'VISA Instrument', and select the unit to be upgraded.

Note: Make sure the U2040 X-Series power sensor is connected to the USB port (or LAN connection for U2049XA) and detected by IO Libraries.

U2040XA-series Firmware Upgrade Utility

Release Directory C:\A.01.00\   Browse

Visa Instrument TCPIP0::A-U2049XA-00025.edi.is.keysight.com::ins

Upgrade

Finding VISA instruments...done

Close

Firmware Upgrade Process

Step 4:

Click on the 'Upgrade' button.

Click 'Yes' on the warning pop-up when
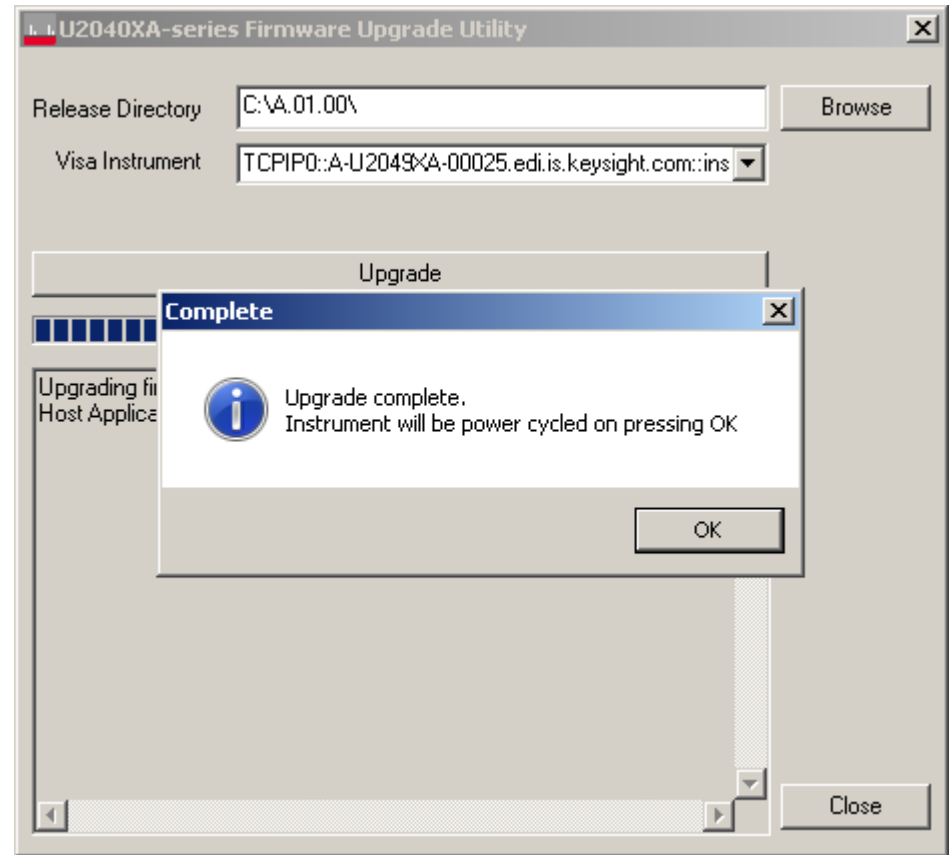
asked about instrument saved states.

Firmware Upgrade Process

Step 5:

Click 'OK' on the pop-up that appears

when the upgrade is complete.

The power sensor will take less than

3 minutes to complete the upgrade.

Now, the power sensor will

automatically execute a power cycle.

You have successfully upgrade the new firmware!