

Installing XiUsb

December 14, 2011

(For both 32 and 64-bit Windows)

Overview

With version 9 of the Navigator we are releasing new drivers that are compatible with 32-bit and 64-bit Windows. The installation method is different than it was with previous versions of the Navigator. Please read this document for details on how to properly install the drivers.

Quick Start

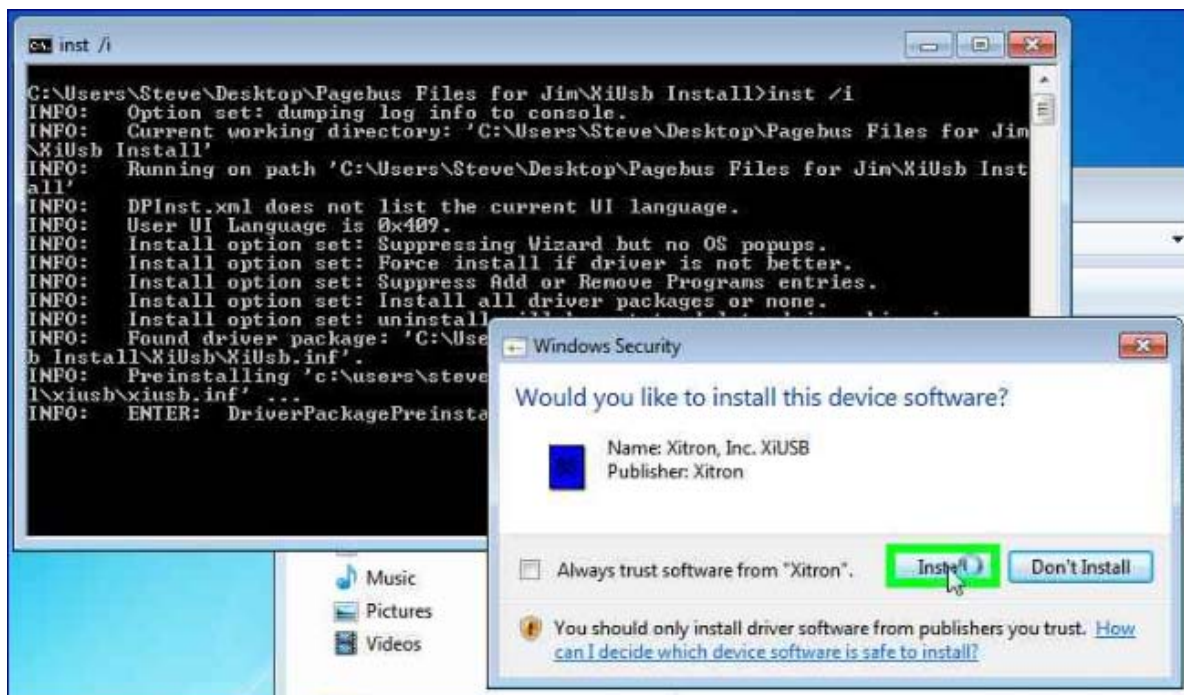
1. From the "Inf\XiUsb Install" folder on the DVD, double click "install.bat".
You'll be prompted to accept the digitally signed driver from Xitron. You should say yes.
There is a pause at the end in case the messages need to be ready. Otherwise hit the "any" key.
2. Plug in the Xitron USB Blue Box.

More Details

Installation

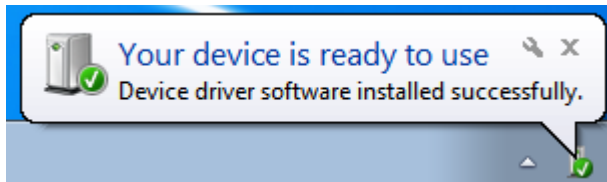
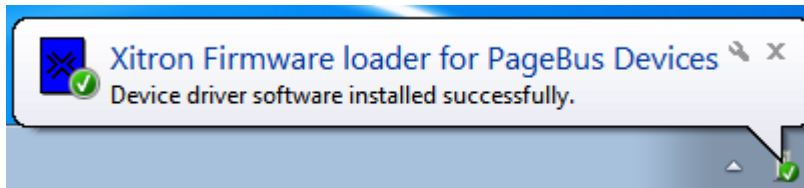
Running install.bat

Currently this is the method of installing the drive. This is a two step process. The first part copies the driver, its files and its .inf and .cat files into what's known as the Driver Store in Windows. The second step installs the actual driver and starts it as a result of a Plug and Play event --insertion of the USB cable in this case.

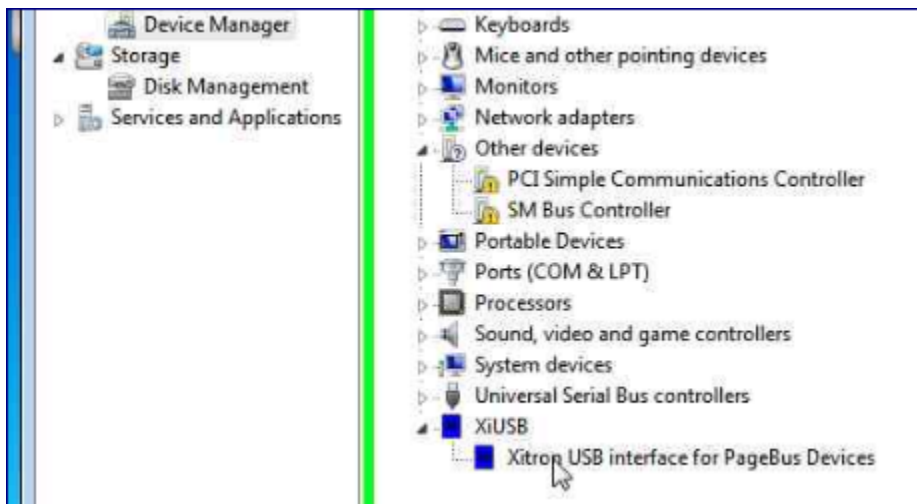


Plug in the USB Blue Box

Attach the USB Blue Box in and you'll see the notifications in the tray area that the device has been discovered and the drivers installed.



You can check Device Manager for confirmation that the drivers are installed correctly once the box is plugged in.



Double check with PB2Diag

Start version 9 of PB2Diag and confirm that it can talk, through the new drivers, to USB Blue Box.

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Pb2Diag - Xitron Diagnostic Application
File View Utilities PCI USB Help

pb2diag.exe - version 9.0.0.0
Processor Architecture: 64-bit CPU in WOW64(32-bit) mode
OS 6.1 SP1.0 (Build 7601) Locale:ENU (Windows 7)
Error opening key 0x2
Arbor driver is not loaded
ArborSE driver is not loaded
No SCSI printers found on system
JungleUSB driver is not loaded
Xidll.dll - version 1.0.1.1
XiUSB - Device detected: ArborUSB for Pagebus, running firmware version 2.11
----- Xitron32.ini Settings -----
Debug Level: 255 (0x100)
Ignore Right Margin: True
Ignore Bottom Margin: True
Disable Clipping: False
Log To Disk: True
Opening device session for 'Xi ArborUSB for Pagebus'
Copyright Xitron, Inc. 2010. All Rights Reserved.
Xitron USB PAGEBUS Firmware Version: 2.11b
Renumerate as the actual device. PID: 0x0007
The USB box will disconnect and reconnect

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And More Details

The files firmware scripts (.spt) have been renamed for use with this new driver. Before they were named Xitron<device_name>USB.spt. Now they have the form XiUsb_<device_name>.spt.

This installation package is digitally signed using a signing certificate from VeriSign. This means that Windows can confirm that the contents have not been altered. This is a requirement in the 64-bit versions of Windows starting with Server 2008 R2 (and subsequently, Windows 7). You should not get the red box that says "Windows can't verify the publisher of this driver software" you should not continue. Contact us.

This set of drivers works on both 64-bit Windows (x64) and 32-bit Windows (x86). Supported operating systems are Windows XP SP3 (32-bit), Windows Server 2008 R2 (x64) and Windows 7 Professional both 32 and 64-bit.

The file versions of importance, or that may change, are:

File	Version
Xdll32i.dll	9.0.0.1
PB2Diag.exe	9.0.0.1
XiUsb.inf	2.1
XiLoad.sys	3.4.4.0
XiUsb.dll	1.0.1.1
XiUsbClassInst.dll	1.0.1.1