8PI Control Panel

Software Installation Guide

Byte Paradigm – info@byteparadigm.com

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References

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History

| Version	Date	Description
1.00	24/08/11	Initial revision

# 1   Installing 8PI Control Panel

1.1   System requirements

- PC installed with Microsoft Windows XP, Windows VISTA or Windows 7 - 32-bit or 64-bit versions.
- 100 MB of free space.
- One free USB 2.0 port.

1.2   Installation Wizard

- Download 8PI Control Panel from http://www.byteparadigm.com/download-16.html
- If a previous version of 8PI Control Panel was installed, it is better to uninstall it. For this, go to Start Menu and locate your 8PI Control Panel menu:
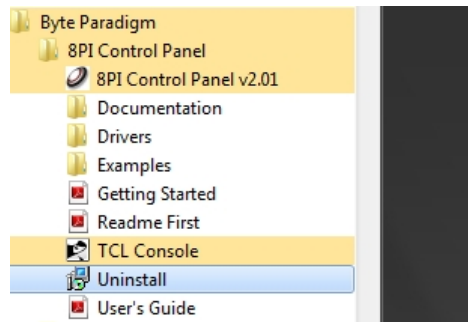

- Double-click on archive to start the installation wizard.
- At the wizard welcome screen, click on **Next>**
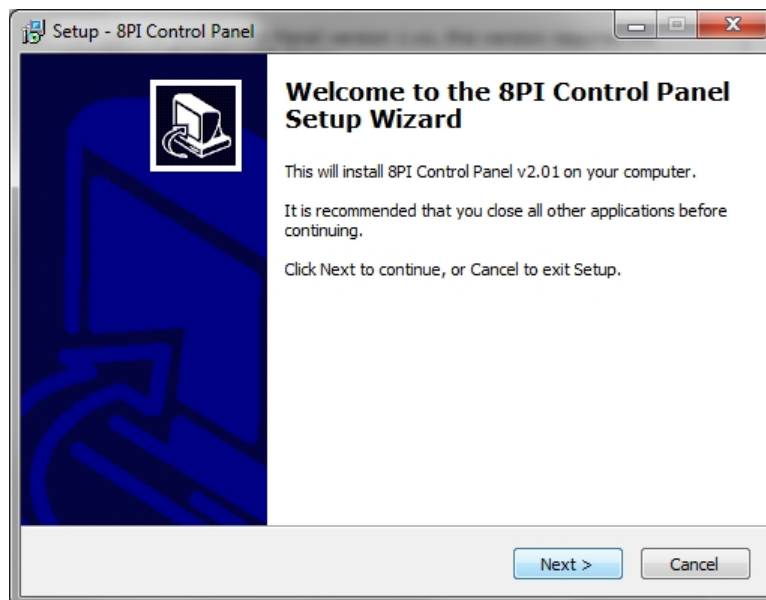
– The next screen lets you choose the destination directory on your PC hard drive. Default is: **'c:\Program Files\Byte Paradigm'**.
Select the destination directory and click on **Next>**
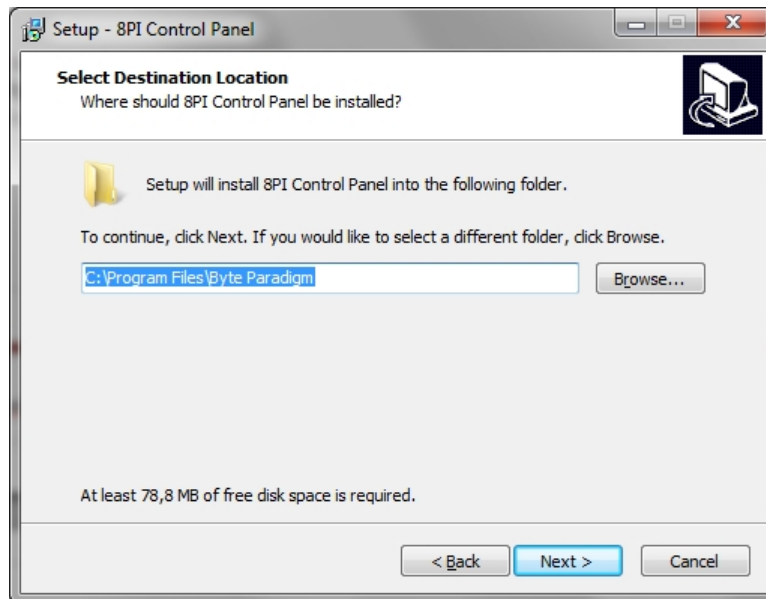
– The next screen lets you choose the 'Start Menu' folder where the 8PI Control Panel shortcuts will be installed. The folder **'Byte Paradigm'** is chosen by default.
Select the destination folder and click on **Next>**
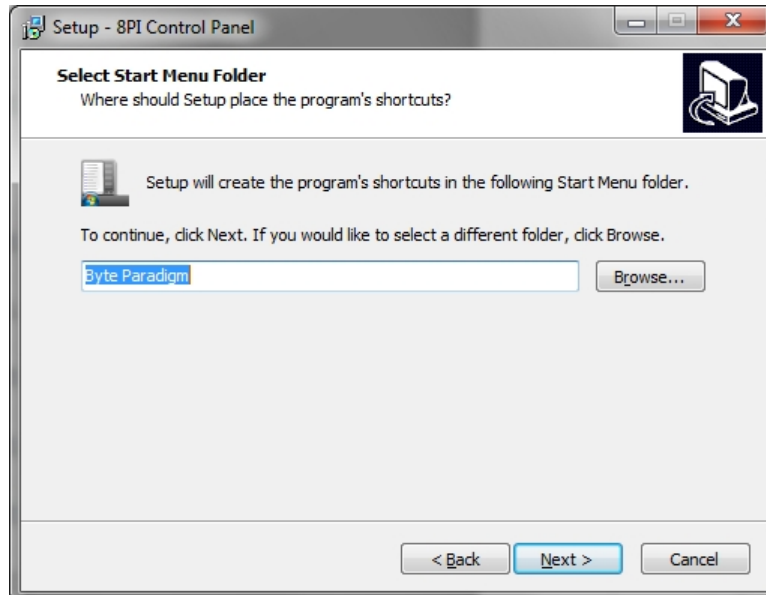
– Finally, click in **'Install'** at the **'Ready to install'** screen.
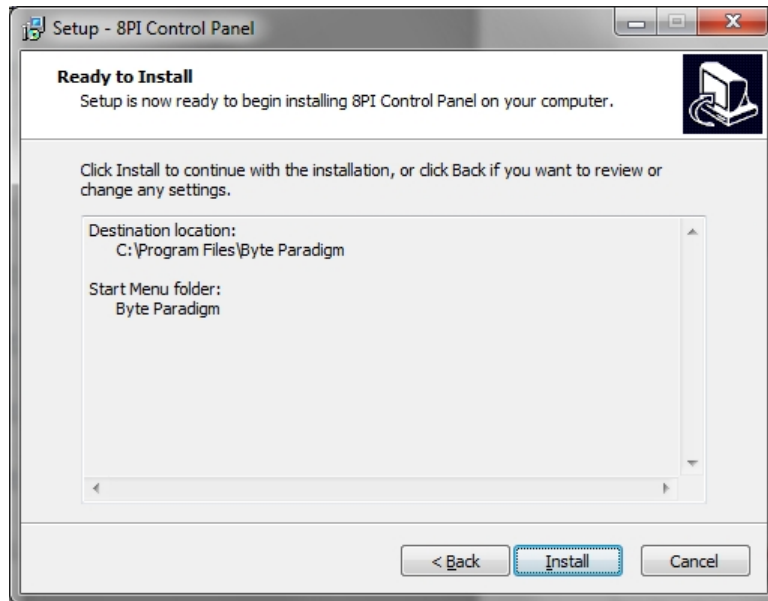
- Once setup is complete, the final screen pops up. Click on **'Finish'** to finish the software installation.
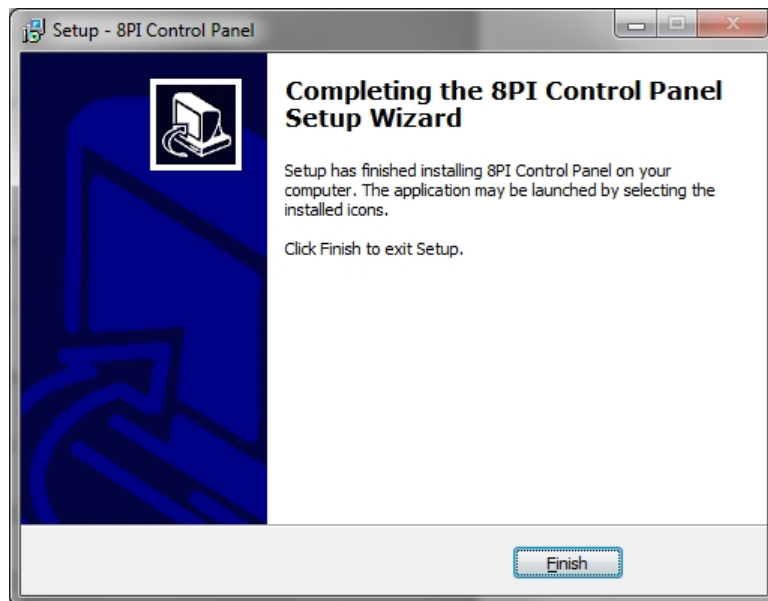
1.3   Installing the USB driver

1.3.1   Default procedure

– Connect your GP or Xpress series device to one free USB port of your PC with the provided cable.
– When prompted, locate and install the USB driver:
  – 32-bit operating system, the driver is located in: <Installation root>\8PIControlPanel\drivers\x86
  – 64-bit operating system, the driver is located in: <Installation root>\8PIControlPanel\drivers\x64
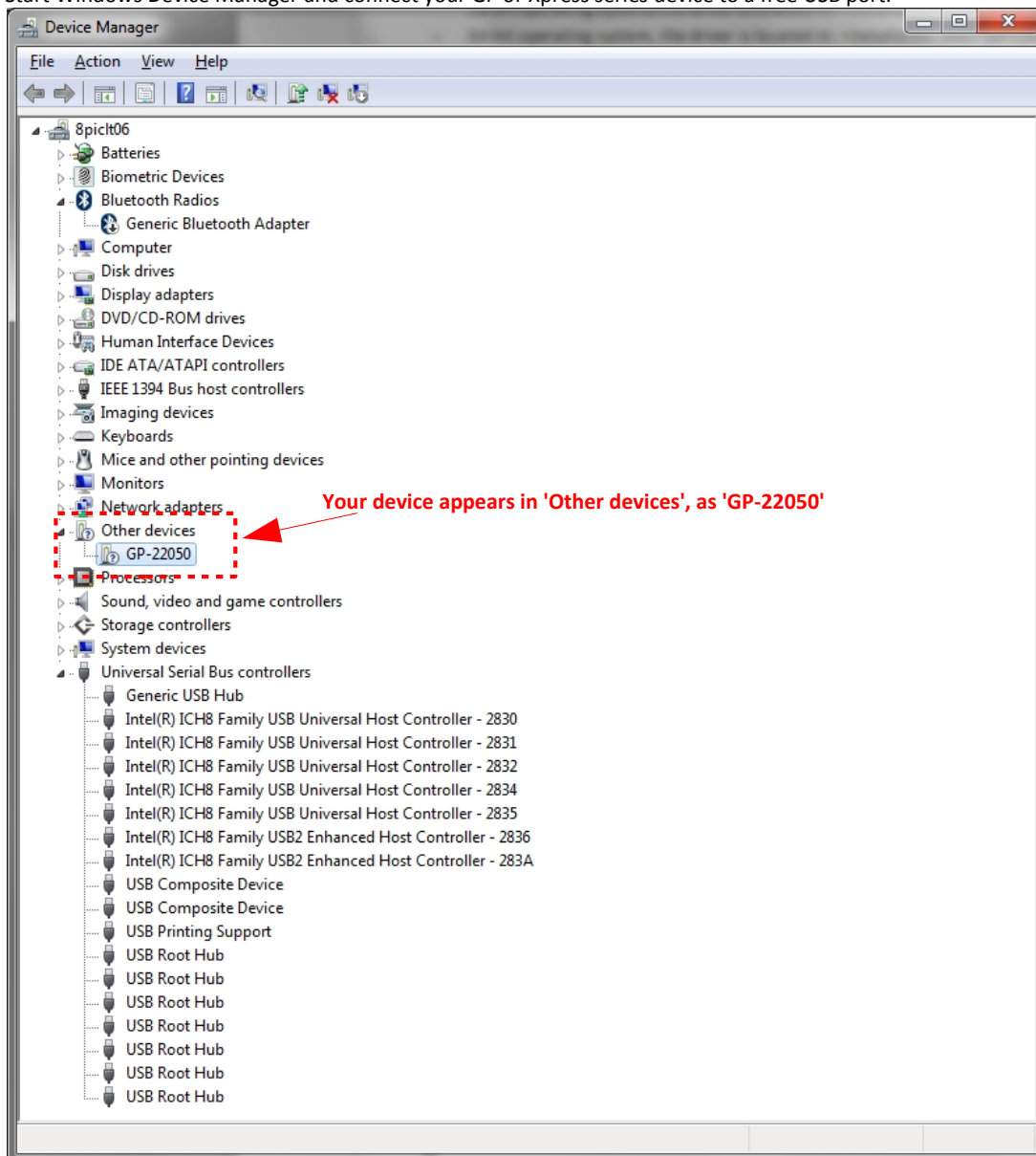
1.3.2   Install driver manually

In some cases, it might be that Windows does not prompt for driver installation when you plug your GP or Xpress Series device.
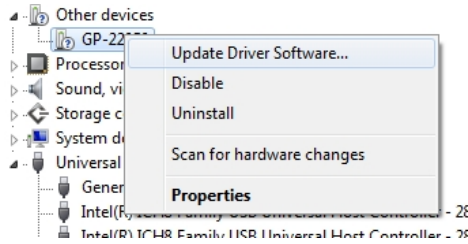
1.3.2.1   Installing driver in Windows 7
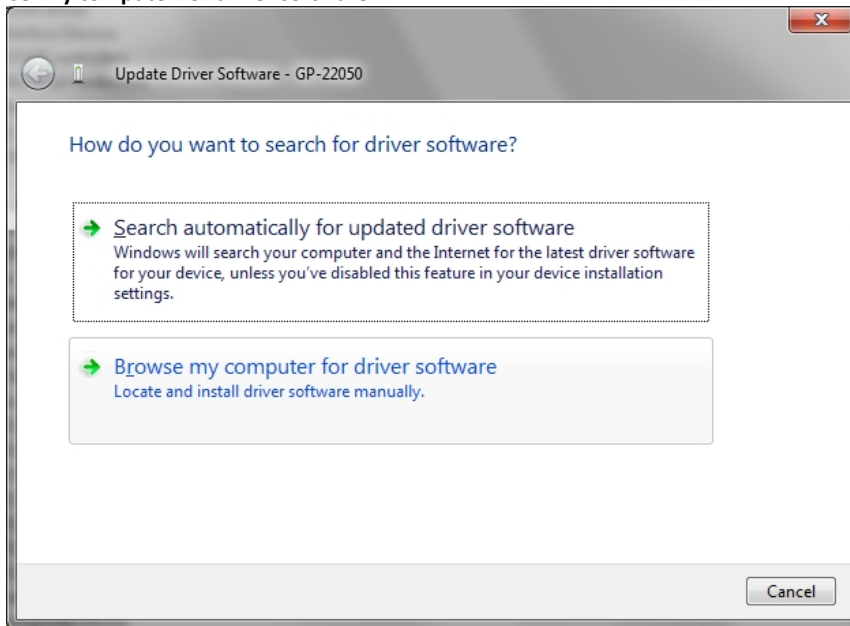
Here is how to install the driver manually:

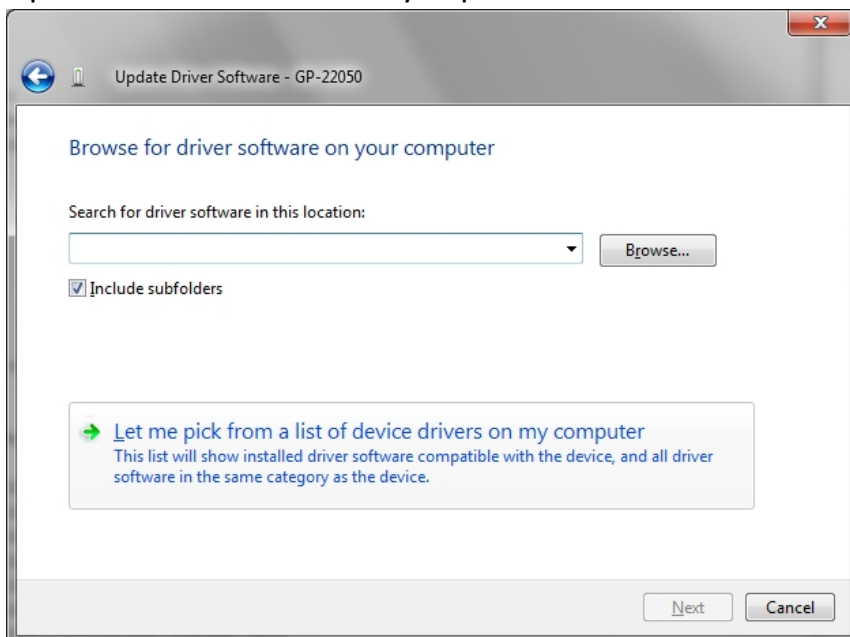– Start Windows Device Manager and connect your GP or Xpress series device to a free USB port.

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– Right click on **'GP-22050'** and click on **'Update Driver Software...'**
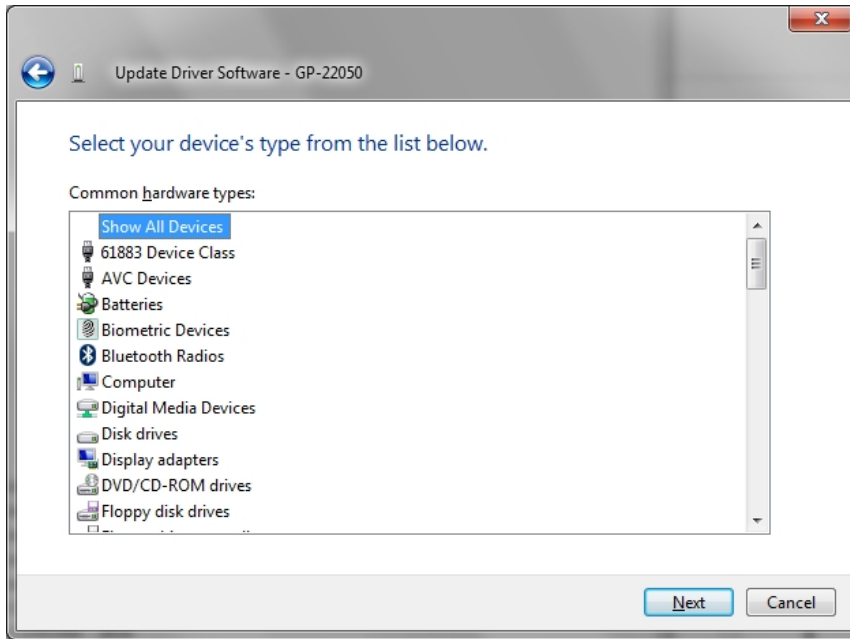

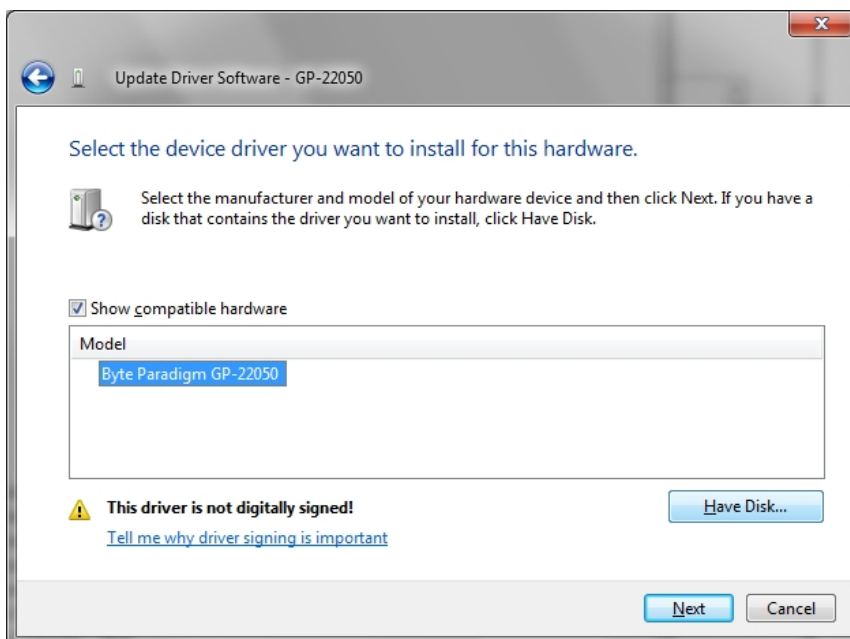– Select **'Browse my computer for driver software'**

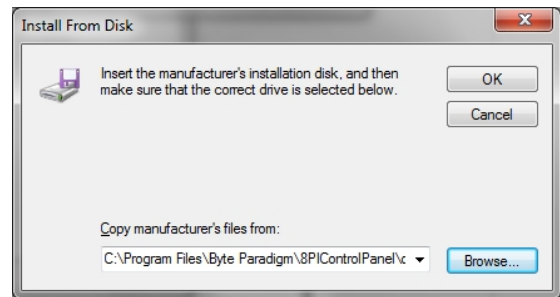– Select **'Let me pick from a list of device drivers on my computer'** and click on **'Next'**.
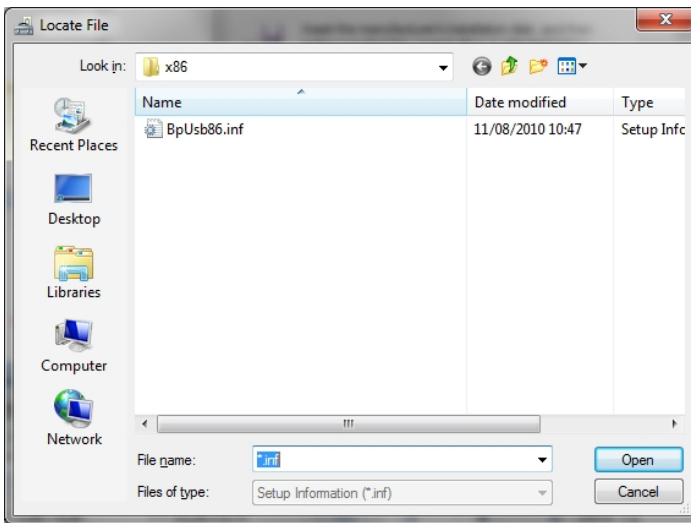
– Click on **'Next'**

– Click on **'Have Disk...'**

– Browse to the driver location and select the .inf file in this directory, then click on 'Open':
  – 32-bit operating system, the driver is located in: **<Installation root>\8PIControlPanel\drivers\x86**
  – 64-bit operating system, the driver is located in: **<Installation root>\8PIControlPanel\drivers\x64**

– Click on **'OK'.**
– At the next screen, select the driver and click on **'Next'.**
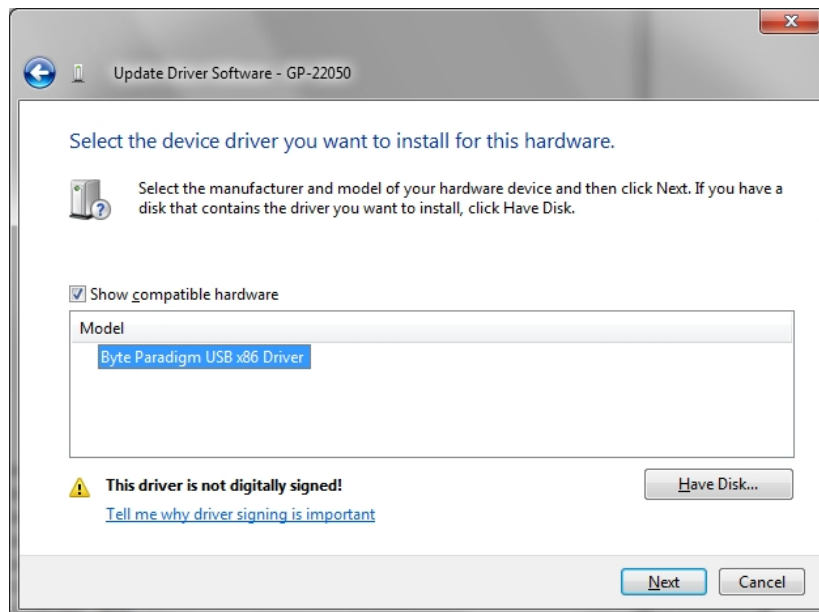
– A warning appears. Click on **'Install this driver software anyway'.**
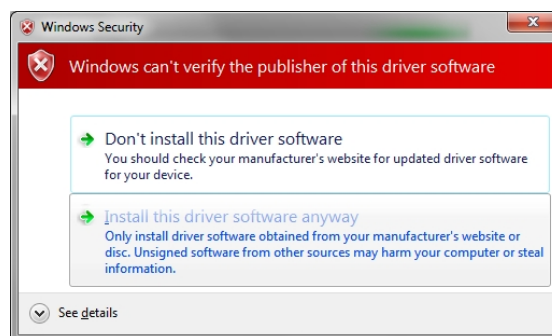
– Once the driver is installed, the following screen appears (case of 32 bit driver installed):

Update Driver Software - Byte Paradigm USB x86 Driver

Windows has successfully updated your driver software

Windows has finished installing the driver software for this device:

Byte Paradigm USB x86 Driver

Close

– The driver is now properly installed for your device, as shown in the Device Manager.

▷ Mice and other pointing devices
▷ Monitors
▷ Network adapters
▷ Processors
▷ Sound, video and game controllers
▷ Storage controllers
▷ System devices
▲ Universal Serial Bus controllers
　　 Byte Paradigm USB x86 Driver
　　 Generic USB Hub
　　 Intel(R) ICH8 Family USB Universal Host Controller - 2830
　　 Intel(R) ICH8 Family USB Universal Host Controller - 2831
　　 Intel(R) ICH8 Family USB Universal Host Controller - 2832
　　 Intel(R) ICH8 Family USB Universal Host Controller - 2834
　　 Intel(R) ICH8 Family USB Universal Host Controller - 2835
　　 Intel(R) ICH8 Family USB2 Enhanced Host Controller - 2836
　　 Intel(R) ICH8 Family USB2 Enhanced Host Controller - 283A
　　 USB Composite Device
　　 USB Composite Device
　　 USB Printing Support
　　 USB Root Hub
　　 USB Root Hub
　　 USB Root Hub
　　 USB Root Hub
　　 USB Root Hub
　　 USB Root Hub
　　 USB Root Hub

1.3.2.2 Installing driver manually in Windows XP

- Right click on **'USB Device'** and select **'Update Driver'.**

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– Select **'Install from a list of specific location (Advanced)'** and click on **'Next>'**.

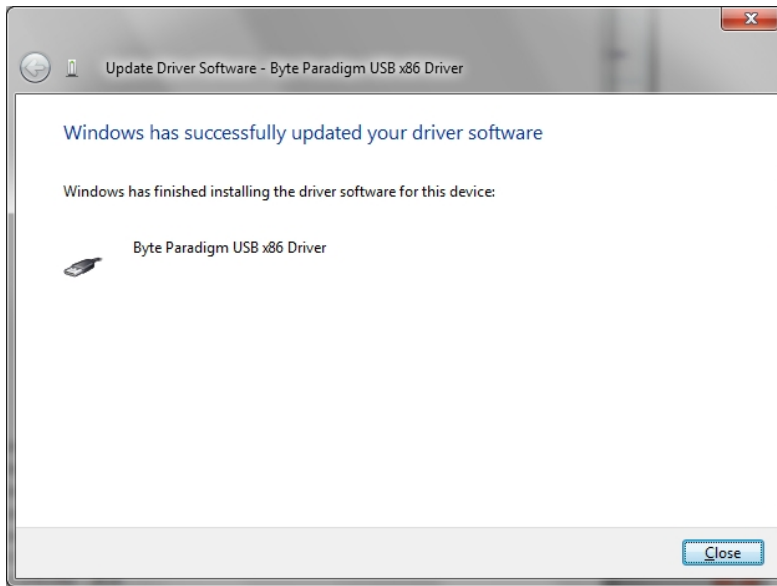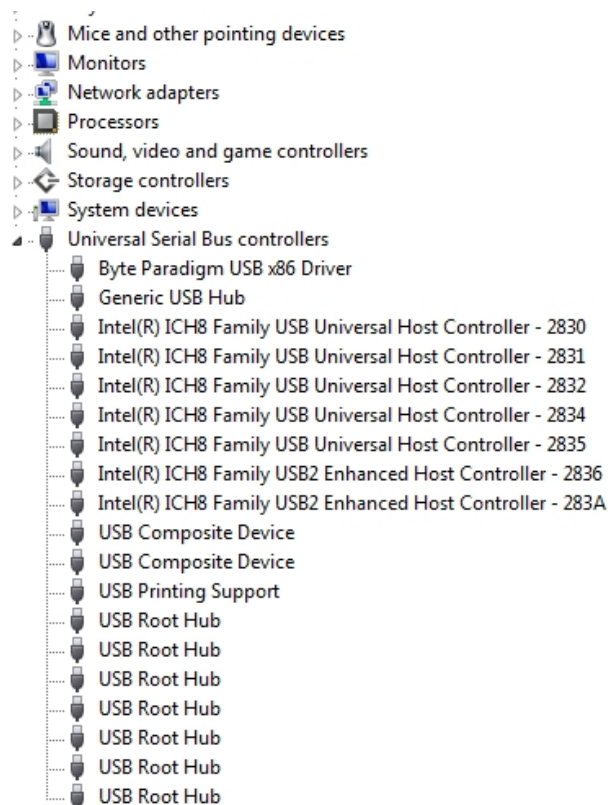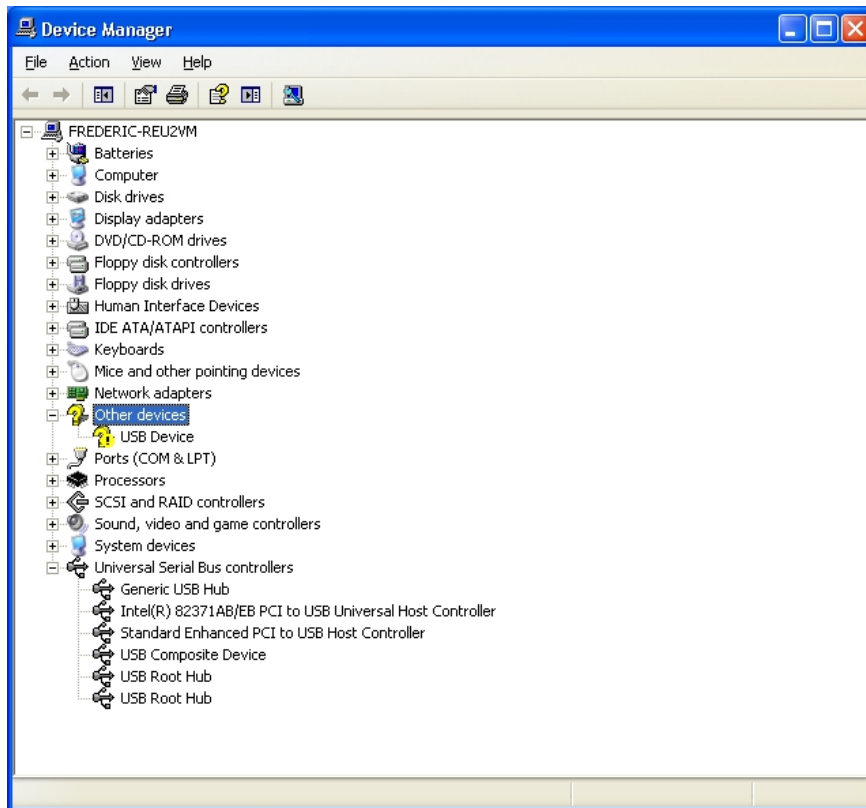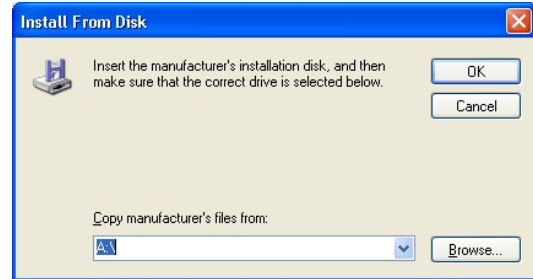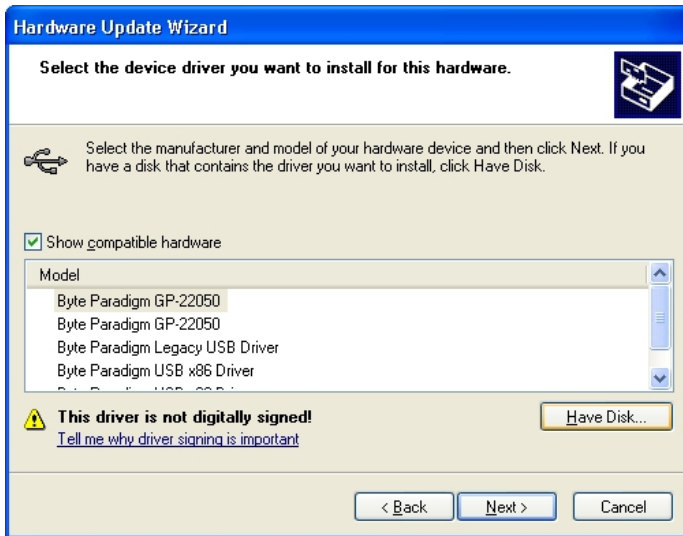– Select 'Don't search. I will choose the driver to install.' and click on **'Next'.**
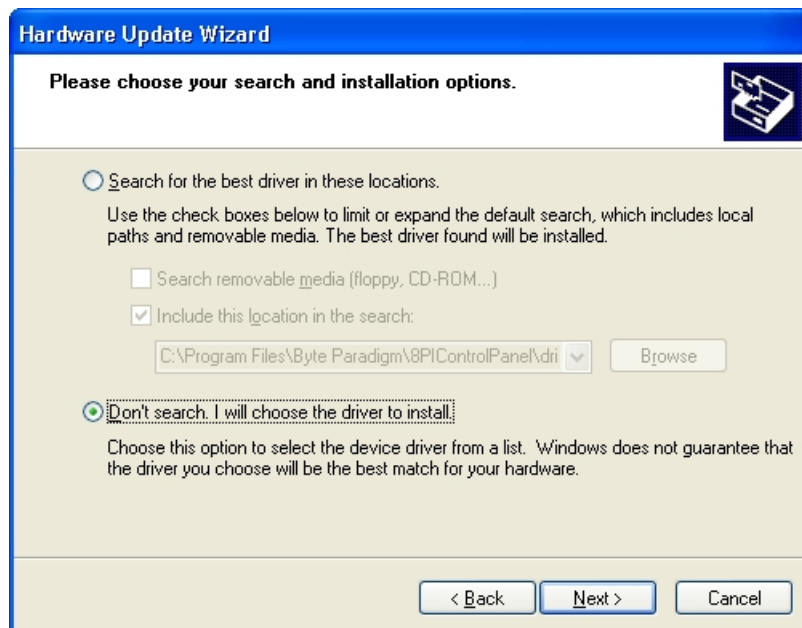
– Click on 'Have Disk', then on 'Browse'

– In the browsing windows, select the driver location according to the OS used, and open the .inf file in this directory (click on **'Open' > 'Ok' >** :
  – 32-bit operating system, the driver is located in: **<Installation root>\8PIControlPanel\drivers\x86**
  – 64-bit operating system, the driver is located in: **<Installation root>\8PIControlPanel\drivers\x64**
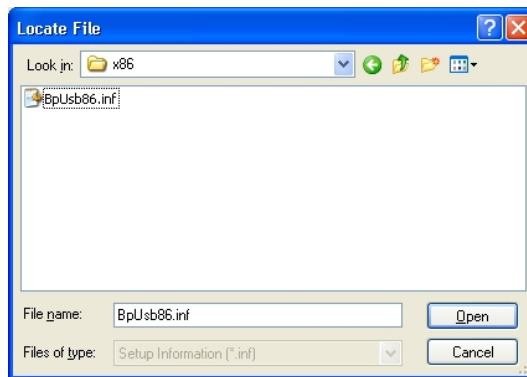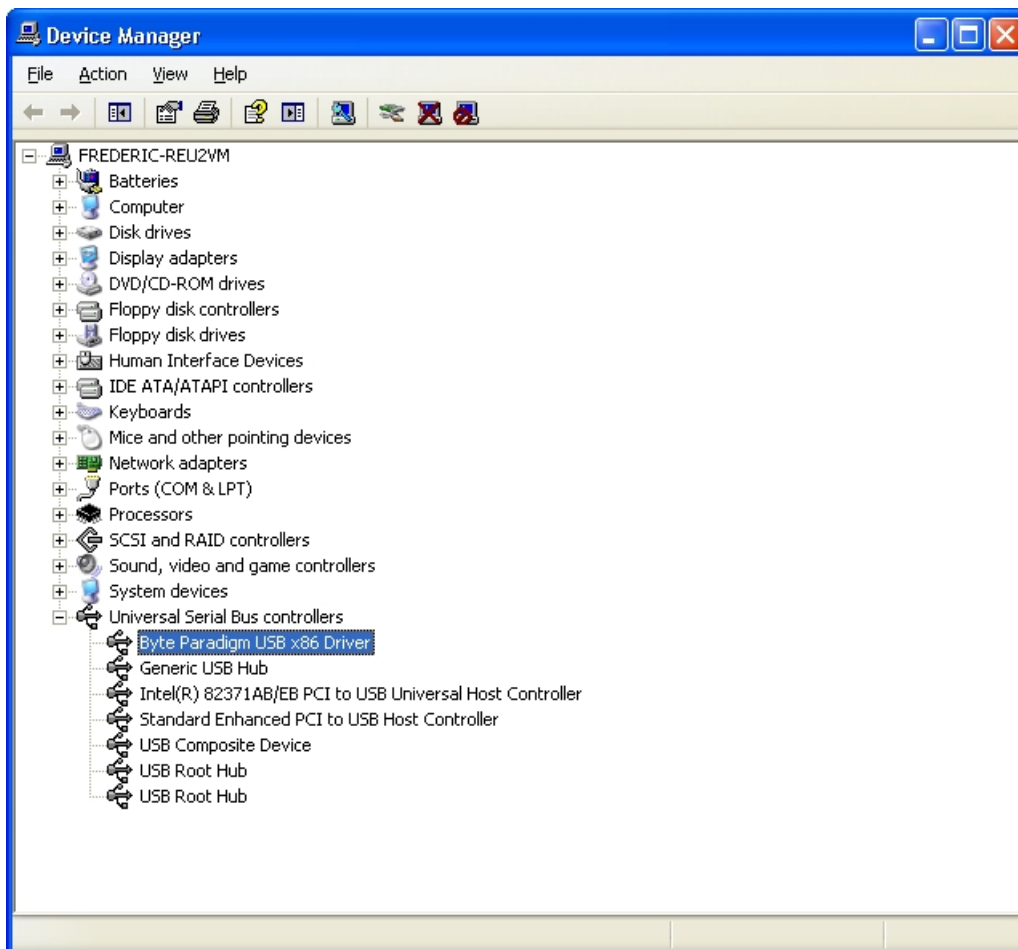
– Click on **'Next > '**
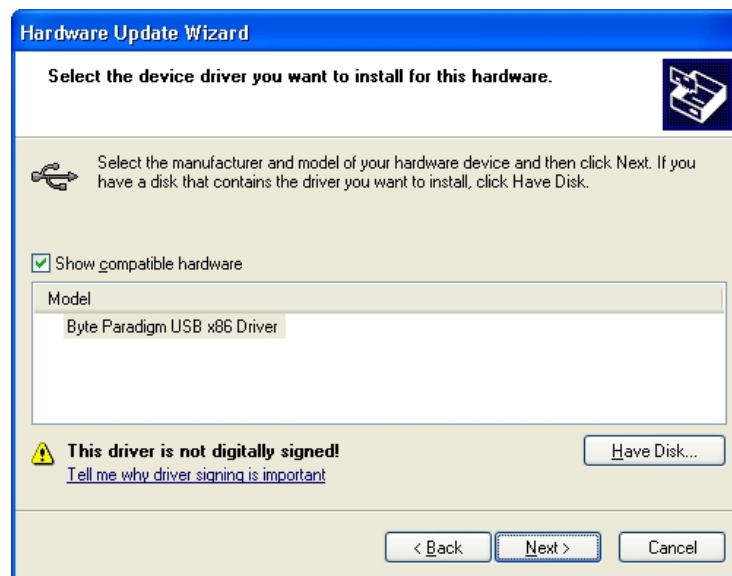
– The driver is now properly installed for your device, as shown in the Device Manager (case of a 32-bit OS).


– Click on '**Finish'.**

1.4 Installing the License File and starting up 8PI Control Panel

To start 8PI Control Panel, you need the request the license file of your device.

- Follow the instructions from page: http://www.byteparadigm.com/download-16.html to request your license from Byte Paradigm. **You'll receive one file named 'license.txt'.**
- Copy this license file into the 8PI Control Panel software installation directory. The default directories are:
  32-bit OS : C:\Program Files\Byte Paradigm\8PIControlPanel
  64-bit OS : C:\Program Files (x86)\Byte Paradigm\8PIControlPanel
- To start up 8PI Control Panel:
  1) ALWAYS connect your device to the USB port first
 2) Click on the 8PI Control Panel icon
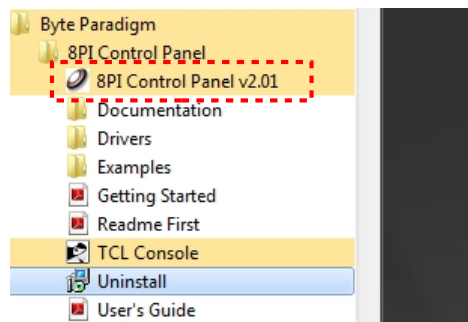
- At start-up, the 'Smart Router' application pops up. This side application manages the USB connection with your device and is also used to check your license file. Normally, your device should be listed in SmrtRtr.exe application and the 8PI Control Panel modes of operation that are enabled for your device should be marked with 'YES'.
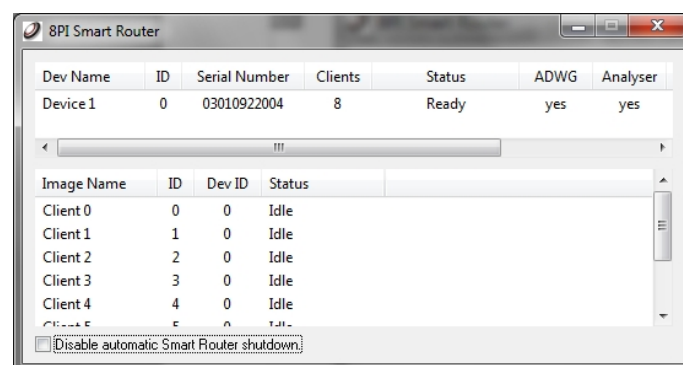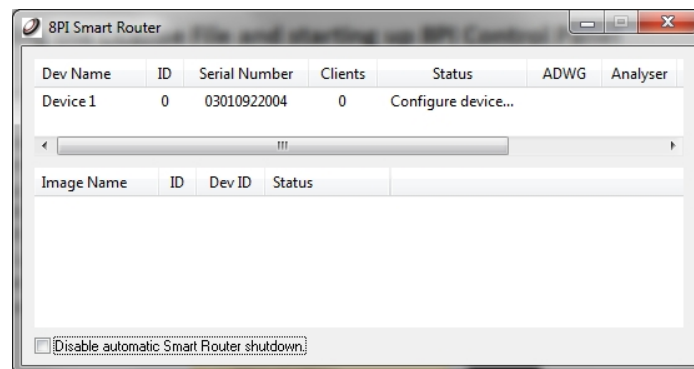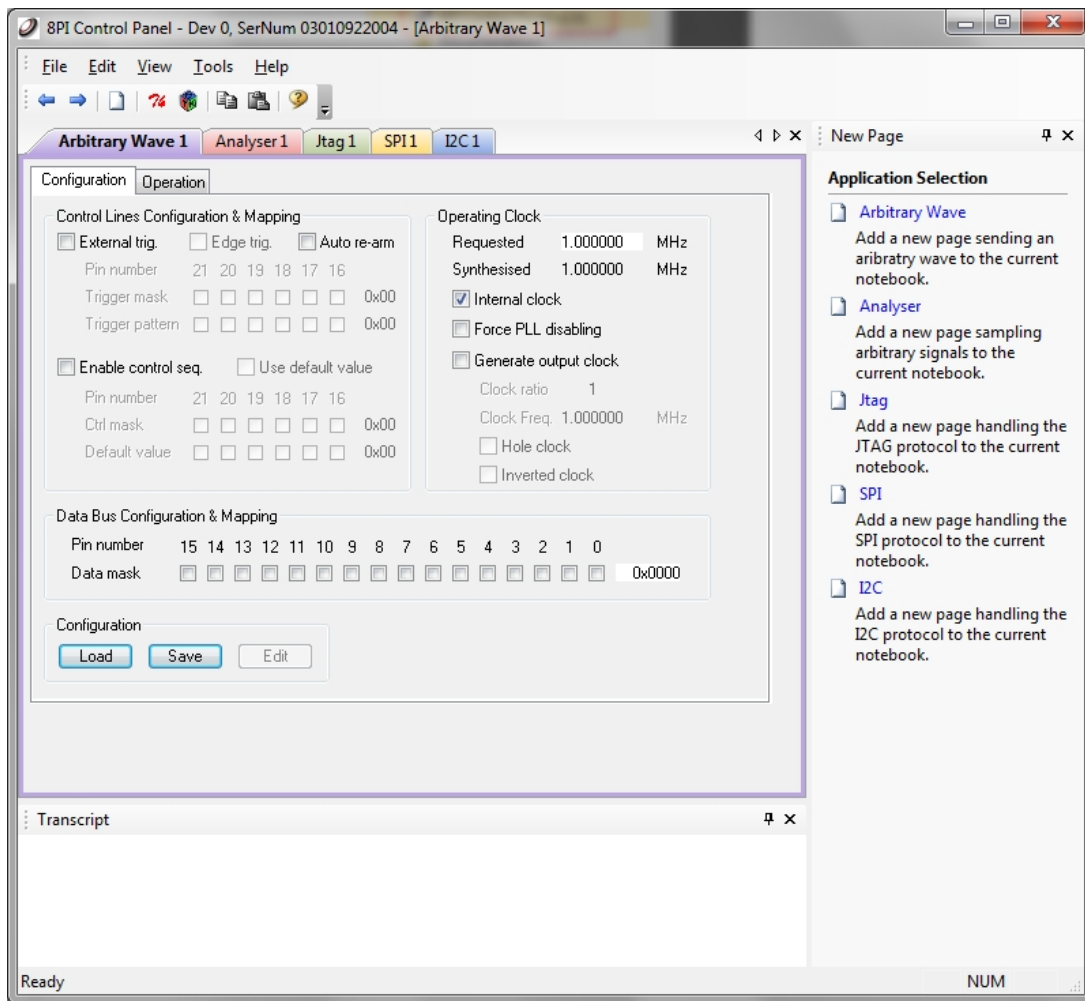
– 8PI Control Panel window opens. Please refer to 8PI Control Panel user's guide (check our general documentation page here: http://www.byteparadigm.com/documentation-15.html)
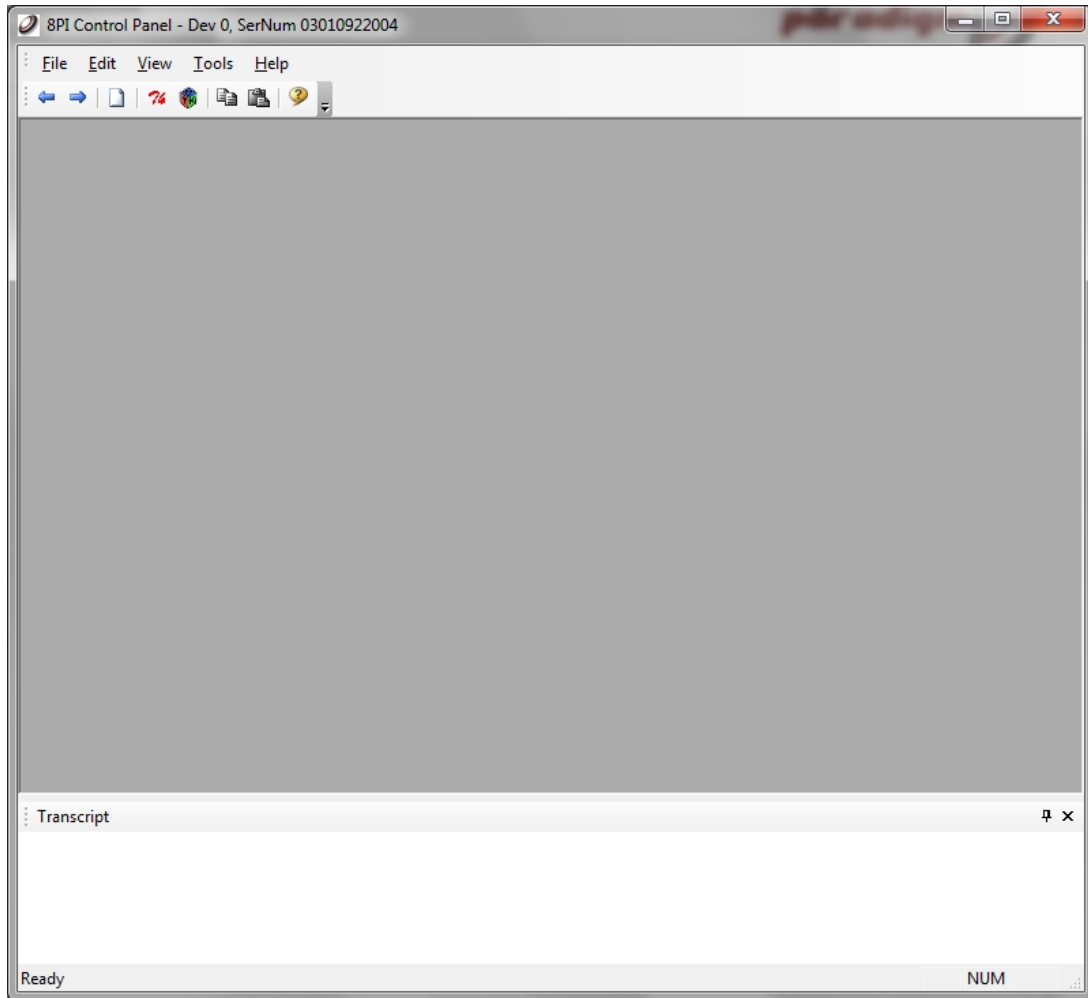
If your 8PI Control Panel window is blank (see above) or if all modes of operation are marked with 'no' in SmrtRtr.exe, your license file is improperly installed. Please try again. If the problem persists, please check Byte Paradigm's knowledge base to troubleshoot it : www.byteparadigm.com/kb

Ultimately, contact Byte Paradigm.