



XConsole GUI setup communication manual March 2009

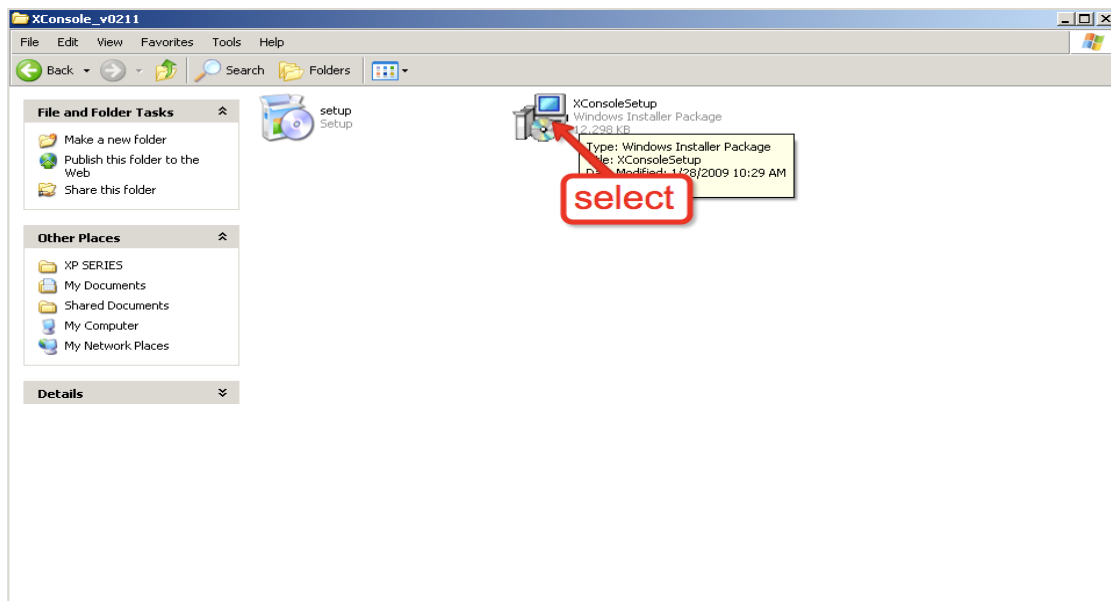
XConsole is compatible with Microsoft XP and Vista.
The software will also work if using Boot camp on a Mac.

IMPORTANT NOTES:

- Do NOT connect your processor with the computer before installing the software.
- Before you run the software on your computer, visit the download tab of www.xilica.com to check for the latest update.
All the other latest components required by the installation can also be found there.
- Ensure you're using the latest version of XConsole, currently version V2.11.
- If downloading from the website, ensure you unzip the folder before commencing installation.

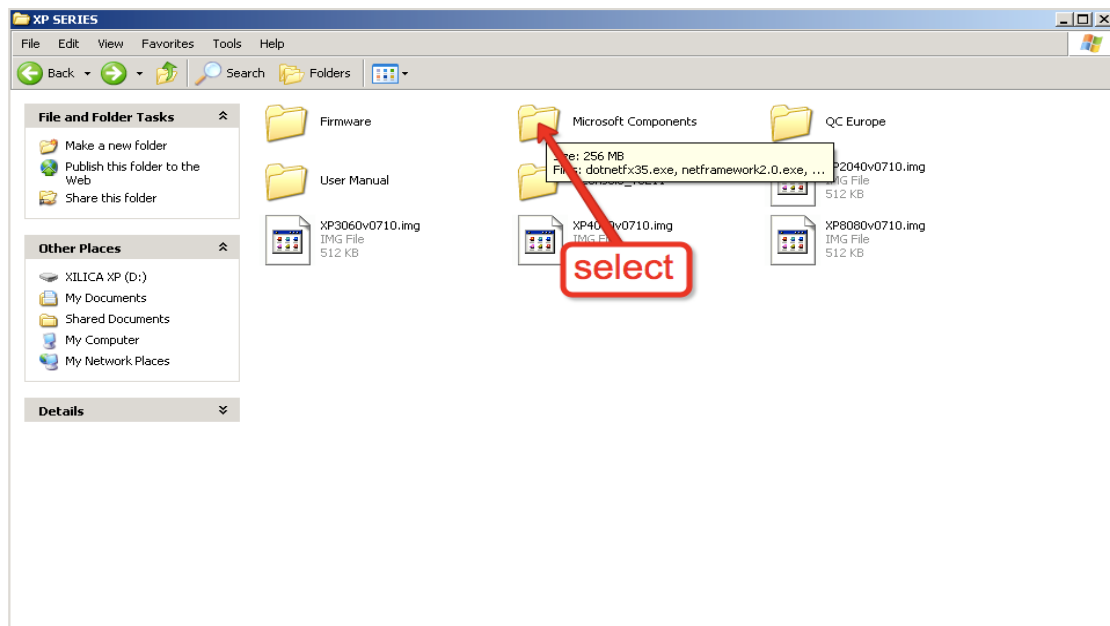
INSTALLATION:

Once the zip file has been extracted, open the folder and double-click “XConsole setup”.

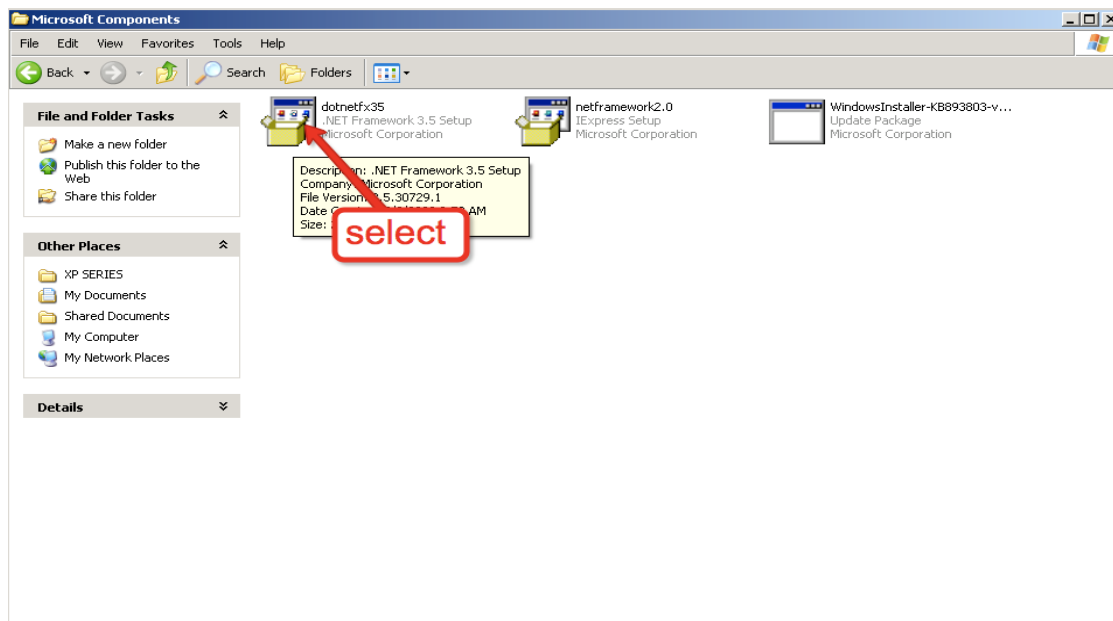


At this point, you might be requested to install the .NET Framework 3.5.
If this happens, please abort the setup.

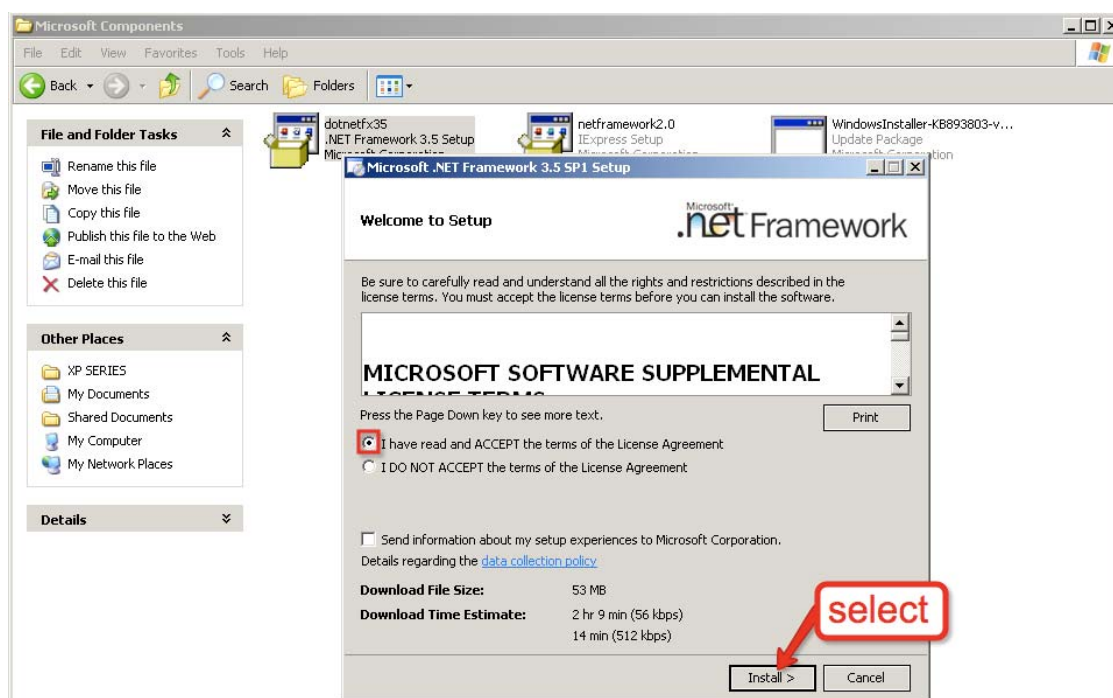
In order to continue, open the folder “Microsoft Components” found on the included USB drive, or return to the download section on the Xilica website.



Navigate to find the required .Net Framework installer and begin the .NET Framework 3.5 installation on your computer by double clicking the file shown below.

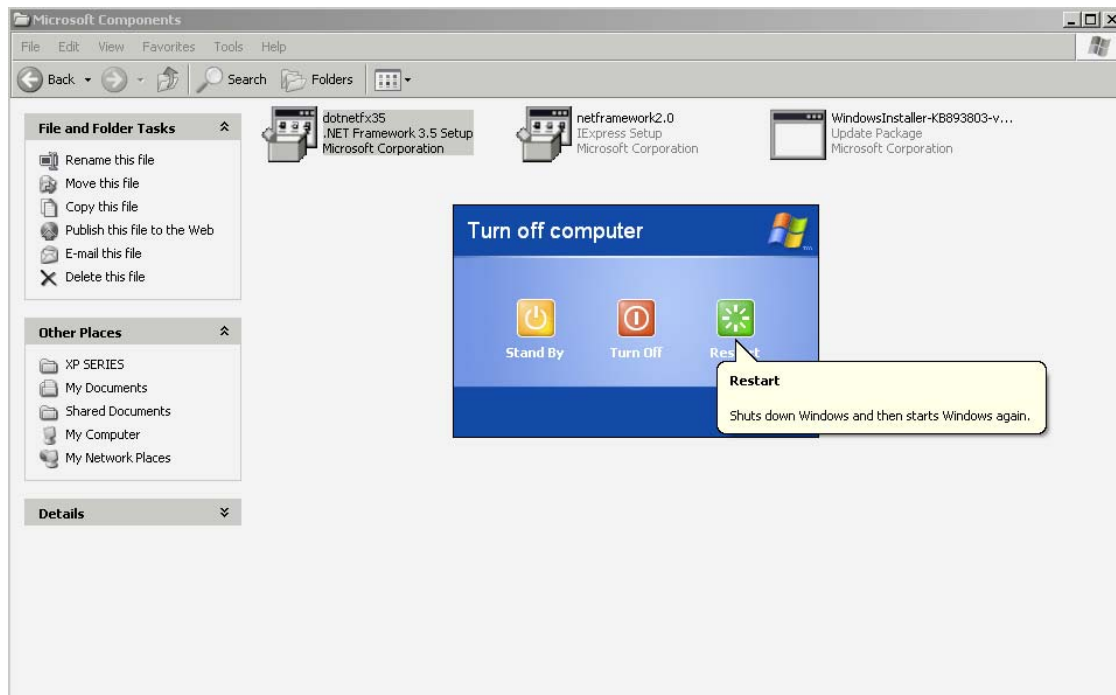


After the initial screen opens, accept the license agreement is shown and click the “Install” button.

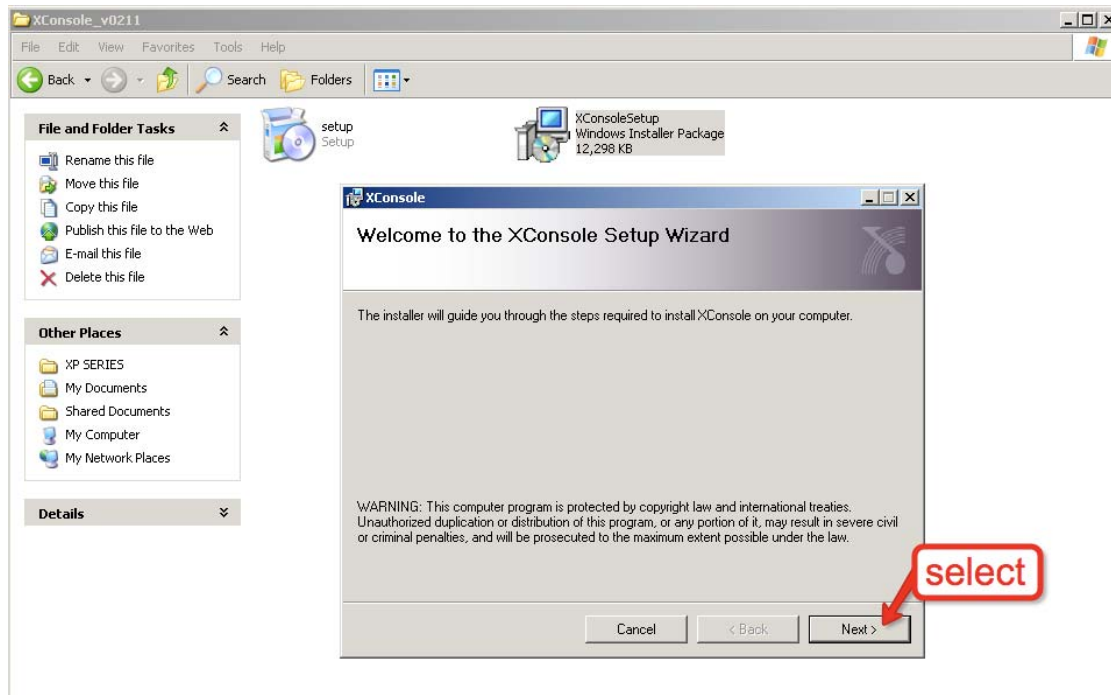


The installation of the .NET Framework 3.5 can take quite some time so please be patient. Do NOT cancel this process. If you receive any remarks from windows stating an attempt to connect to the Internet, please choose IGNORE as this is an unnecessary step. Windows will eventually complete the installation.

After a successful installation, please finish by clicking “Exit”. 3. Now please reboot your computer to activate the new settings.

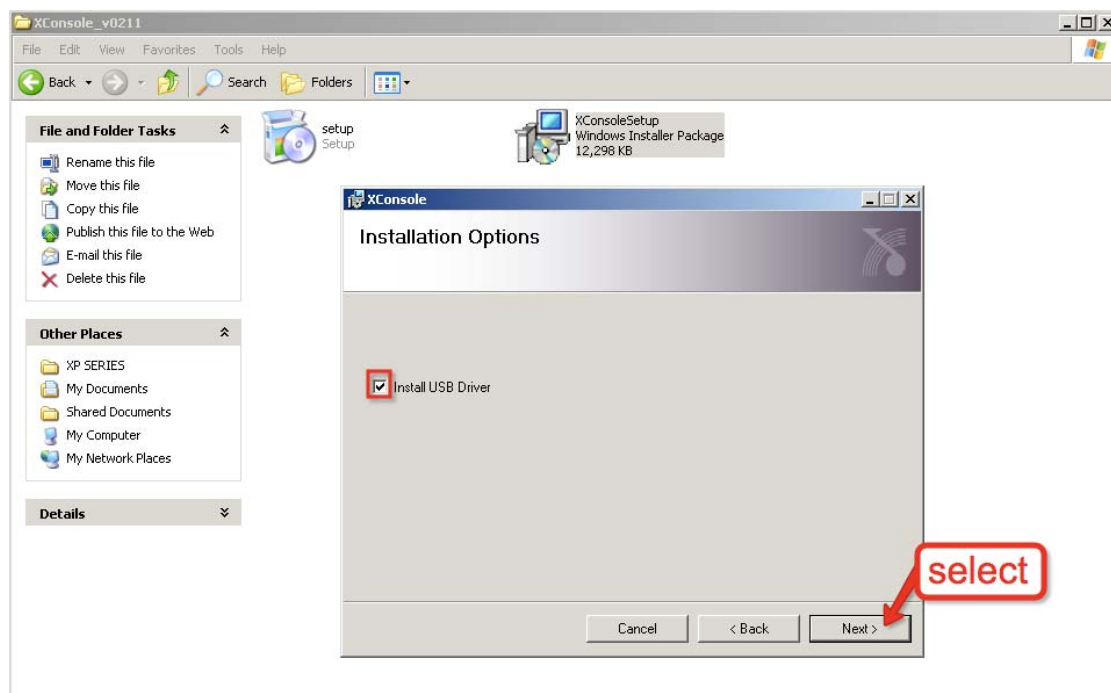


Once the computer has rebooted, please restart the XConsole setup to restart the wizard. Click on “Next” to proceed with the installation.



A popup window should appear with some installation options. Ensure the box next to “Install USB driver” is ticked. This includes the relevant USB driver that is required by Windows to communicate with the RS-232 / USB port located on the front of the Xilica device.

Without this driver, you may experience problems when trying to communicate directly with the panel’s USB port.



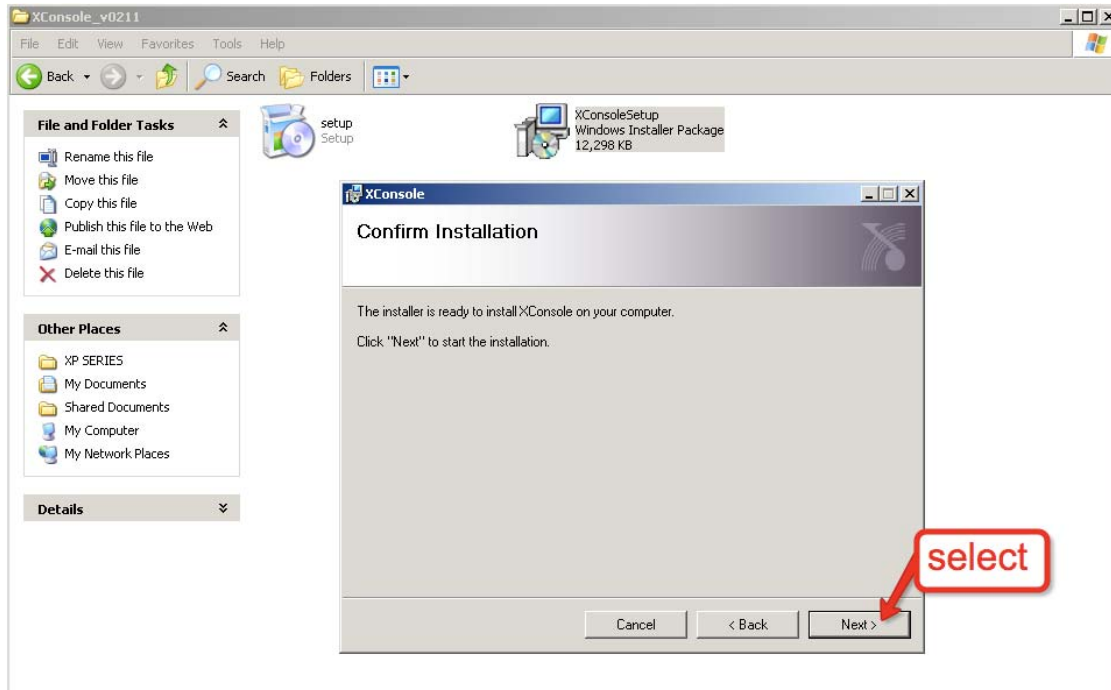
Proceed by clicking “Next”.

A popup window appears giving you the option to change the Installation folder.

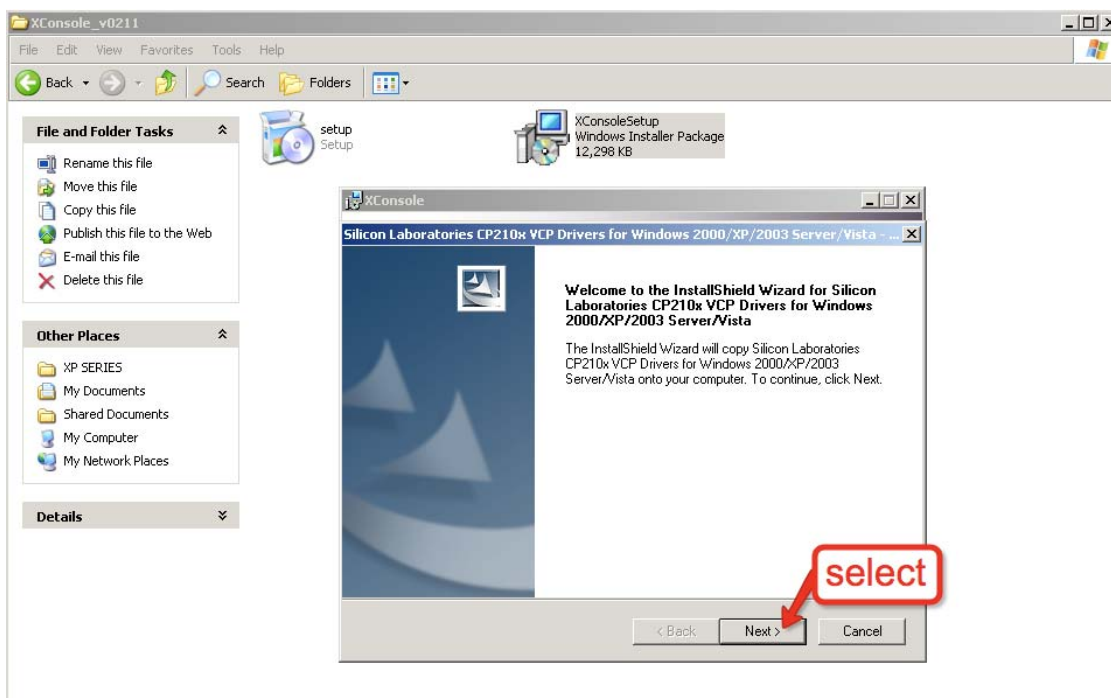
To proceed, click “Next”.

The install wizard is now ready to start the Installation of the XConsole software.

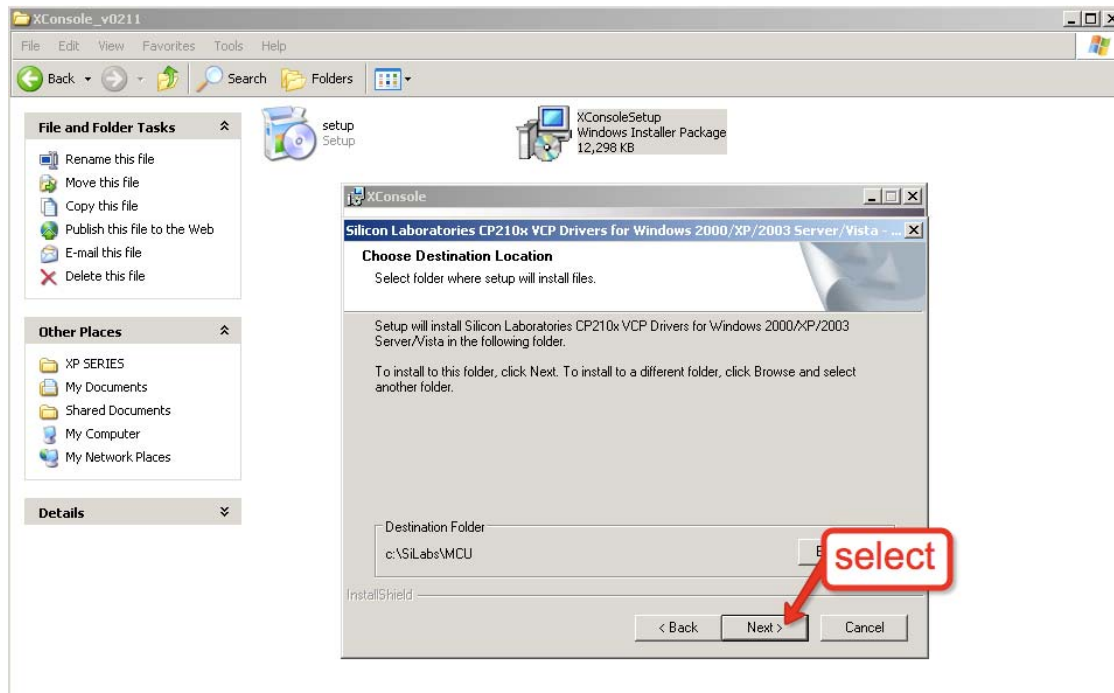
To proceed, click “Next”.



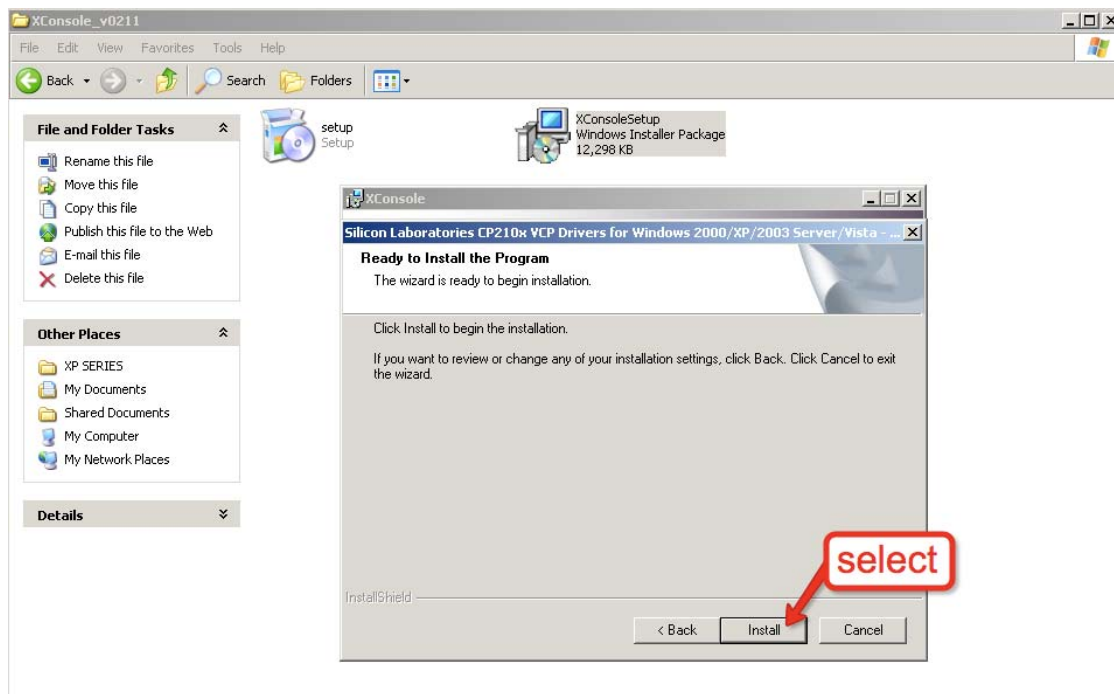
Several popup windows will appear which you can continue through by simply clicking “Next”.



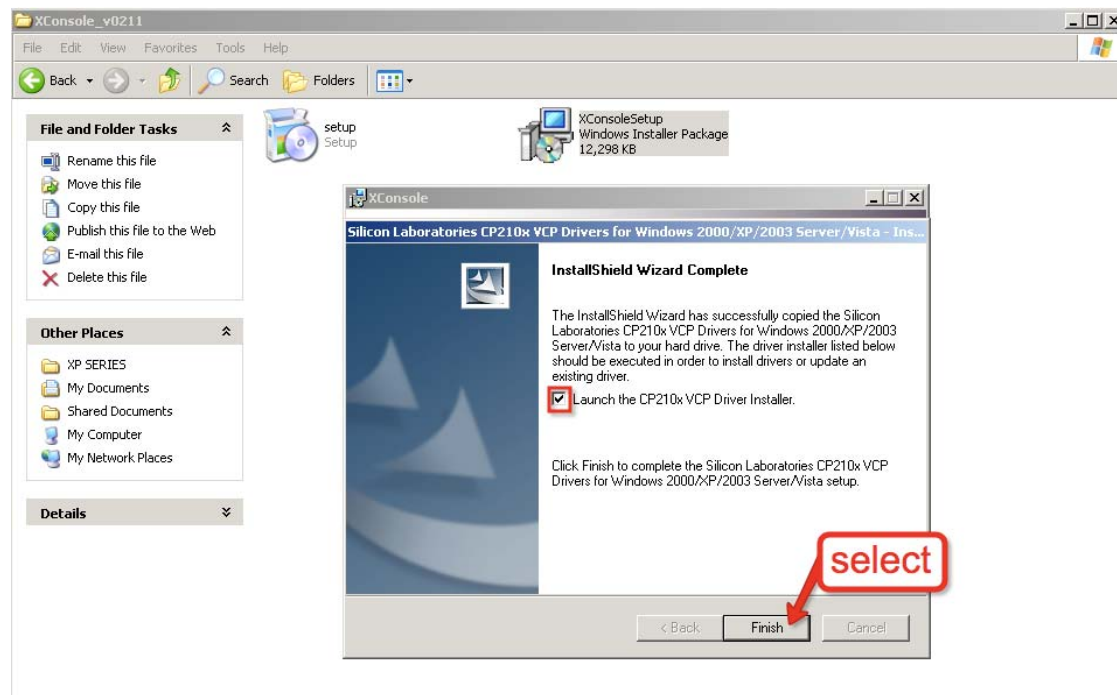
You will again be prompted with the option to change the Installation folder. To proceed, click “Next”.



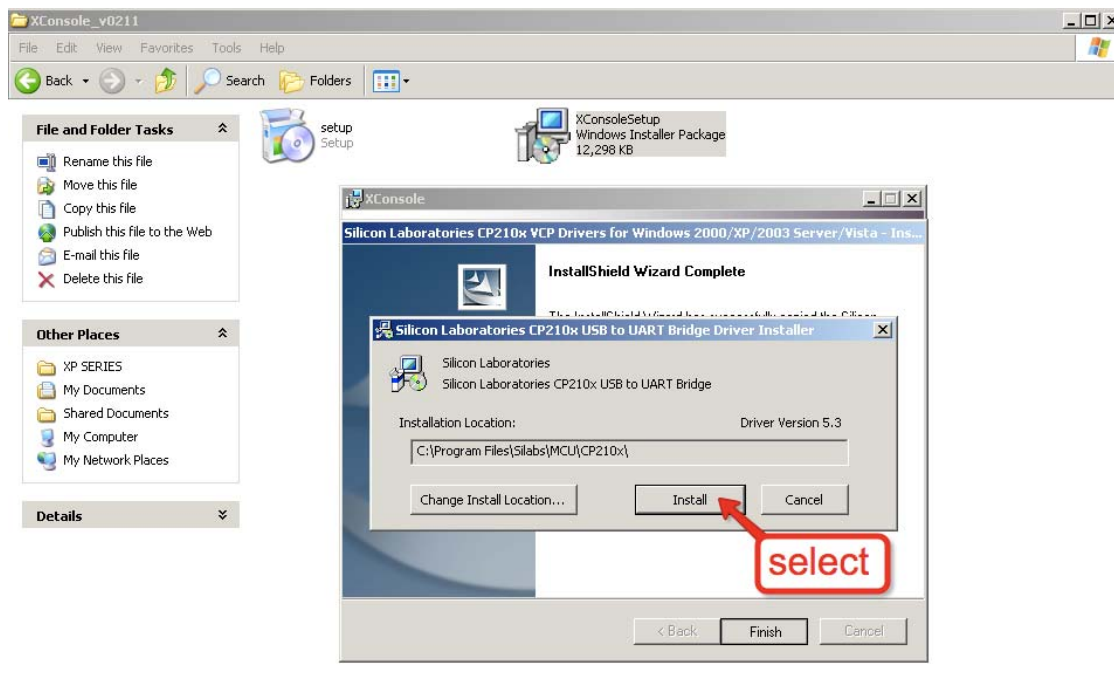
Click “Install” to start the installation procedure. This will enable the install wizard to successfully copy the relevant USB driver.



Make sure the box next to “launch the CP210x VCP driver Installer” is checked.
To proceed, click “Finish”.



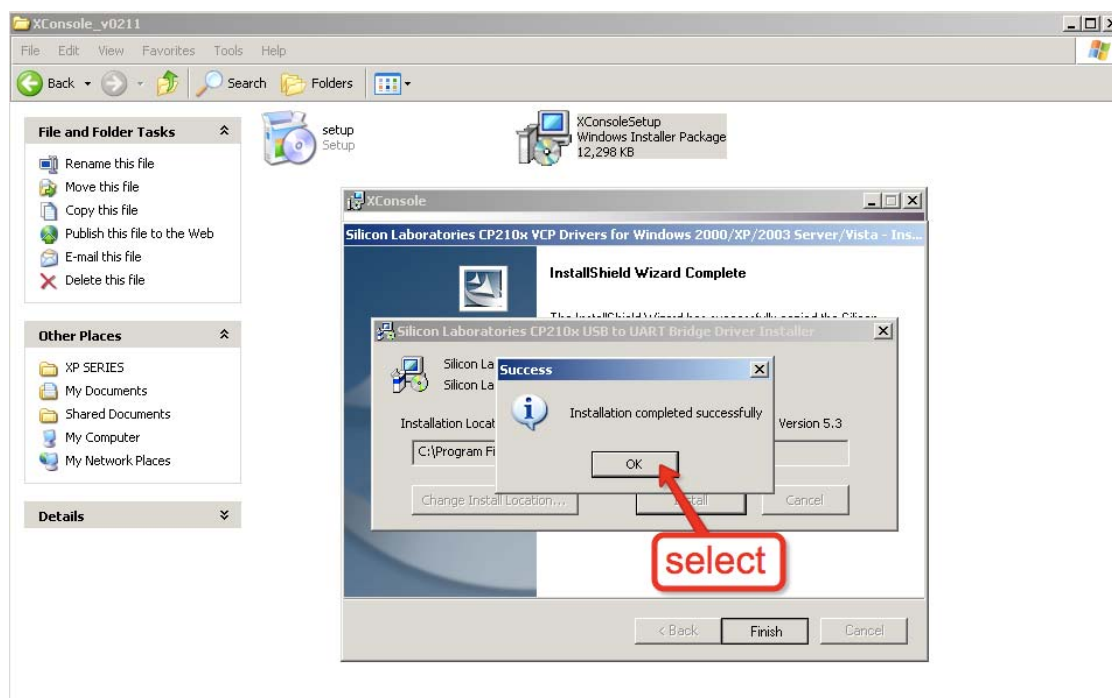
A further popup will appear, again prompting you with the option to change the location of the install.
To proceed, click “Install”.



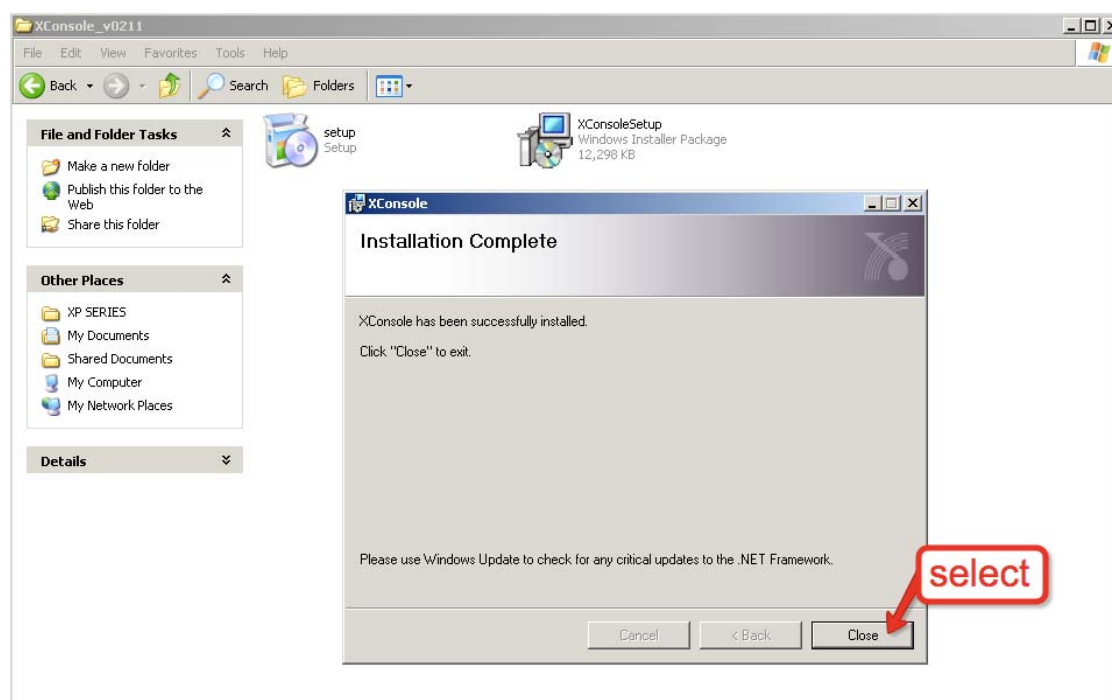
At the completion of the installation but prior to exiting the wizard, please switch on the Xilica processor and connect it to the computer with a USB cable.

You should hear the familiar Windows sound for finding new hardware, and in the lower right corner of the screen several pop-ups will appear indicating the actual driver installation.

Let Windows complete this process, after which please proceed by clicking “OK”.



Another “Installation Complete” notification will appear. To proceed, click “Close”

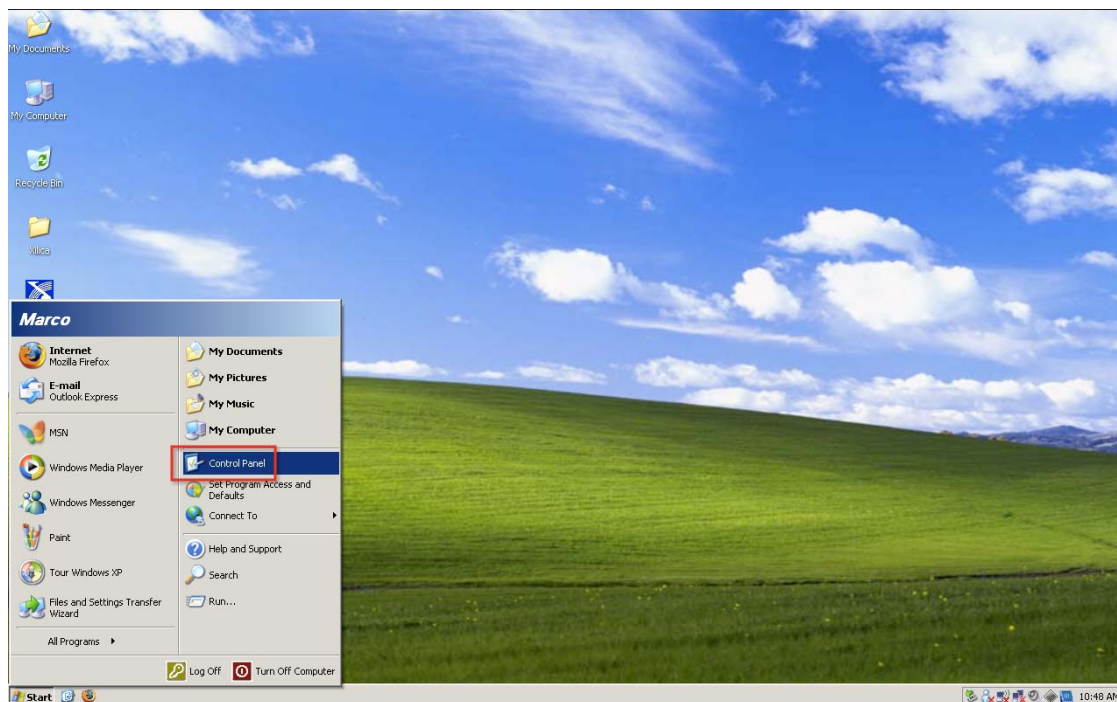


The driver and the software should now be properly installed.
We can now start setting up communication between the software and the Xilica processor.

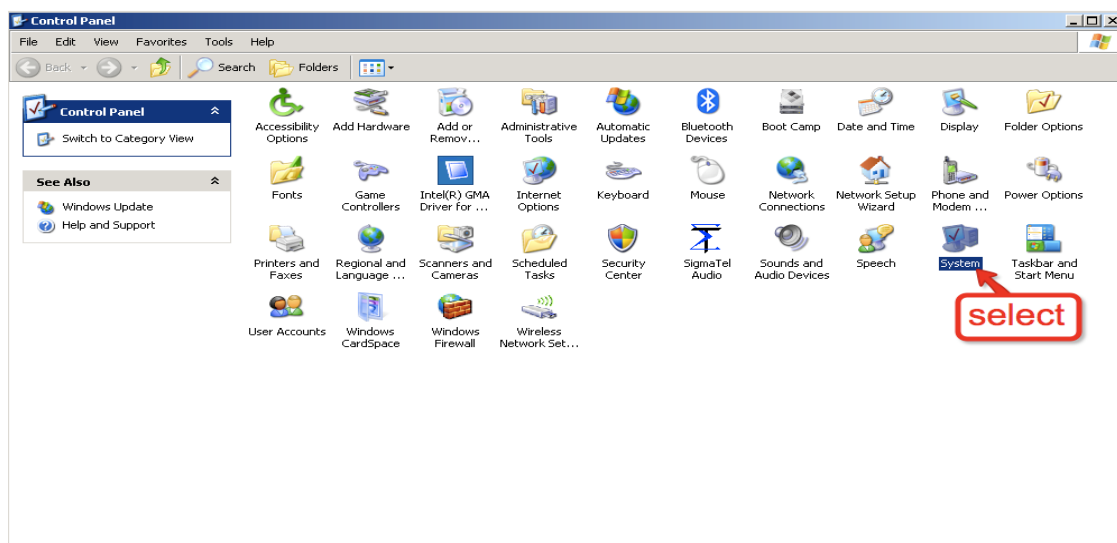
On the desktop you will find a shortcut to XConsole that executes the software.
However, please do NOT start the software from here just yet.

Before starting the software,
please first find out the virtual COM Port that is assigned to the USB port.
This setting is found in the Device Manager panel of Windows settings.

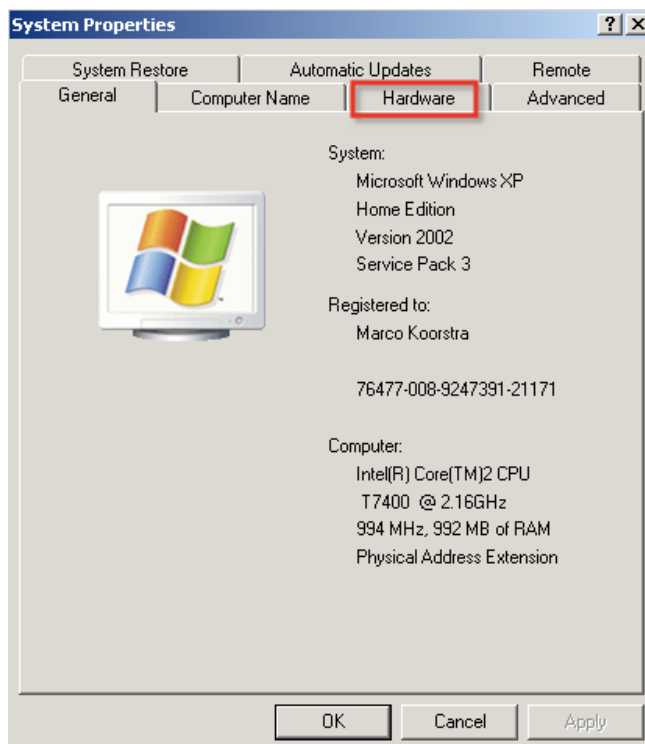
To locate this, click on “Start” and then “Control Panel”.



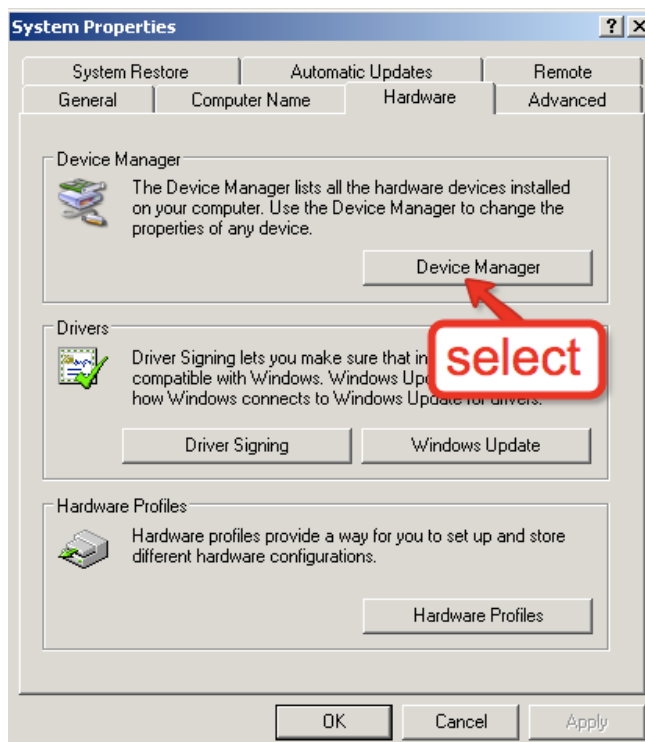
Find “System” and double-click the icon to show the system settings.



In the system box that opens, click the “Hardware” tab.



Select and click on “Device Manager” to show the device settings.

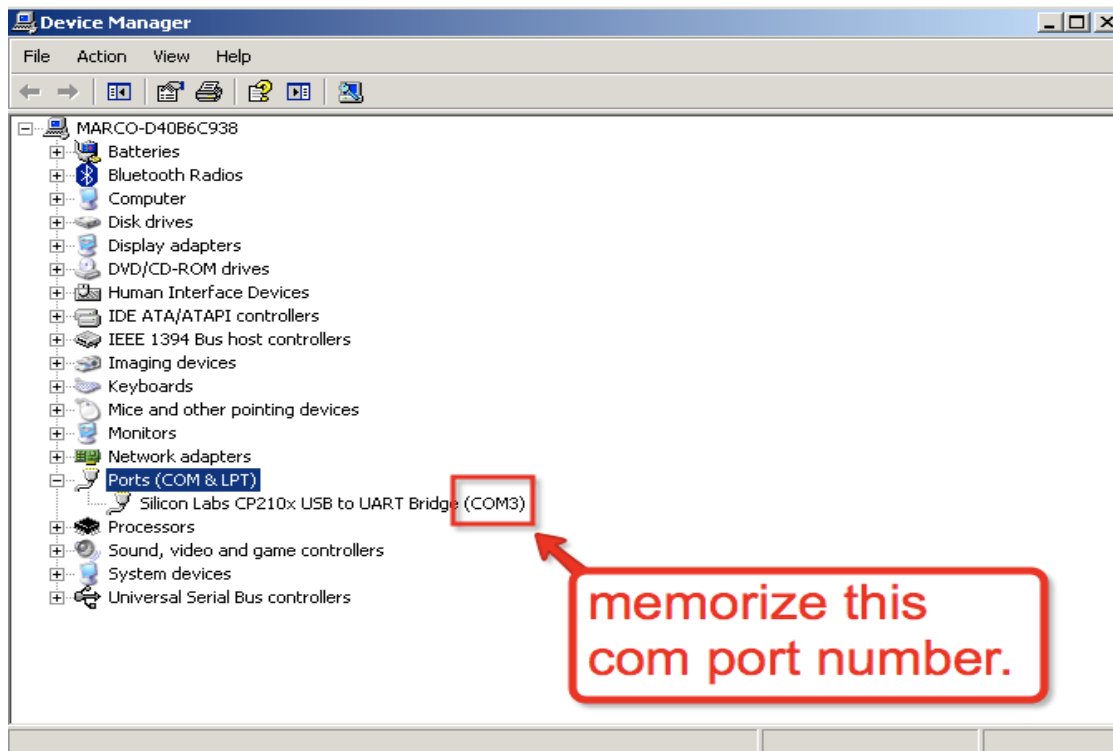


A window appears with information about all devices that are installed on your computer. Expand the small + icon next to “Ports (COM & LPT)”.

In the dropdown menu that opens, you can see which COM port is assigned to the Silicon Labs driver.

Please take note of this COM number, as it will be needed in the next few steps of the installation.

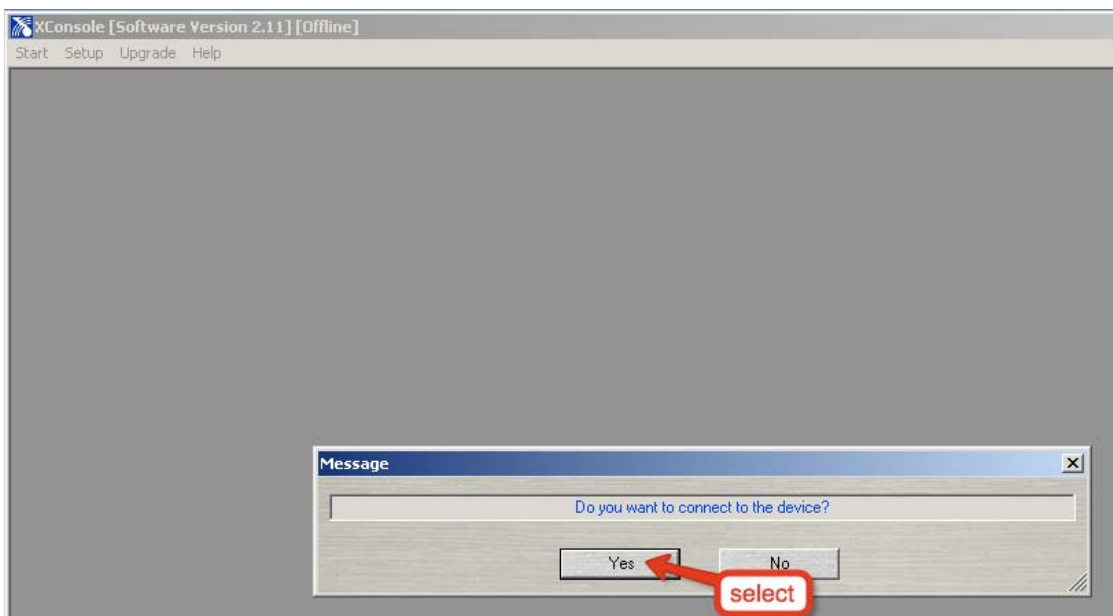
In the example below the number shown is 3. However this number may differ per system and even per USB port.



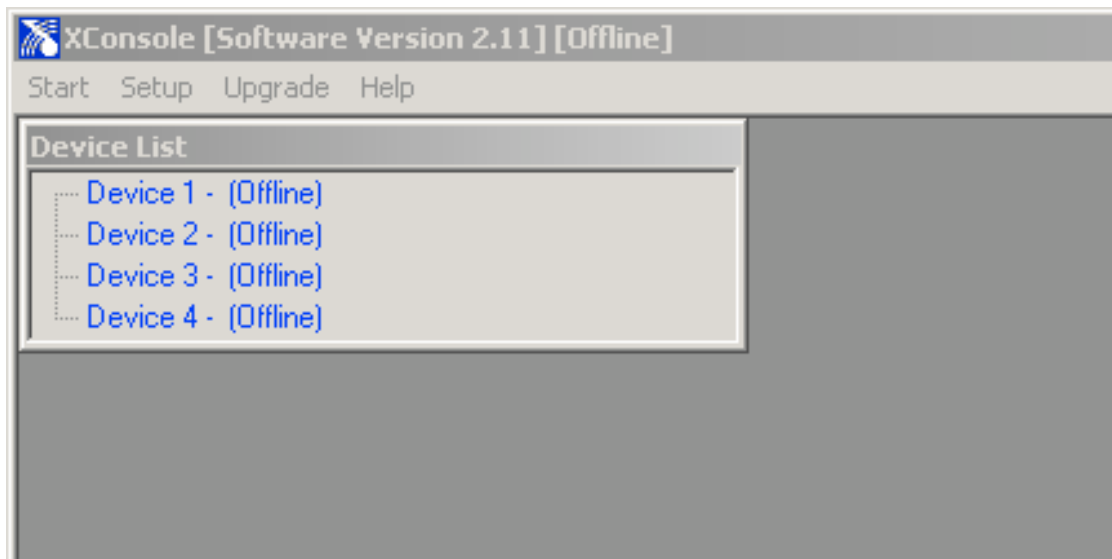
Open the XConsole software using the desktop shortcut.



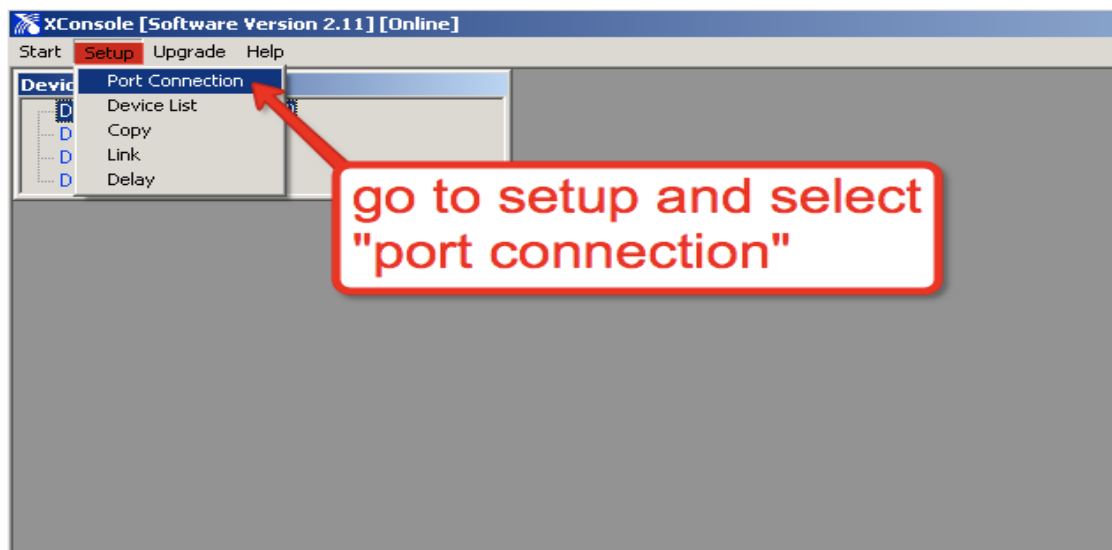
The software will start, and ask whether you want to connect to a device. Click “Yes” to connect to the Xilica Processor.



The following popup window will appear and will list Device 1 as offline.



Select "Setup" and click on "Port connection".

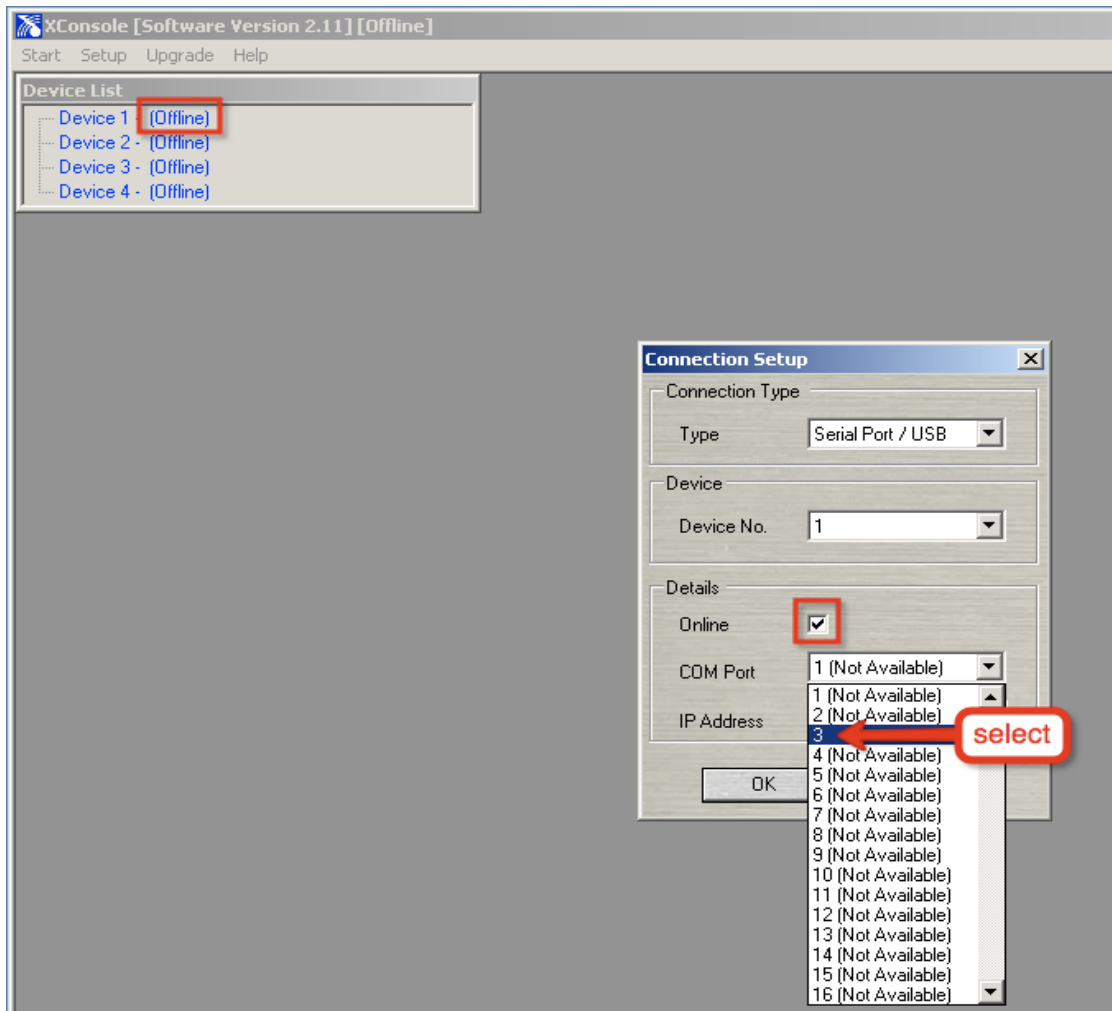


When the new window appears, make sure the box next to the text “Online” is checked.

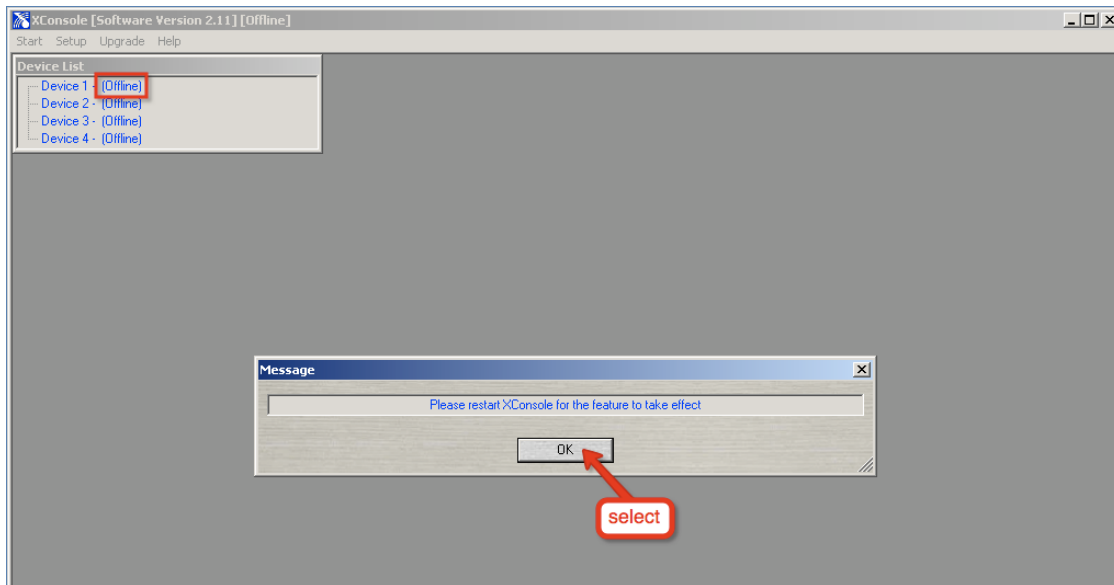
Open the dropdown menu associated to the “COM Port” option and select the appropriate port number listed in the “Device Manager” instructions found above.

In our example, this is COM Port 3.

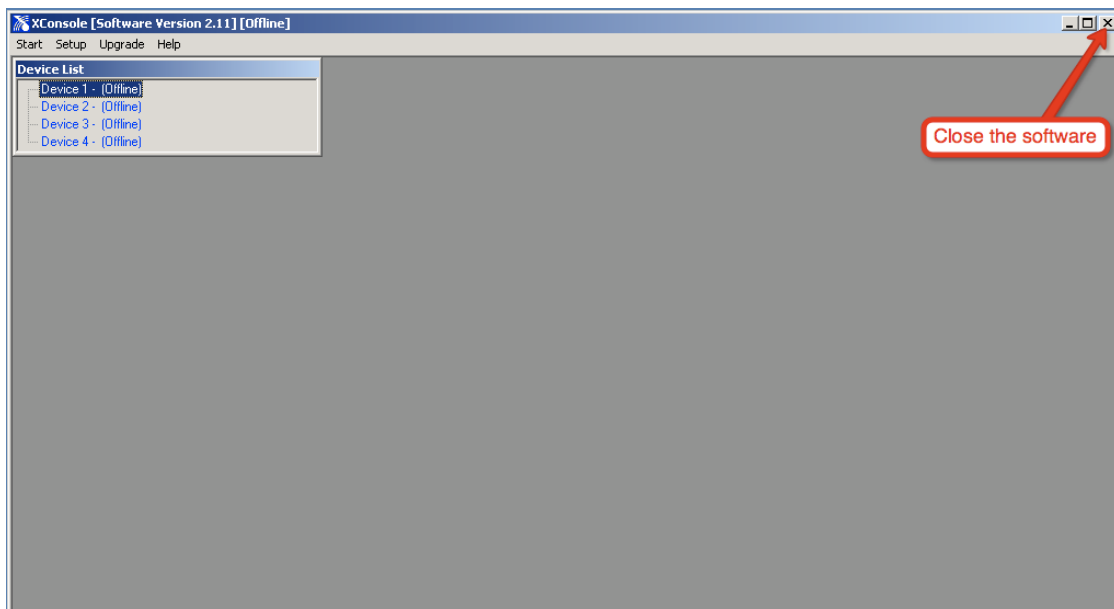
Click “OK” to confirm.



A message window appears notifying you to restart the XConsole software.
Device 1 is still listed as being offline.
Click on “OK” in this new window.



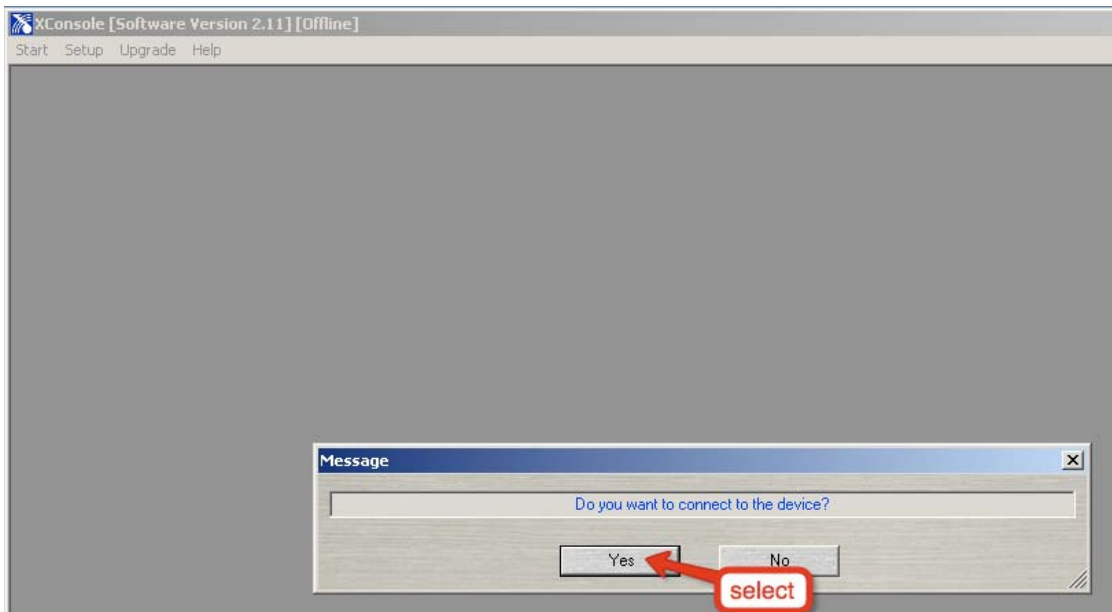
The window closes but the software does not shutdown.
“Device 1” still appears as offline, but this is expected.
Click “X” in the top right hand corner of the software to shut down.



Restart XConsole.

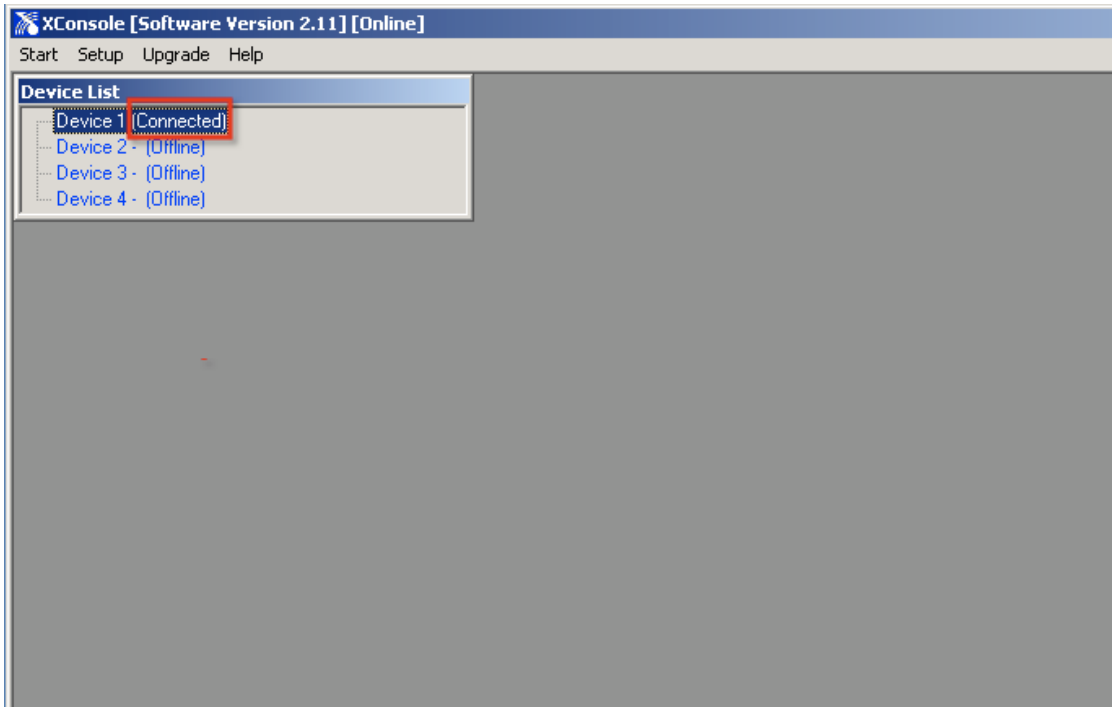
Once again you will be prompted with the option to connect to the device.

Click “Yes” to confirm.



The software will now connect to the unit and should initialise communication between the computer and the Xilica processor.

Notice “Device 1” now is connected.



This concludes the setup of communication between the software and the connected device. XConsole and the related USB driver are installed and you should have established solid communication using the front panel USB connector.