

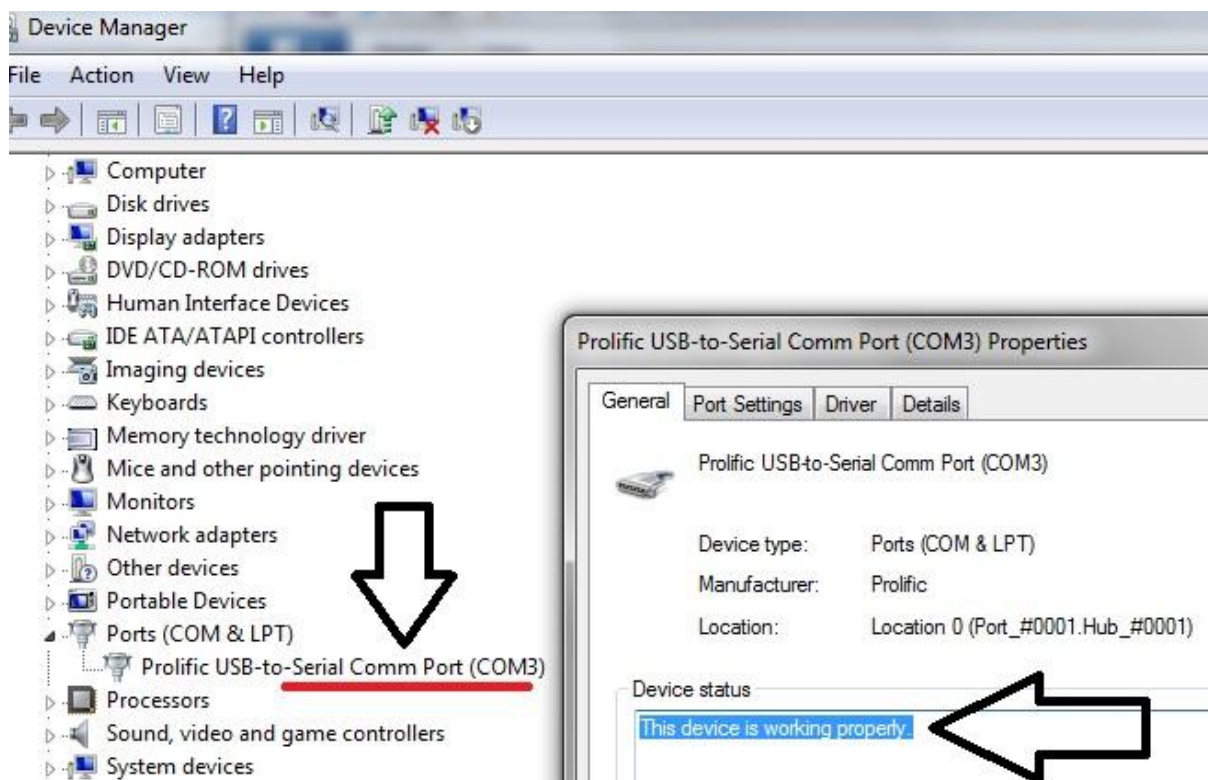
Instructions for installing Rovtec Systems SmarT-Trigger4 Version 4 PC control software

STEP ONE

If there is a spare RS232 port on the Computer, Make a note of the Com port number and proceed to Step 3 , otherwise take the USB to Serial port adapter proved with the SmarT-Trigger system, and connect the adapter into a spare USB socket on the machine.



Allow a few seconds for the machine to recognise and determine the adapter ,then open the Control Panel and then **DEVICE MANAGER** as seen in the image below and look under **COM & LPT** , And see where the Serial Adapter has mapped in, as can be clearly seen below the driver is installed , as the device is recognised as PROLIFIC serial port and is working properly, if this is not the case and the “general” information tab of the device shows Device status as “NO DRIVER INSTALLED” , Then Step two is to install the “**PROLIFIC**” driver as shown in next step.



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STEP TWO

Assuming there is no “prolific serial port adapter driver” installed on the machine, then step two is to select the file as shown below from the “**PROLIFIC**” folder on the install software media device



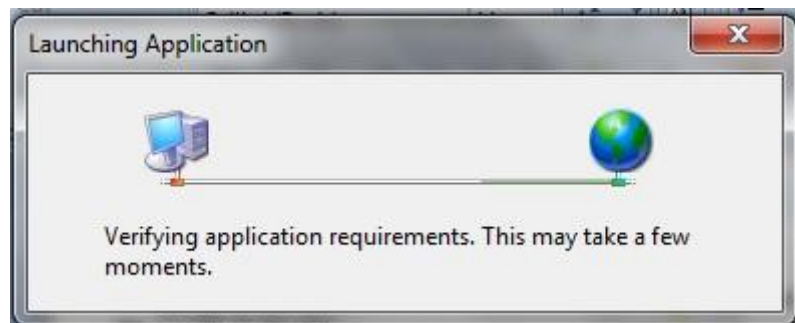
The file is called “**PL2303_Prolific_DriverInstaller_v130**” click on this file and install the Prolific driver. As soon as the driver is installed, go back to the Control Panel and See what Com Port number the USB to RS232 adapter has mapped into, It may be necessary to temporarily remove and re insert the adapter in order that it picks up the newly installed driver and gets allocated a valid Com Port number on the machine.

Take note of the Com Port Number.

STEP THREE

With a valid Serial Com Port established, the next step is to begin the install of the PC Control Software, click on the **SETUP.EXE** in the main folder of the install software.

Please allow plenty of time for the machine to check resources , On some Windows seven machines this can take 15-20 seconds , and it may appear nothing is happening but eventually a window like the one shown below will appear on the screen. Please wait while this message appears on the screen, (Do not click SETUP a second time)



The Software will first attempt to install a module called “**VBPOWERPACKS**” which is a module required for the Visual Basic DOT NET program to run on the machine. Once this has been installed the main application program will be installed

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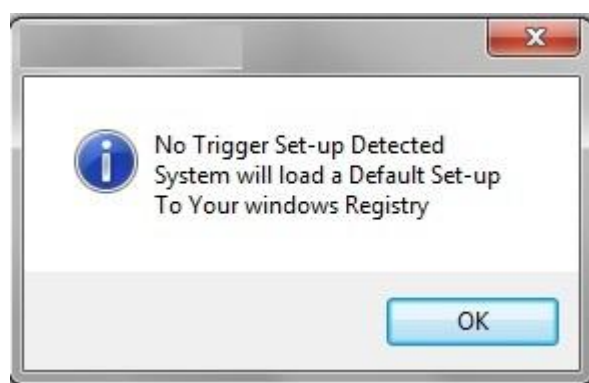
STEP FOUR

As Rovtec Systems do not have a digital certificate of approval as a being a trusted windows software Publisher source , a security warning will appear as shown below .

Select **INSTALL** and the application should continue to install as normal.



The application should install to completion and the application should show a message box saying there is no application setup found and that a default setup will be loaded , IT will than ask you to select the Com port to use for the application , enter the Com port number from Step 1/2



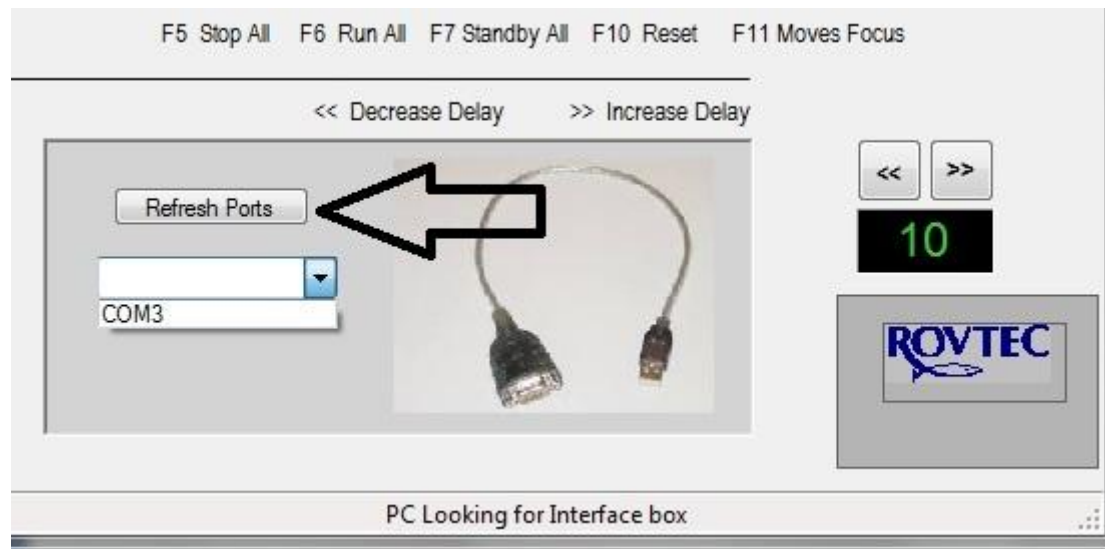
Pres **OK** , after which the software may or may not detect the correct com port , this is down to the USB adapter mapping into windows correctly or not and in order to set this correctly for the first time , the program may ask you to select the port again as shown in Step 5.

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STEP FOUR

The first time the program runs it may not see the port correctly mapped in as a valid com port

The program will run and ask you to select a com Port again this is indicating it is not seeing the Com port number you supplied , as being mapped in as a valid com port on this machine..



At this point a grey panel appears with a drop down list box as shown in the image above , and in this list box all the machine Com ports detected will be listed , if the Com port number of the port that was selected in Step 1 /2 is not in the list , then press the REFRESH PORTS button and all the currently connected valid Com ports will be listed in the list box , However It may be necessary especially if one is using a Prolific USB/Serial adapter ,to quickly remove the adapter and then re-insert the adapter into the USB port once more , then waiting a few seconds before Pressing REFRESH PORTS button once more.

Once the correct com port number is listed simply clicking on the port will select that port and this will close the selection panel and save that Com port number for further use. The PC software will commence looking for the interface box and now the SmarT-Trigger4 software has been fully installed and is now running. Closing the application and reopening the program will automatically open the selected Com port from now on.

Jan 2014.