Ethernet Setup Instructions

Cyclone, Trident and Phoenix (gold) Braille Embossers

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Ethernet Setup Instructions

Setting up the Embosser

When your Cyclone, Trident or Phoenix (gold) embosser was shipped from the factory it was configured to obtain an IP address from your existing network's DHCP server. In some instances, you will need to assign a fixed IP address to your embosser so that all the computers on the network will be able to consistently locate the embosser each time they are booted.

With the embosser turned off, connect a category 5 network cable to your embosser and insert the other end into an active interface port on your network. Then, hold in the 3 buttons located on the embossers control panel, and while holding down these buttons, turn the embosser on. Continue to hold the 3 buttons until you hear three beeps from the embosser. Then, release the keys. This procedure resets the embosser network address.

Next, locate your specific embosser on your network. To do this, open the Firebird Graphics Editor. Then, click on Discovery Tools located on the top menu bar, and click on Network Discovery in the dropdown menu. The Ethernet Device Discovery Tool window will then open. See Figure 1.

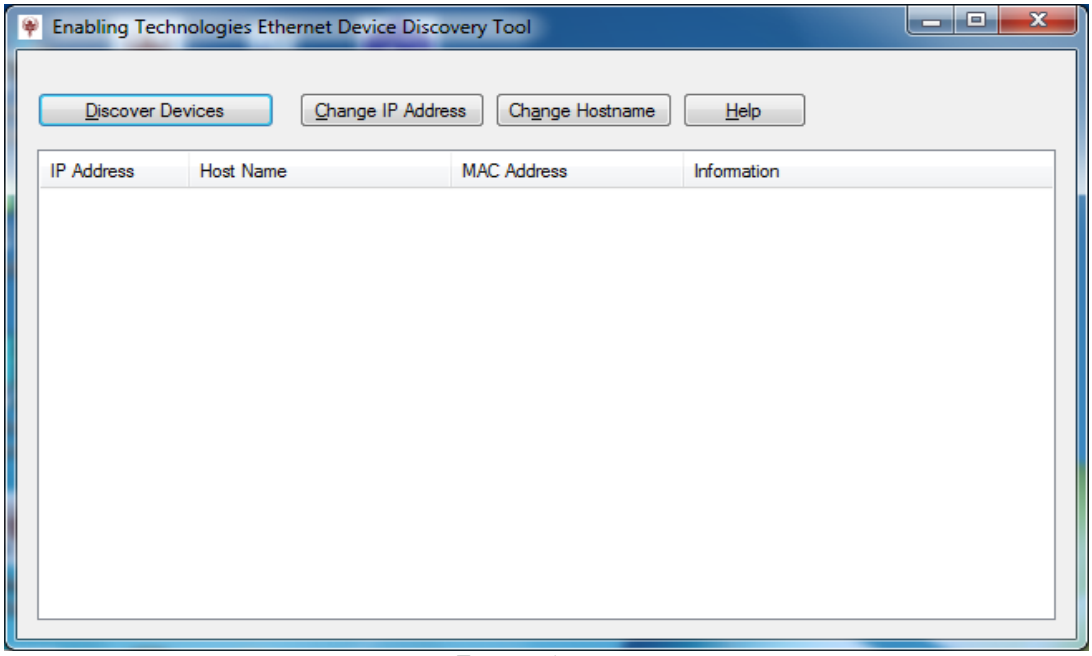

Figure 1

The discovery program will automatically begin searching for your embosser. If it does not, click on the Discover Devices button.

Once your embosser has been found by the program, it will appear in the listview of the discovery window, as shown in Figure 2. If you are using a screen reader, press the Tab key to navigate to the listview, and the IP address will be spoken.

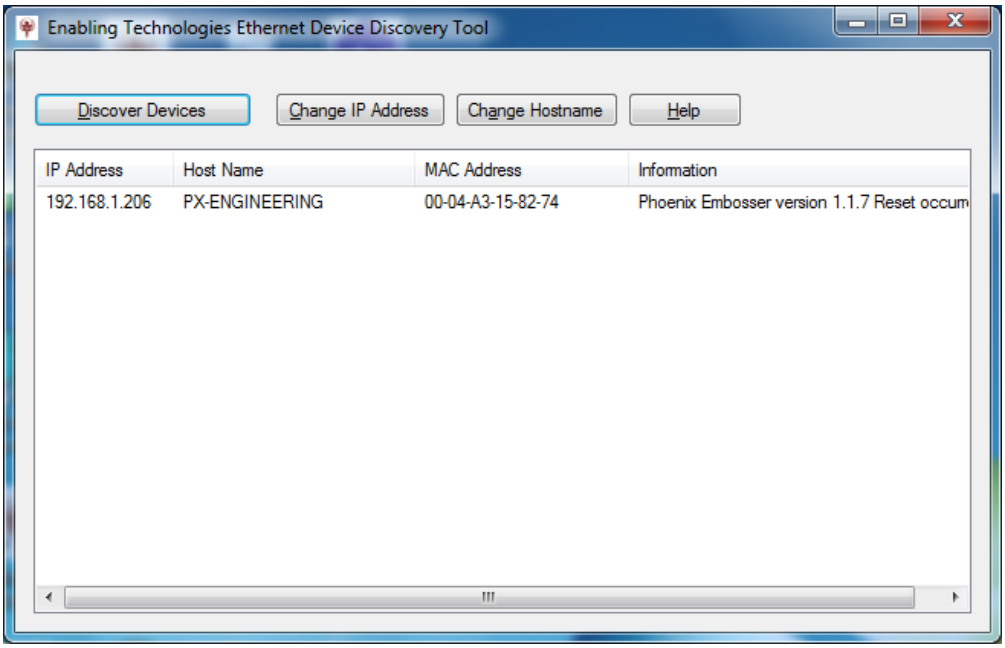

Figure 2

If the IP Address is acceptable, go to the Adding a printer section.

If you need to change the IP Address of your embosser, click on the IP address, or highlight it with the arrow keys, and then click the Change IP Address button. You will be taken to an edit field where you may enter the new IP address. See Figure 3.

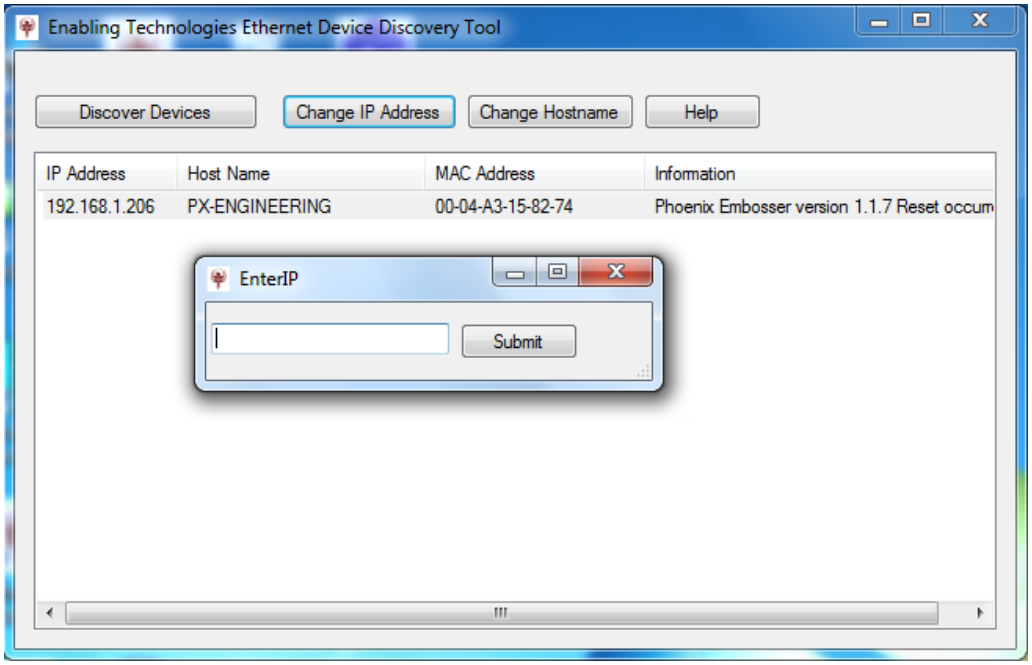

Figure 3

Type in the new IP Address and click the submit button.

Within a few seconds, your new IP Address should appear as in Figure 4.

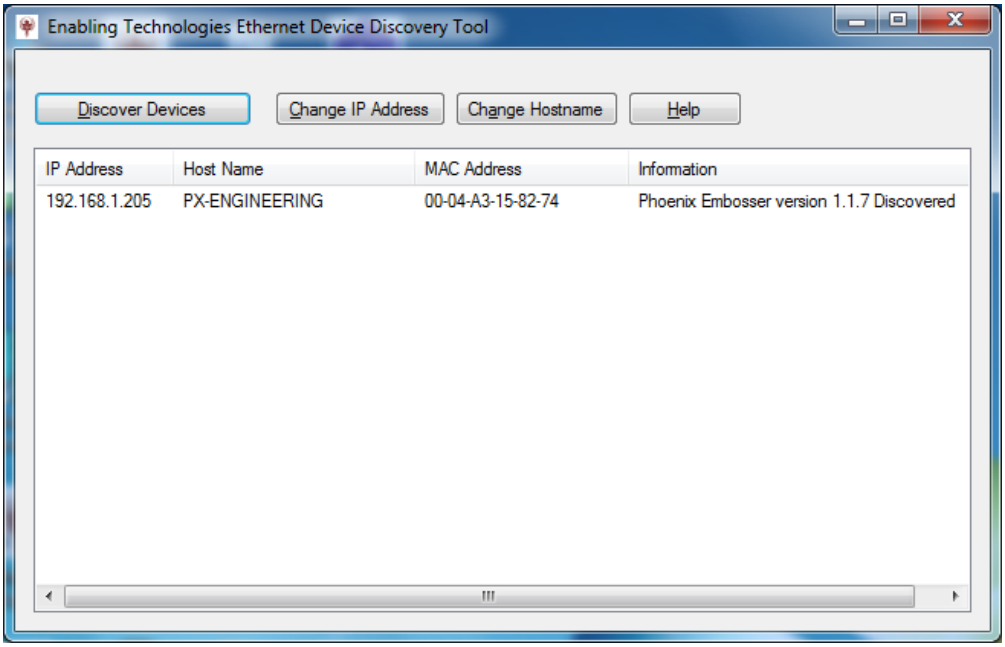

Figure 4

If it does not, click on the Change IP Address button again and repeat the process.

Make note of the IP Address now assigned to your embosser.

You will need this when you add your embosser as a network printer.

Adding A Printer

You are now ready to have your embosser added as a network printer.

Click the Start button on your task menu.

Look for the word “Printers” and click on it. Alternatively, you may type the word "Printers” (without the quotes) in the search field and click on the Printers icon that appears. See Figure 5.

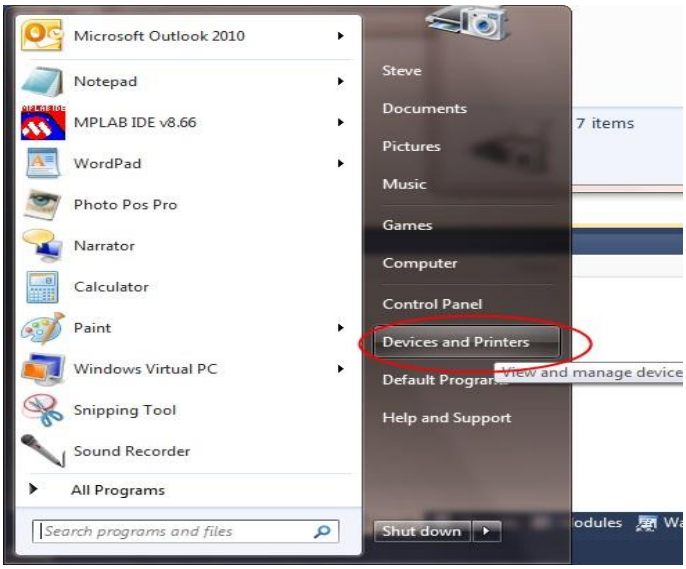

Figure 5

When the Printer window opens, click on “Add a Printer”. See Figure 6.

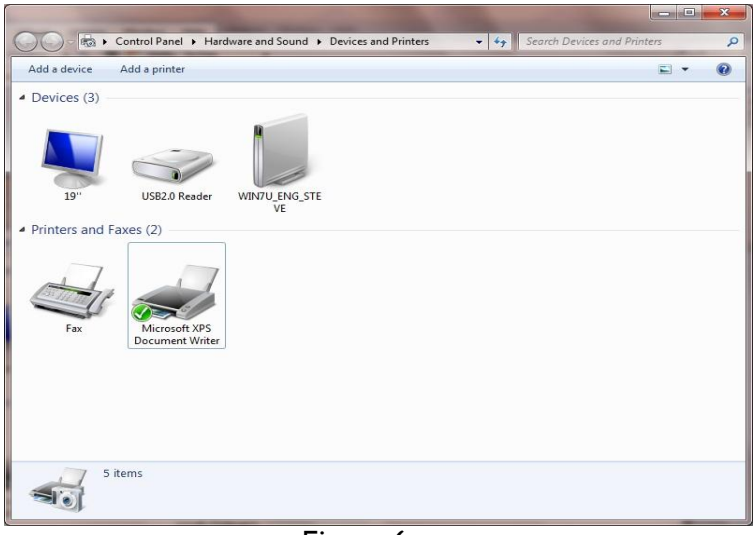

Figure 6

A new window will open that will ask if you want to add a local printer or a network printer. See Figure 7.

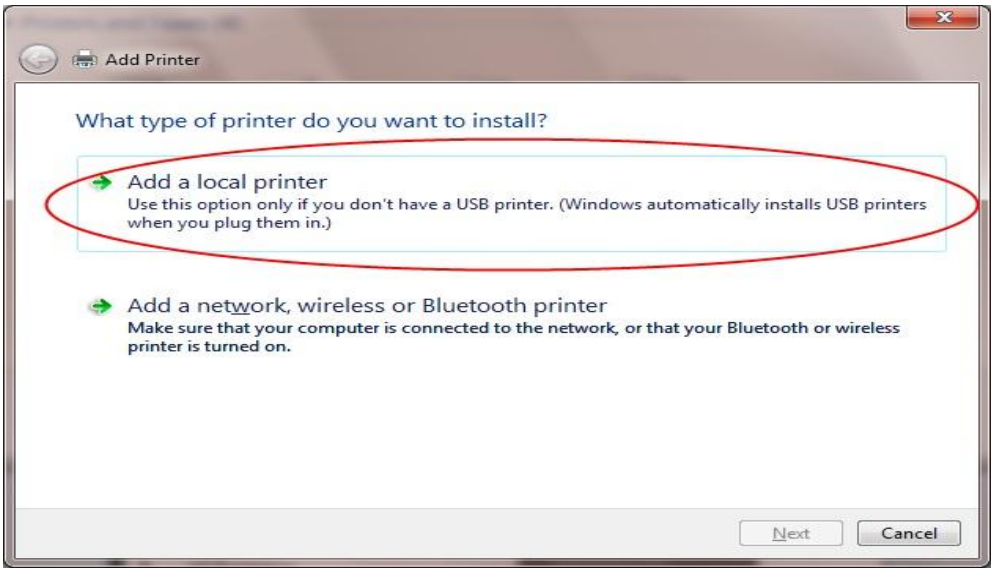

Figure 7

Select “Add a local printer” and click “Next”.

Then a new window will open allowing you to choose what port you will be using. Select the “Create a new port” option. See Figure 7A.

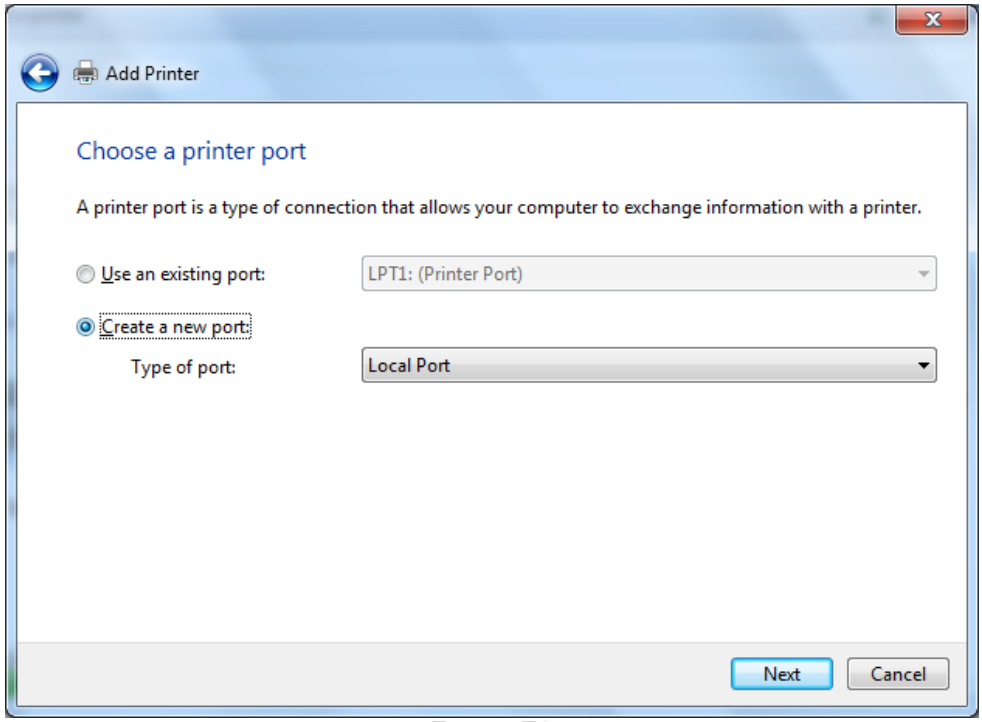

Figure 7A

After you select the “Create a new port” option, go to the drop down menu and select the “Standard TCP/IP Port” option. Then click “Next”. See Figure 7B.

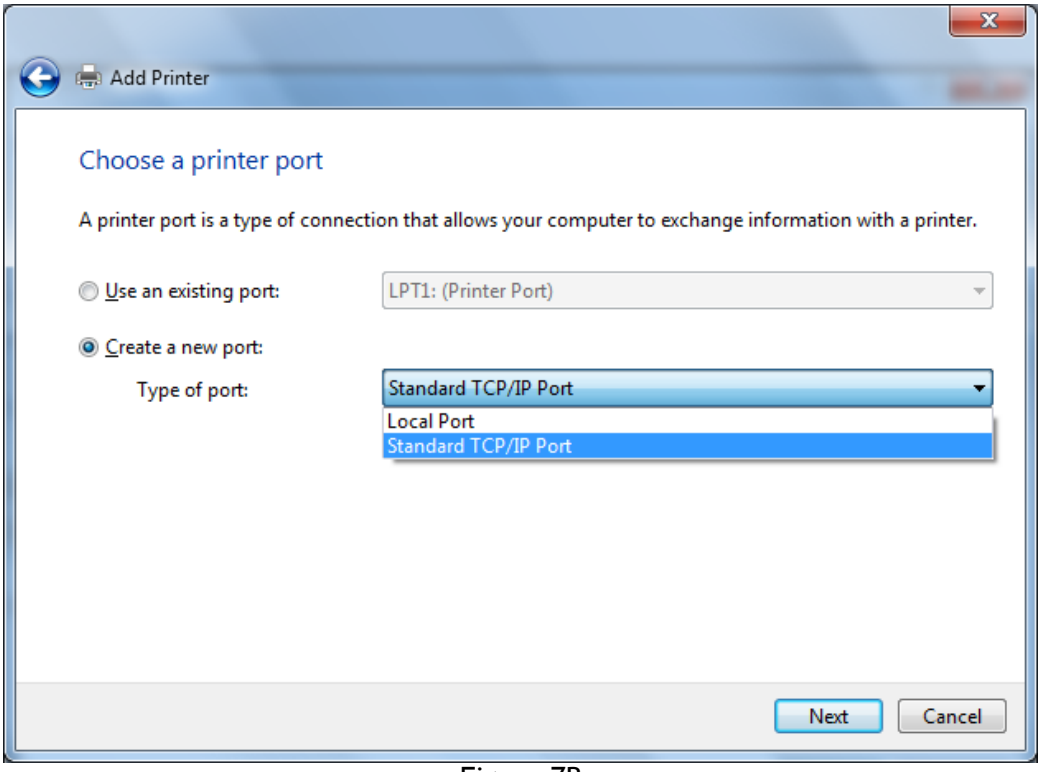

Figure 7B

In the “Hostname or IP address box”, type in the IP address you assigned to your embosser. Then click “Next”. See Figure 8.

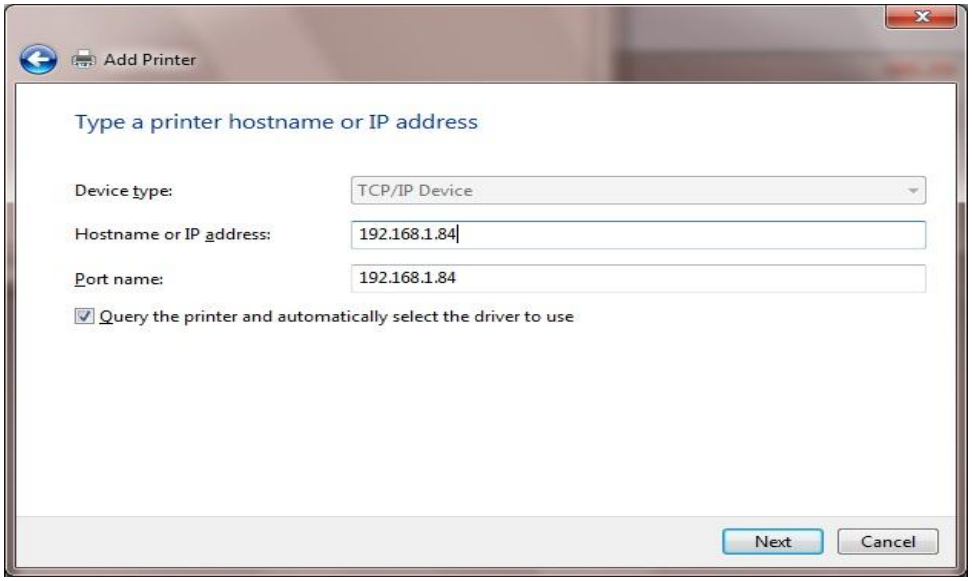

Figure 8

Your operating system will now detect your embosser. See Figure 9.

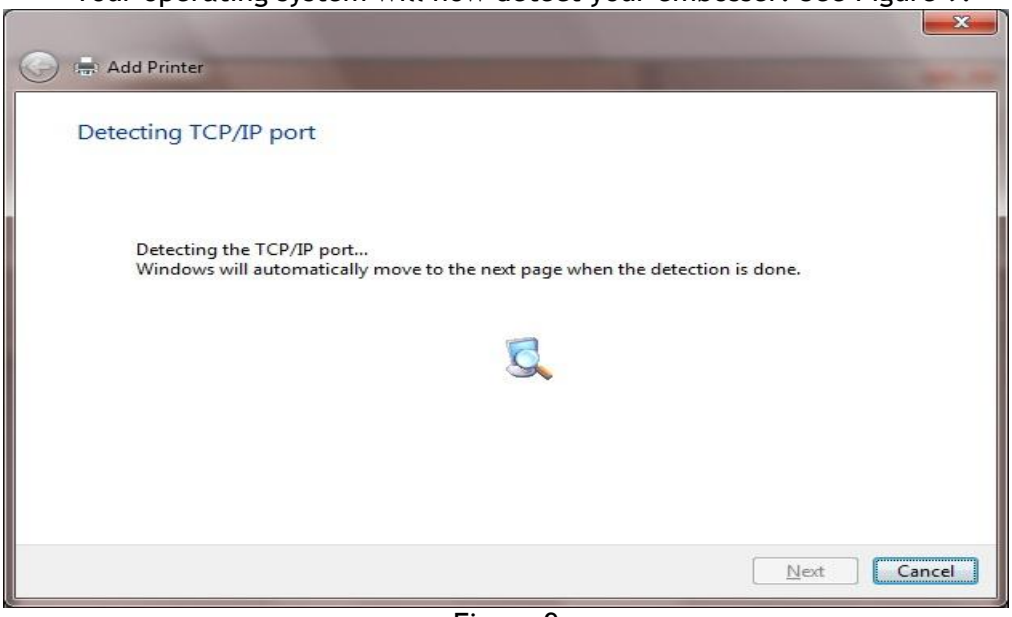

Figure 9

When it does, Windows may ask for additional information. No additional information is needed, so just click the "Next" button to continue. See Figure 10.

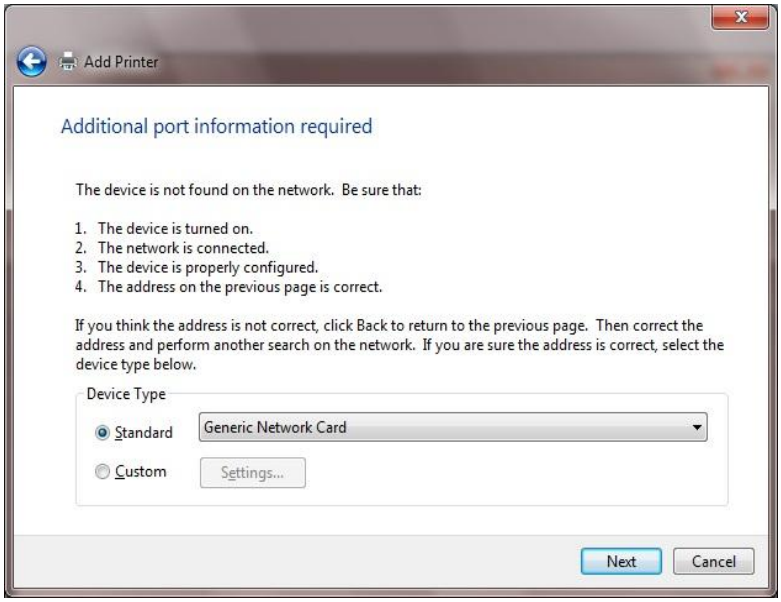

Figure 10

Next, you will select the driver to install. At this time, select the manufacturer as "Generic" and the printer as "Generic/Text Only" and click "Next". See Figure 11.

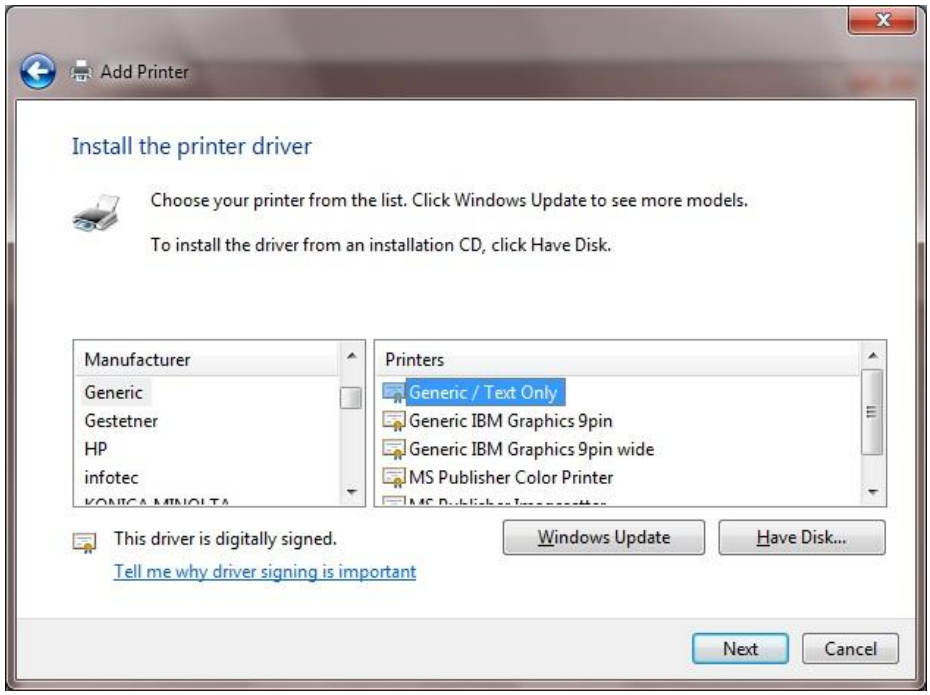

Figure 11

At the next screen, use the provided driver and click “Next”. See Figure 12.

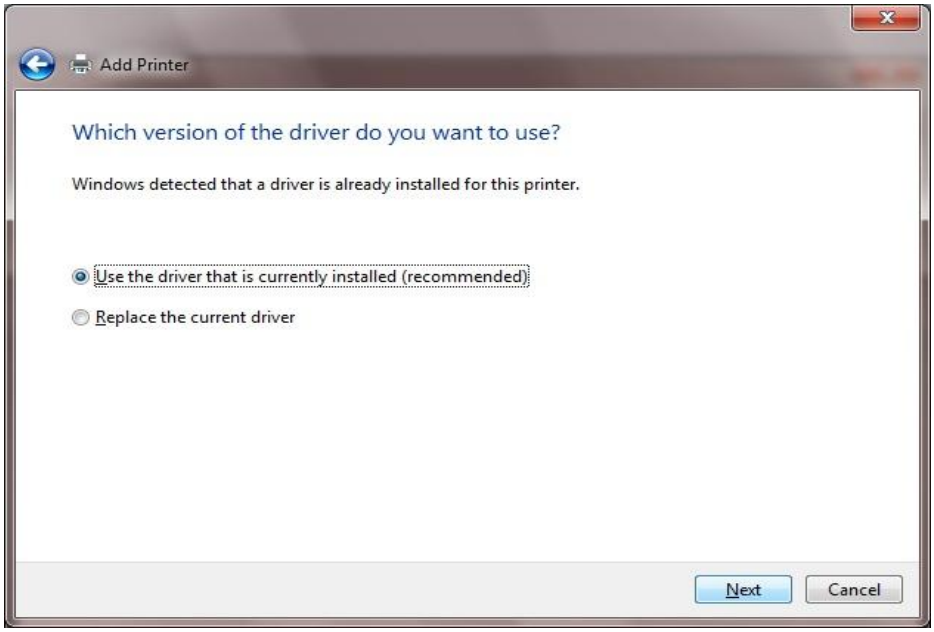

Figure 12

You will now be asked to give your printer a name. In Figure 13 below, we name the printer Phoenix Ethernet. Use whatever name you would like. Then click “Next”.

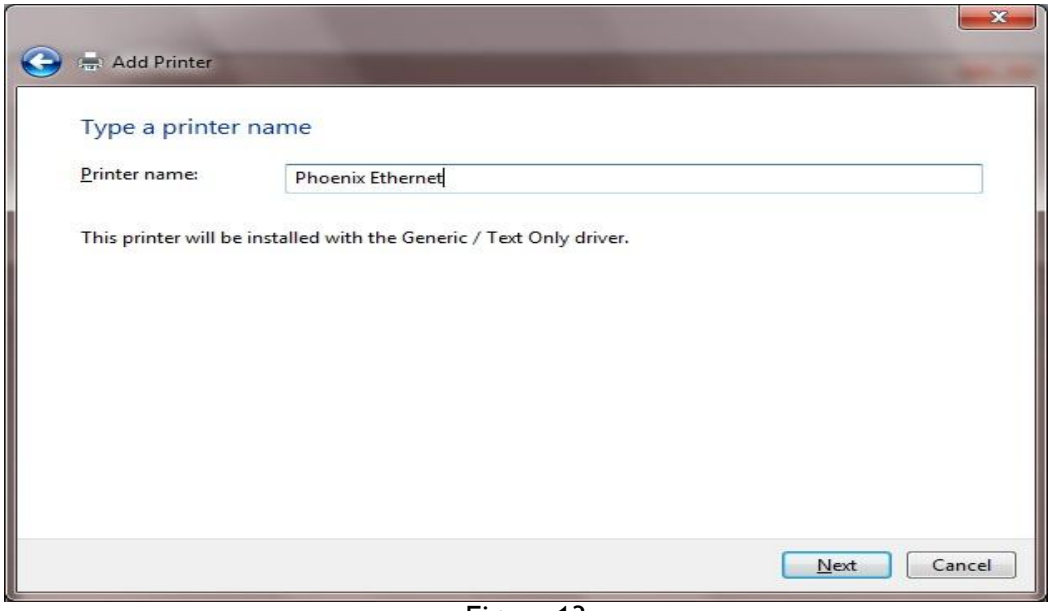

Figure 13

On the next screen, you'll be asked if you want to share this printer.

We chose not to share because the Phoenix is already on your network. Click “Next”. See Figure 14.

Figure 14

On successful completion of these steps, you'll receive a box that states you have successfully added your printer name. See Figure 15.

You may now set your Embosser as your default printer, if this computer is dedicated for embossing to only that embosser.

Click the “Finish” button.

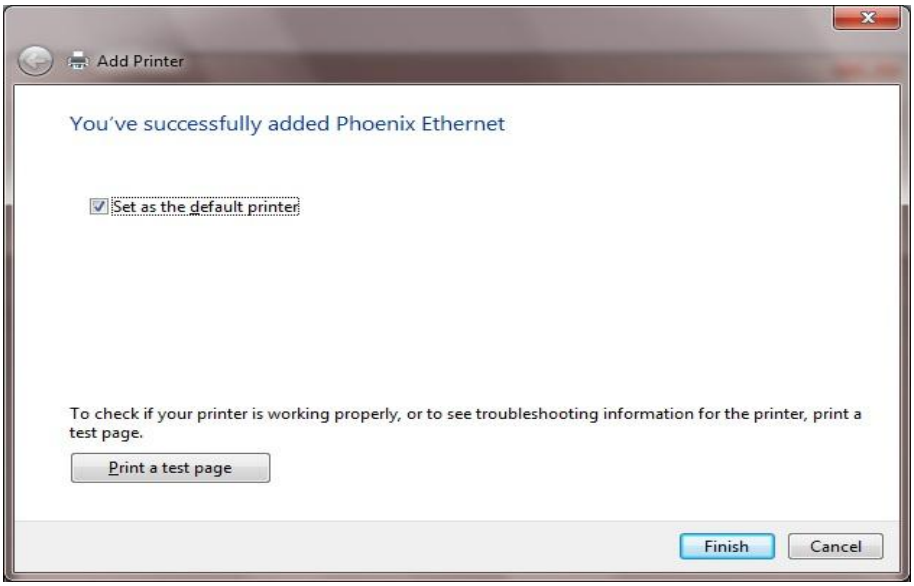

Figure 15

Your new Phoenix Embosser should now appear as one of the printers connected to your computer. See Figure 16.

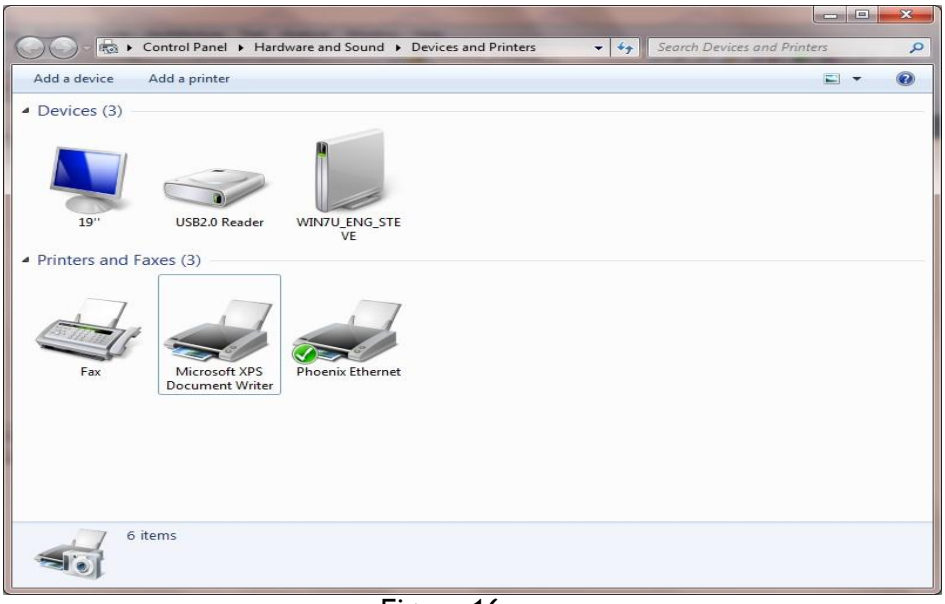

Figure 16