



www.starmicronics.com

USB Installation Guide Windows 2000 and XP



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System Sales Team

USB2.0 Installation Procedure

Before beginning installation:

- Must have a TSP600 (TSP613/643), TSP700 (TSP743) or TSP800 (TSP847) with USB2.0 ready firmware.

Printer	Firmware Version
TSP613 / TSP643	Ver3.2 –b1.1
TSP743	Ver3.2 –b1.1
TSP847	Ver4.3 –b2.1

*** Note: If you have a firmware version that was releases prior to the above-mentioned versions, please contact a Star Micronics Customer Support Specialist today to get your printer updated ***

- Printer being used must have USB2.0 chip on printer USB interface card

*** Note: Interface version can be determined by removing interface card from the back of the printer ***

- If the printer being used has the appropriate firmware version, change the dip switches as follows:

Dip Switch 1- 5 / 1- 6	Functionality	Application
1-5 Off 1-6 On	Vender Class	OPOS
1-6 On 1-5 Off	Printer Class	Normal Windows Operation

- If Using the printer with OPOS, the Star Micronics OPOS drivers (Version 1.4.11 or higher) and the Vender Class Drivers will be required

*** Note: If you do not have Version 1.4.11 of the OPOS driver or the Vender Class Driver, please call a Star Micronics Customer Support Specialist today ***

Once all steps above are completed, installation of the USB port can occur.

To begin installation of the ‘Printer Class’ USB port, go to the next page

To begin installation of the ‘Vender Class’ USB port, go to page 7

To begin installation of the ‘OPOS Drivers’, go to page 14

To start the ‘Add Hardware Wizard’, click on ‘My Computer | Control Panel | Add/Remove Hardware.

The ‘Add / Remove Hardware Wizard’ will open (see next page...)

Installing USB Printer – ‘Printer Class’ Functionality

Prior to beginning the installation of the USB ‘Printer Class’ drivers, it will be necessary for you to obtain:

- The newest Windows Raster drivers (for drivers – www.starmicronics.com)
- Save the driver to your hard drive and extract the driver files that were downloaded

*** Note: Write down the location the driver was extracted to.
This information will be important to know for later reference ***



Connect the printer to the PC and power the printer ‘On’

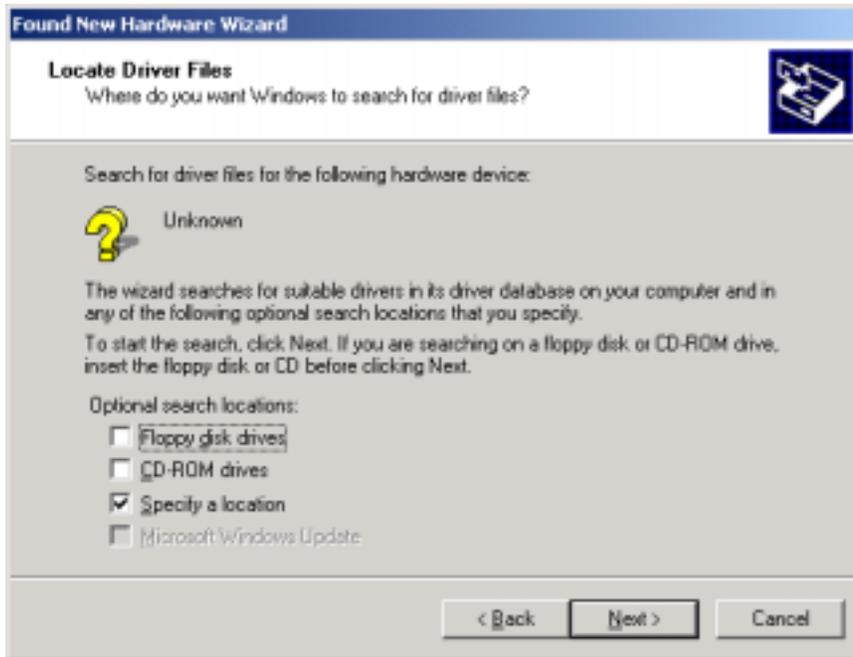
The PC will automatically detect the hardware and the ‘Add New Hardware Wizard’ will appear

Click ‘Next’



Select ‘Search for a suitable driver for my device’

Click ‘Next’

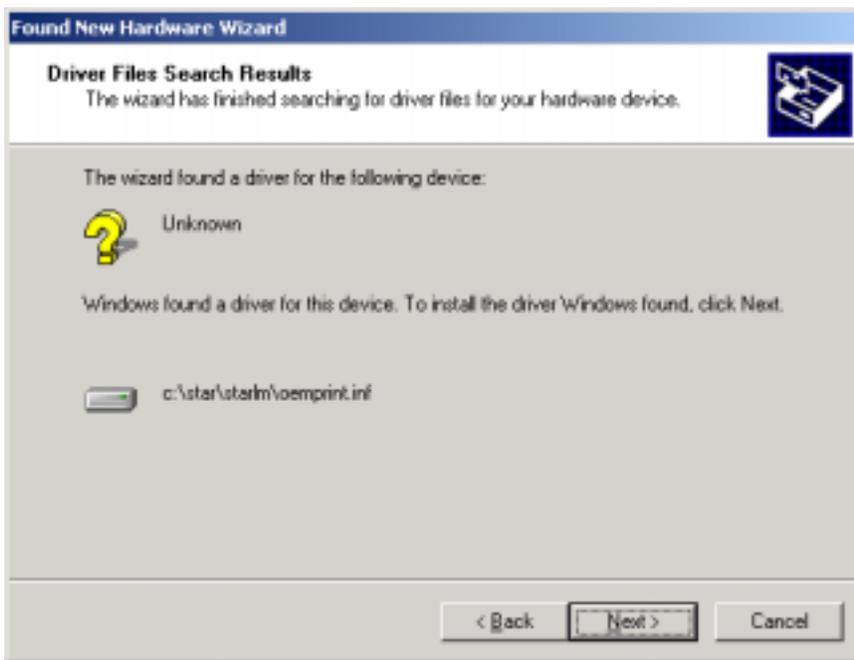


Check 'Specify a location' and uncheck the rest of the options

Click 'Next'



Click 'Browse' and then locate the extracted driver files



Click 'Next'



The 'Digital Signature Not Found' message will appear

Click 'Next'



Click 'Finish'

Once the 'Finish' button is selected, the driver installation will be complete. At this point, the printer will be ready for use.

Installing USB Printer – ‘Vender Class’ Functionality

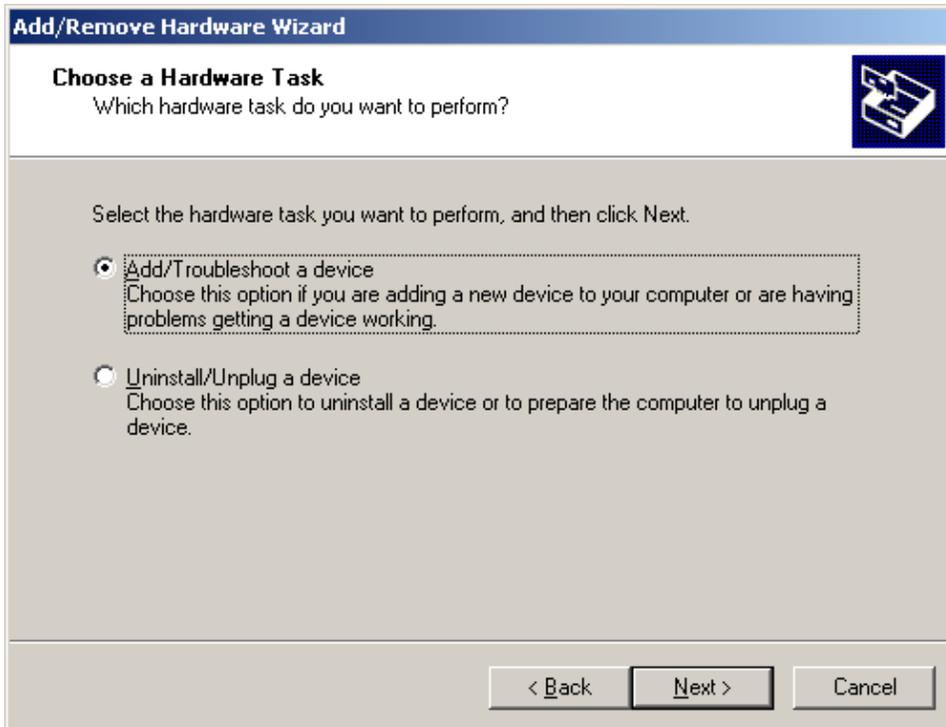
Prior to beginning the installation of the ‘USB Vendor Class Drivers’, it will be necessary to obtain:

- VenderClassDriver_2K-XP_20021031.ZIP
- OPOSPrinter_Win32_20021211 (OPOS Ver1.4.11)

*** Note: Version of OPOS must be at least release 1.4.11 ***



Click 'Next'



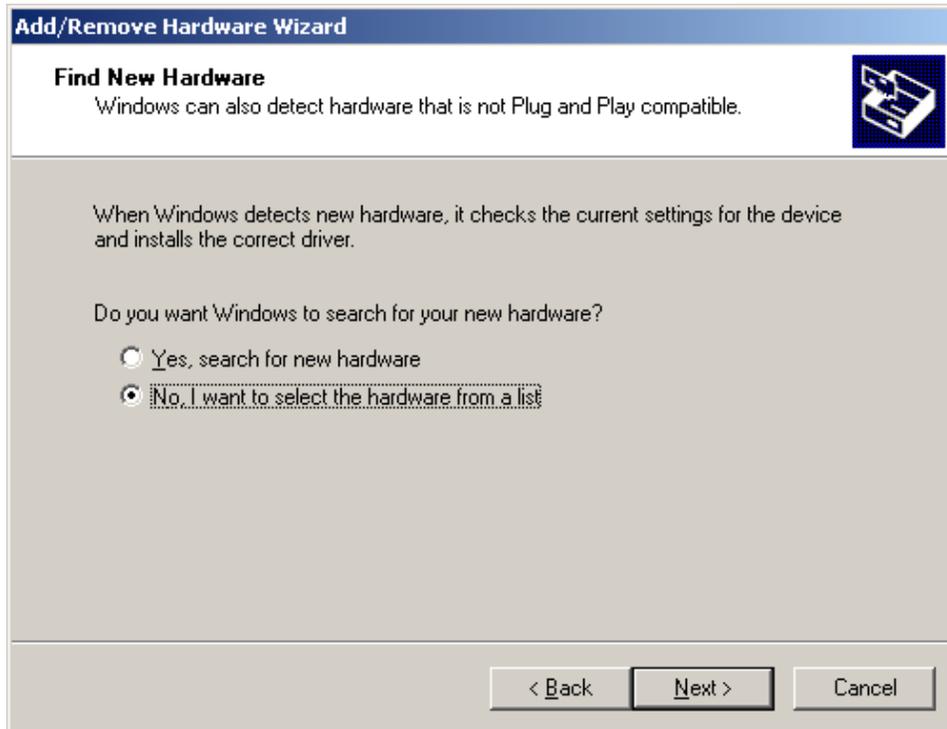
Select 'Add/Troubleshoot a device'

Click 'Next'



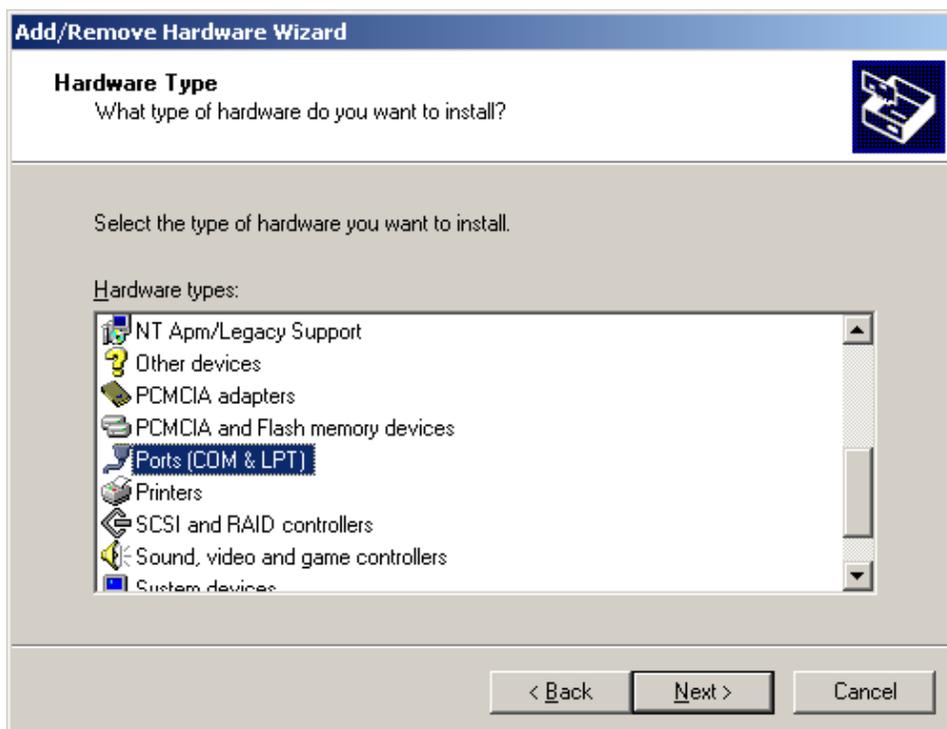
Select 'Add a new device'

Click 'Next'



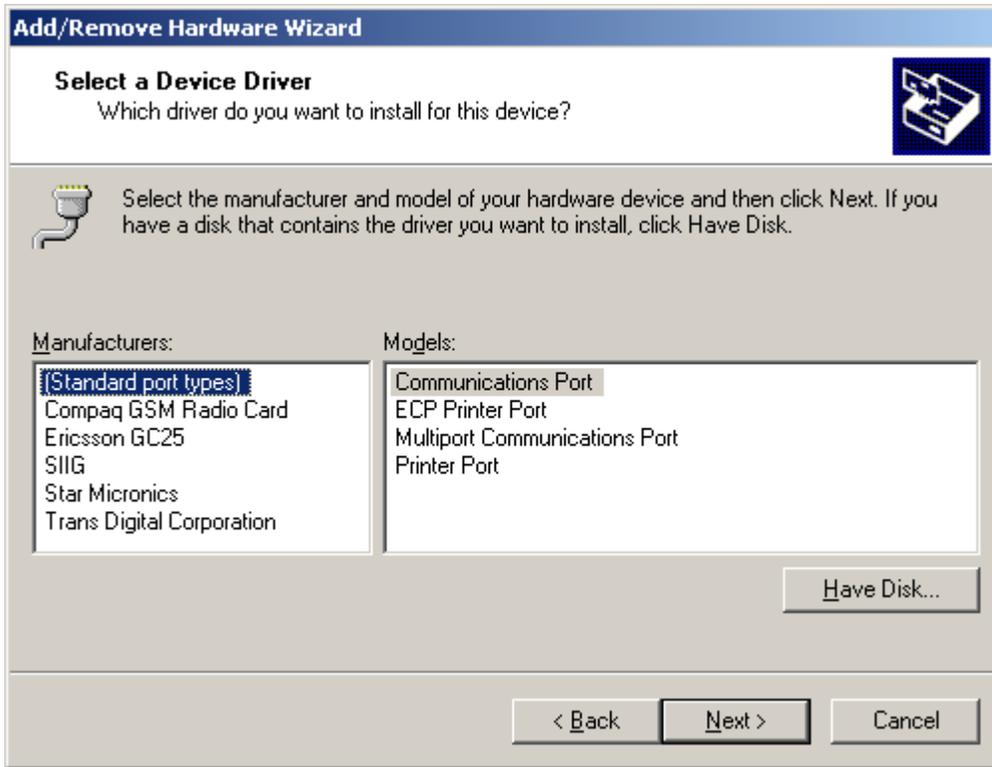
Select 'No, I want to select the hardware from a list'

Click 'Next'



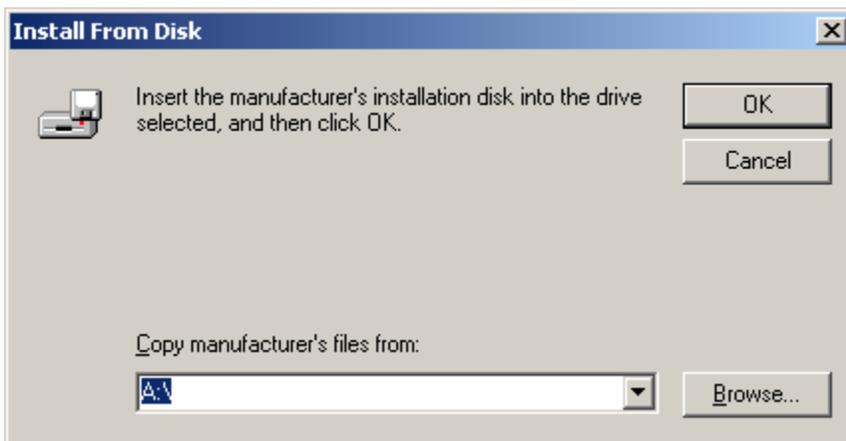
Select 'Ports (COM & LPT)'

Click 'Next'

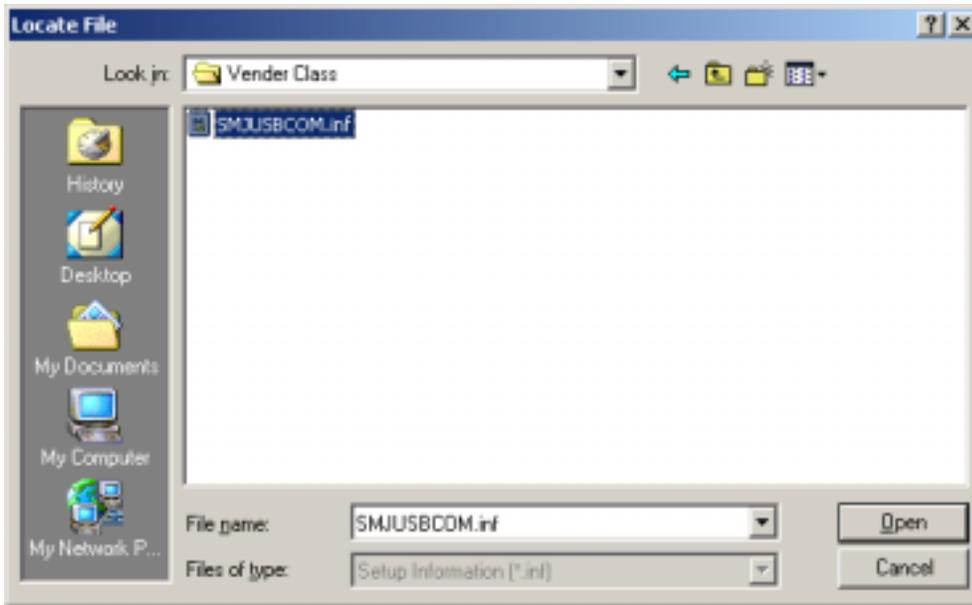


Select 'Have Disk...'

Click 'Next'



Select 'Browse'

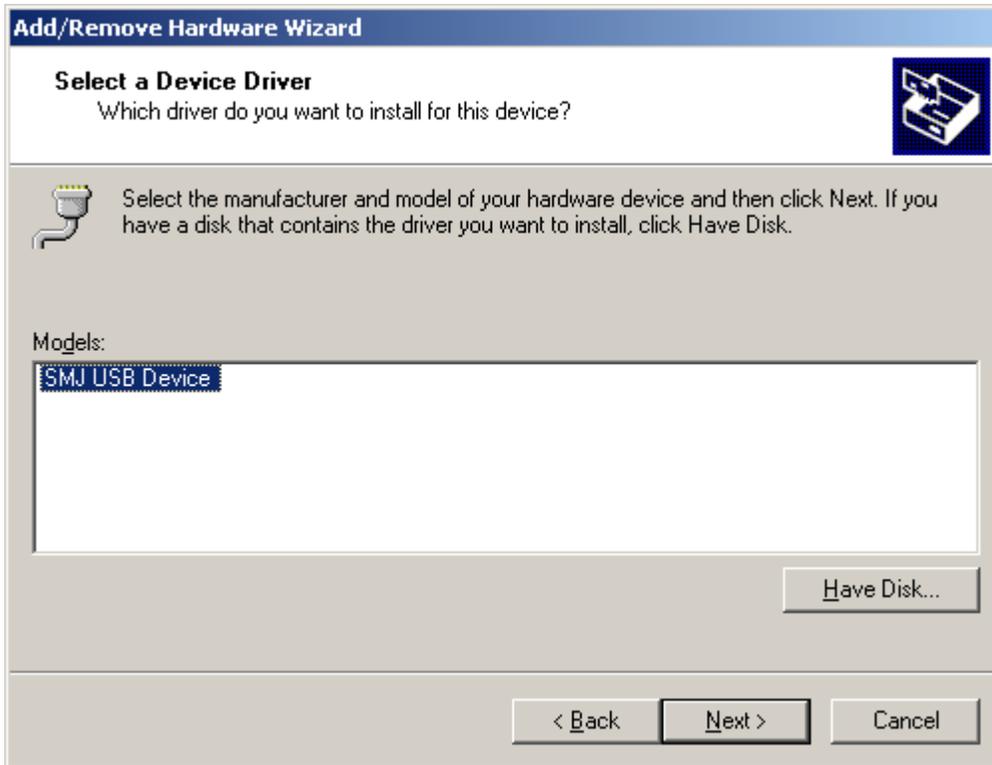


Locate the file
'SMJUSBCOM.inf'

Click 'Open'



Select 'OK'



Select 'SMJ USB Device'

Click 'Next'

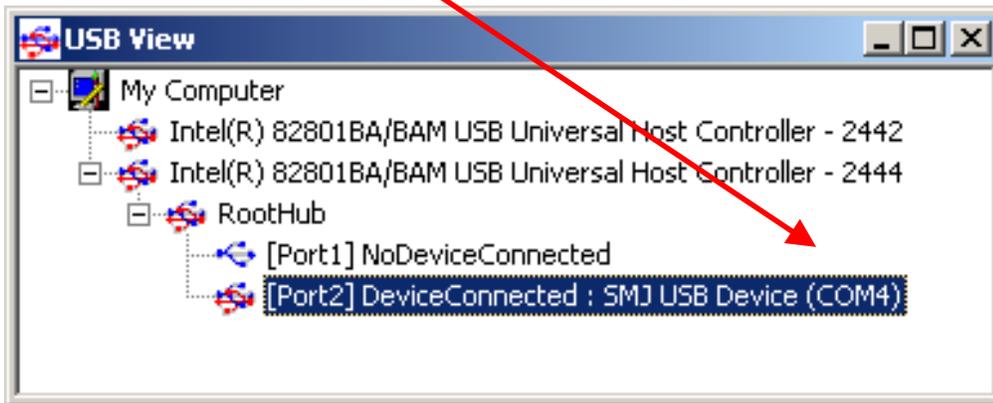


Click 'Finish'



When prompted to restart your computer, select 'Yes'

***** VERY IMPORTANT *****



After the PC restarts, run 'DeviceView.exe'
The COM port assigned to the printer is defined here

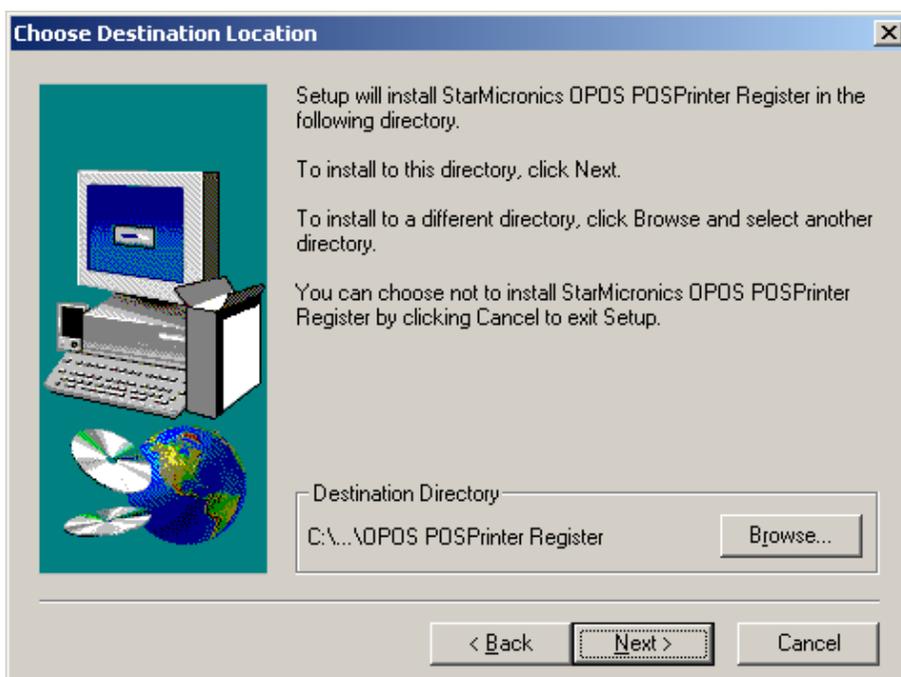
Installing OPOS drivers

*** Note: Should be performed after installing the 'Vender Class' drivers ***

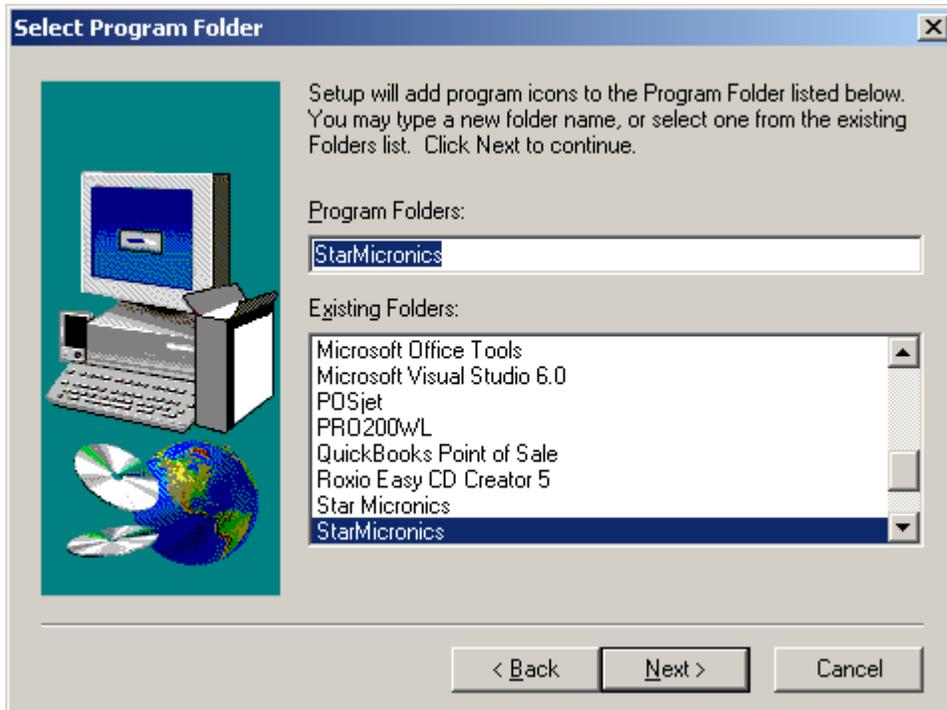


Extract the driver files and select the 'Setup.exe' file to begin installation

Select 'Next'



Click 'Next'



Click 'Next'



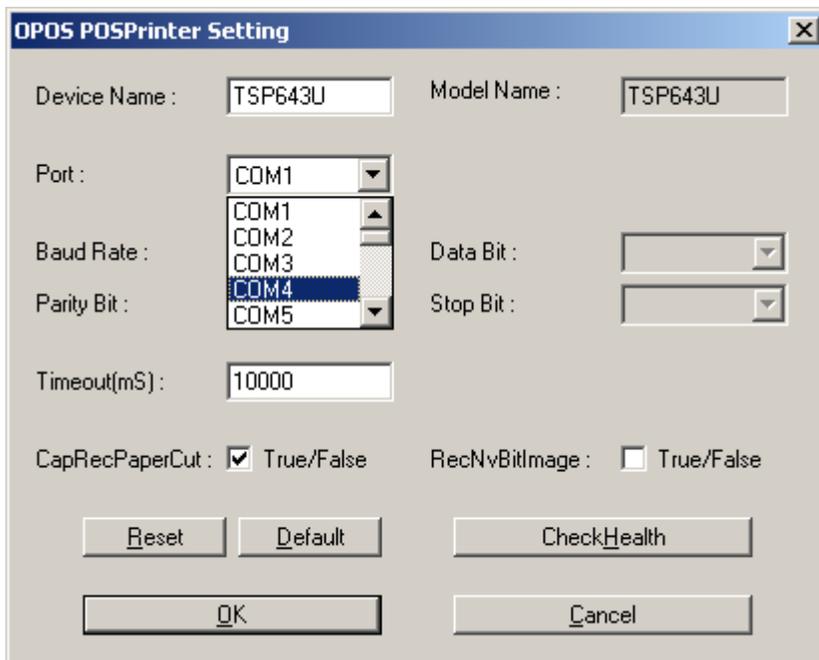
Click 'Next'



Register the printer(s) that will be used with OPOS

*** Note: Service Objects ending in 'U' are referencing USB Printers ***

*** Note: Select 'Control Object' if program development is planned ***



Once a printer is registered, 'OPOS POSPrinter Settings' can be changed

Select the COM port defined by DeviceView (Vender Class' setup)

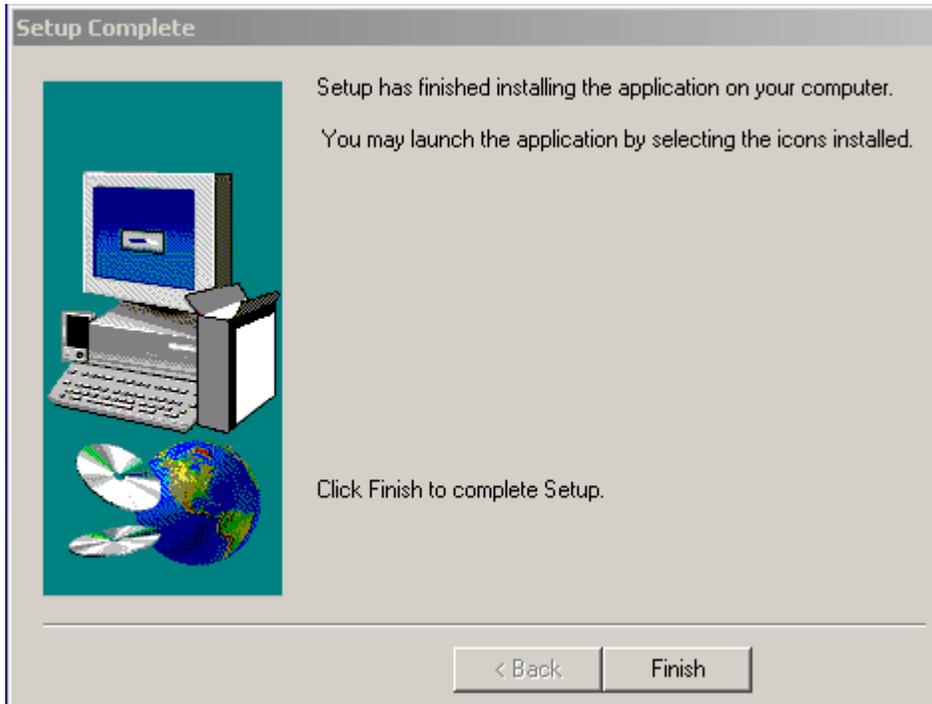
Click 'CheckHealth' to verify functionality

Click 'OK'



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Click 'Finish'

Support

If you have any questions on the setup or installation of the drivers or utilities listed above, please contact a Star Customer Support Coordinator today for further assistance.

Star Micronics America

Phone Support: 732.623.5555
Email Support: userhelp@starmicronics.com