Installation of WANPIPE Network Drivers on W2K/XP/W2K3.
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PLEASE NOTE: THIS CD MAY CONTAIN MANY DIFFERENT DRIVERS AND APPLICATIONS THAT RUN ON THE CARD YOU HAVE PURCHASED. YOU CANNOT THEREFORE ASSUME THAT THE AUTOMATIC SEARCH FACILITY IN THE 'NEW HARDWARE' WILL FIND THE CORRECT DRIVER FOR YOUR APPLICATION.

STEP 1 for S514 PCI Card.

On W2K/XP/W2K3 no hardware resources need to be specified for the S514, as the operating system/BIOS takes care of resource allocation.
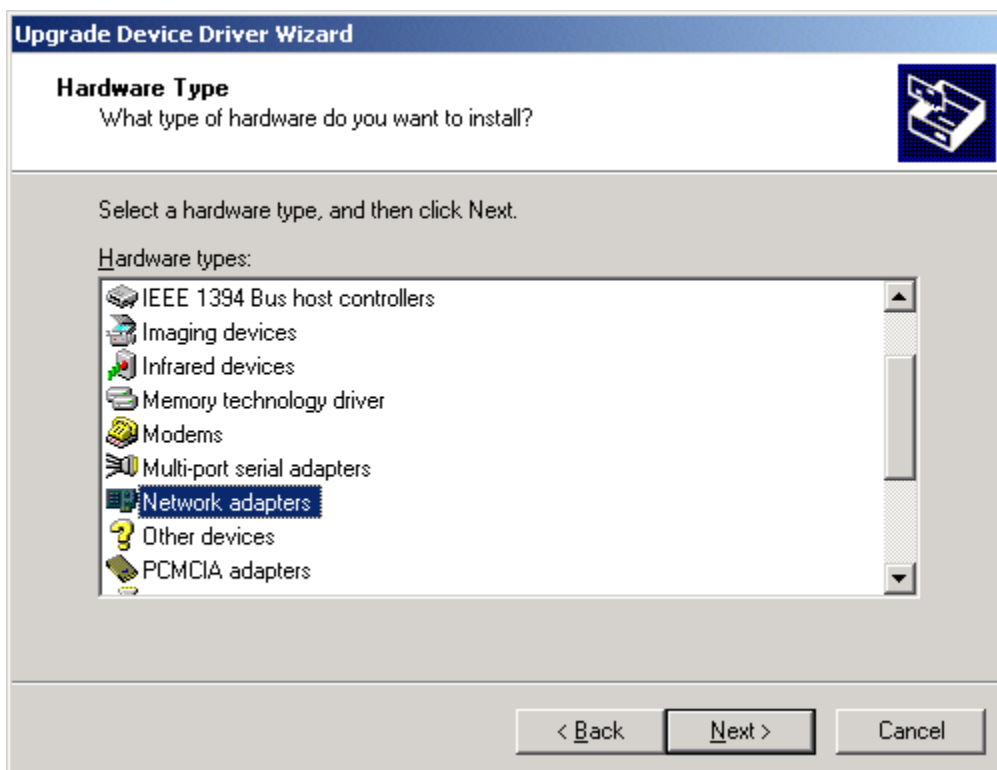
Plug in S514 PCI adapter and boot your system.
Found New Hardware Wizard will start automatically.

Click on "Next", choose "Display a list of the known drivers for this device...",
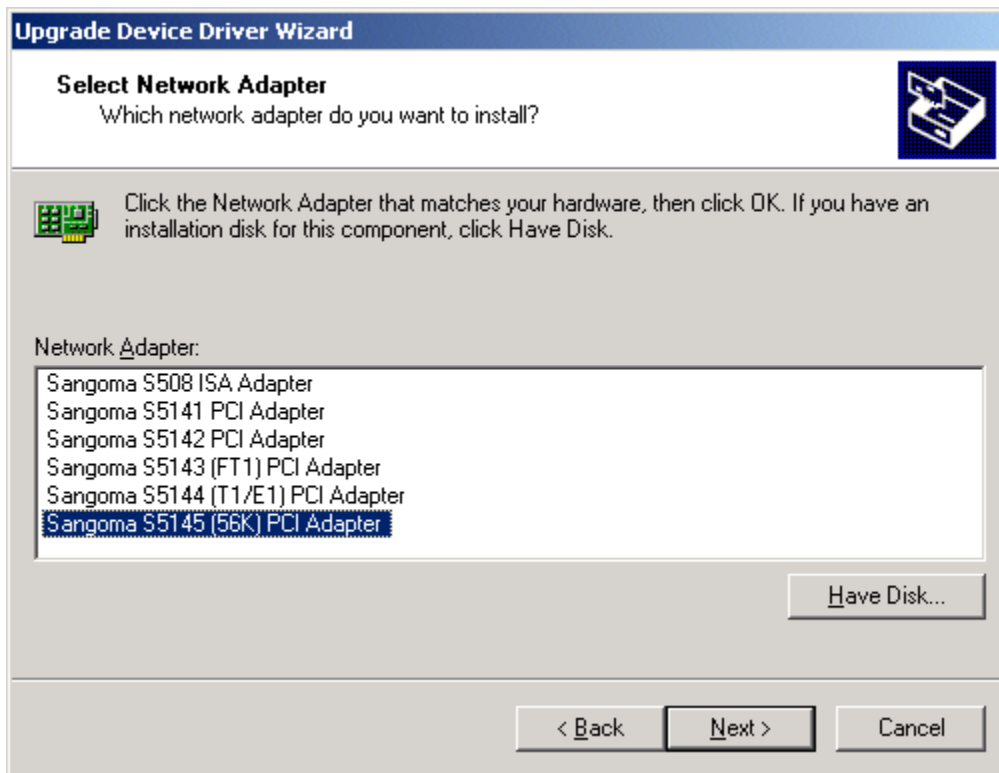
click "Next".

In "Hardware Types:" choose "Network adapters", click "Next" then "Have Disk..." and browse to the directory on distribution disk where this

file is located.

Click "Ok" and a list of Sangoma card types will be presented.
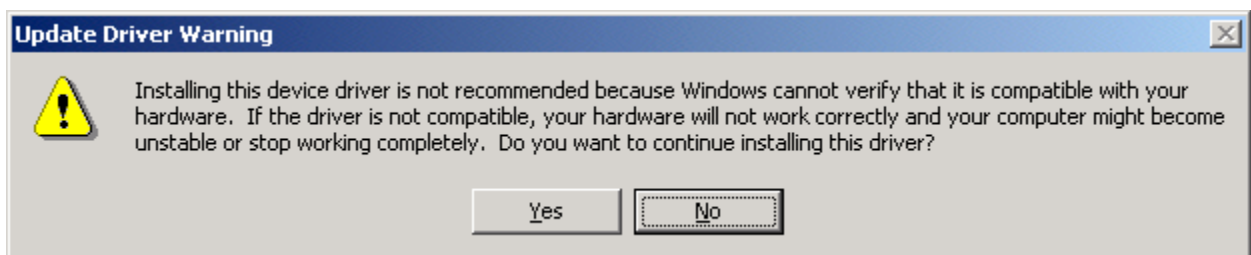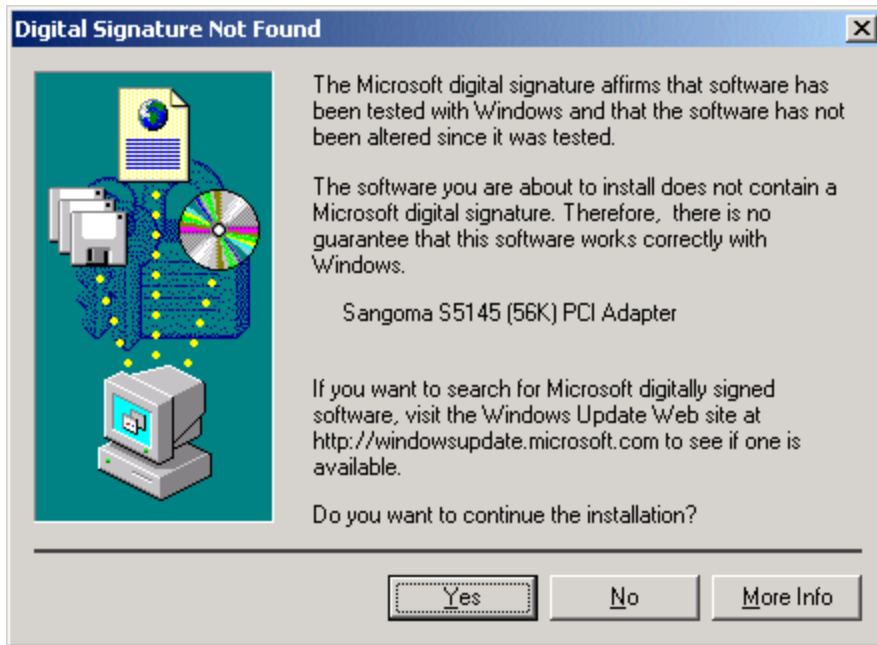

Choose the one you plugged into your system.
For example : "Sangoma S5145 (56K) PCI Adapter".
Click "Next".

If "Update Driver Warning" appears, you've chosen a
wrong type of the card, click on "No" so you will be able
to choose again.

If "Digital Signature Not Found" warning appears click on "Yes".

Digital Signature Not Found

The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.

The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.

Sangoma S5145 (56K) PCI Adapter

If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.

Do you want to continue the installation?

[Yes] [No] [More Info]

After that step the driver will be installed and started.
When the driver starts, one or two (on S5142 card) "Virtual Sangoma
Adapters" will be enumerated and the system will ask you for
drivers for these new devices.
Please proceed to "STEP 2" to complete the installation.
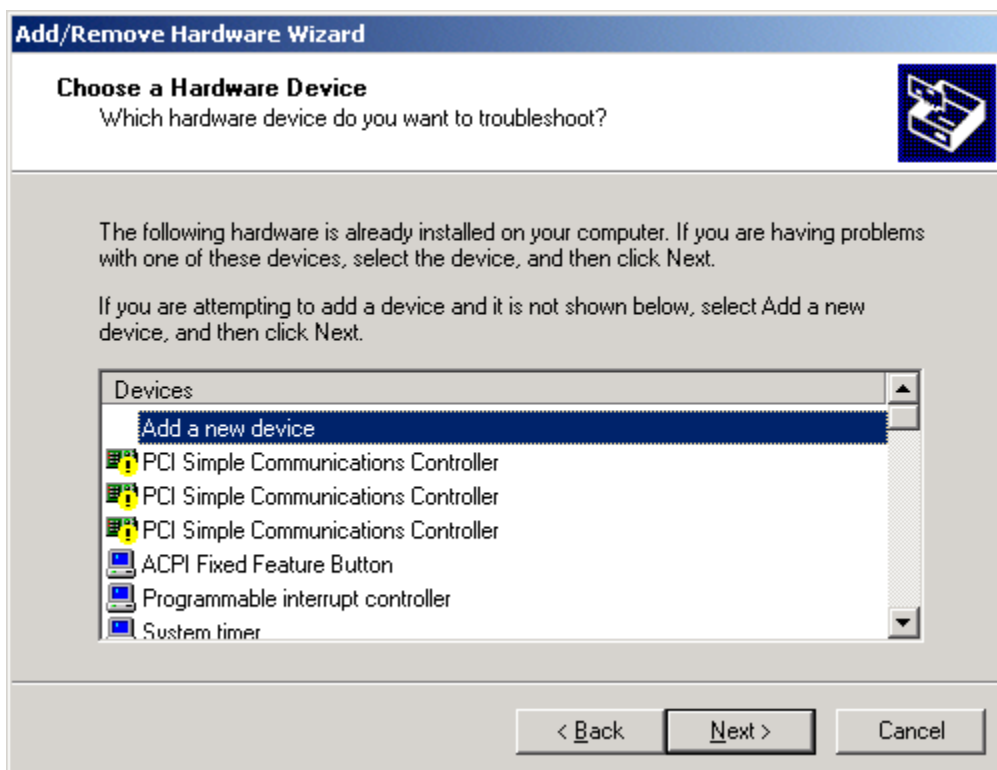

STEP 1 for S508 ISA Card.

Plug in S508 ISA adapter and boot your system.
In "Control Panel" open system properties by double-clicking
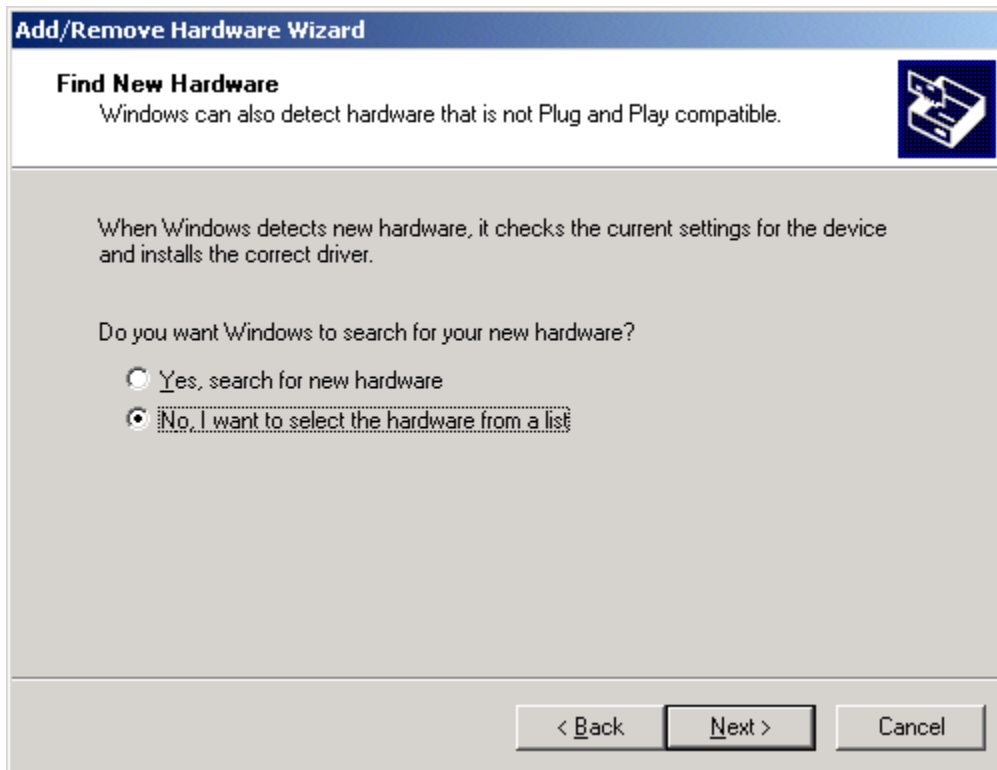on "System" icon.
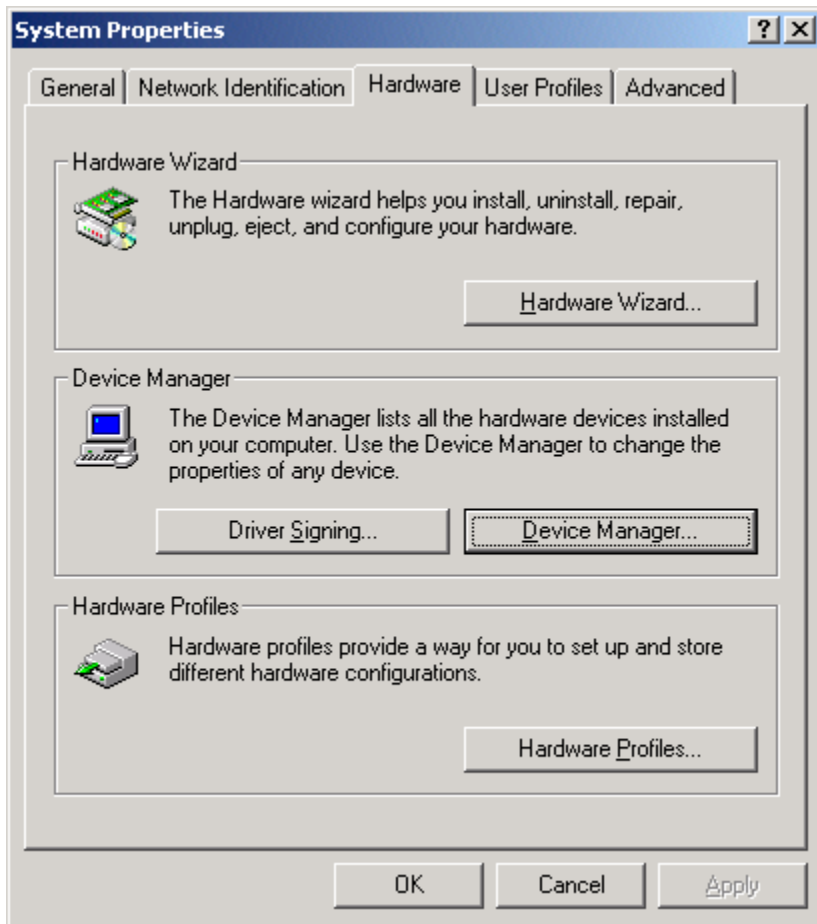
Click on "Hardware Wizard..." button to start the "Hardware Wizard".
Click "Next" button, choose "Add/Troubleshoot a device" option
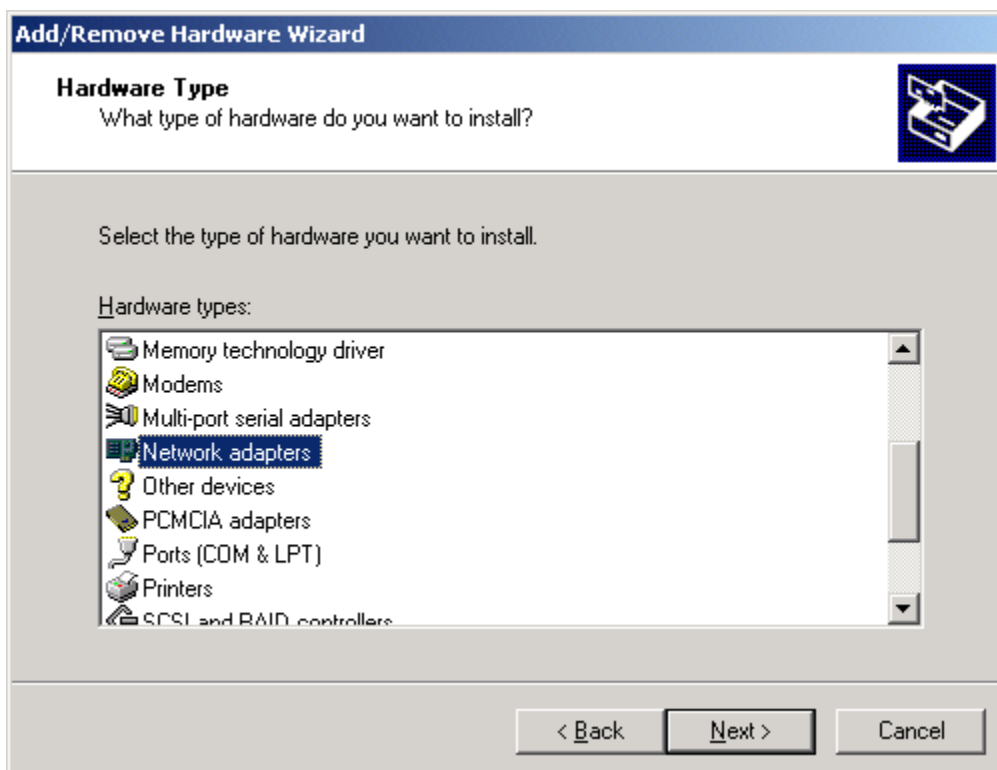and click "Next".
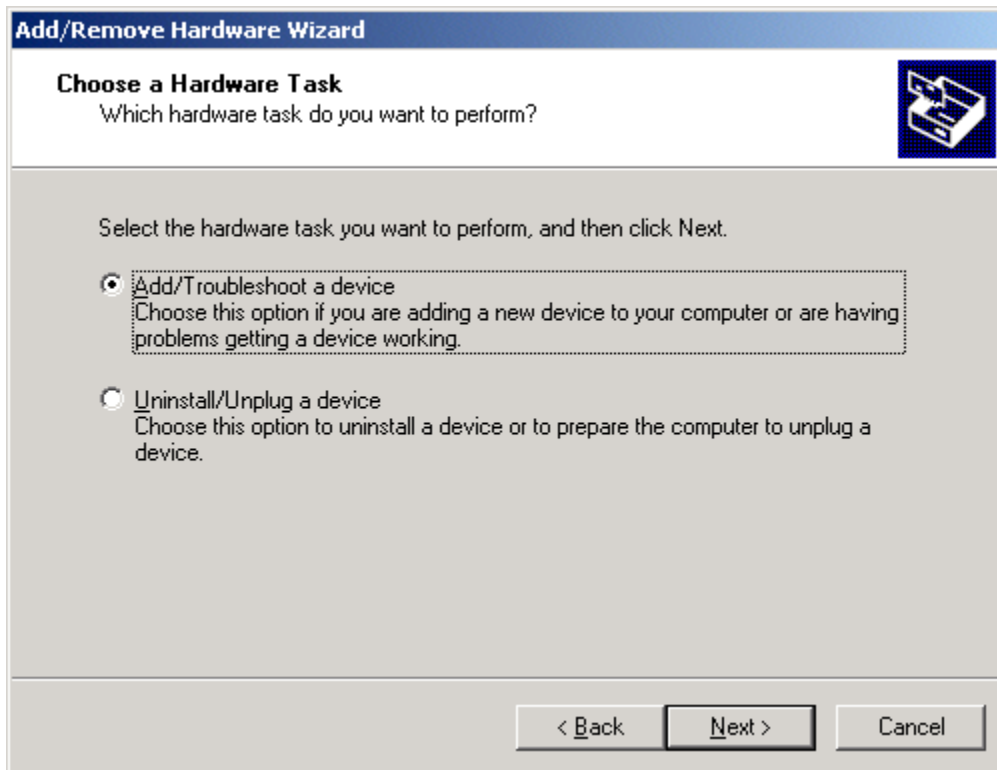
Choose "Add a new device" option.

Click "Next" and choose "...Select the hardware from a list" option.
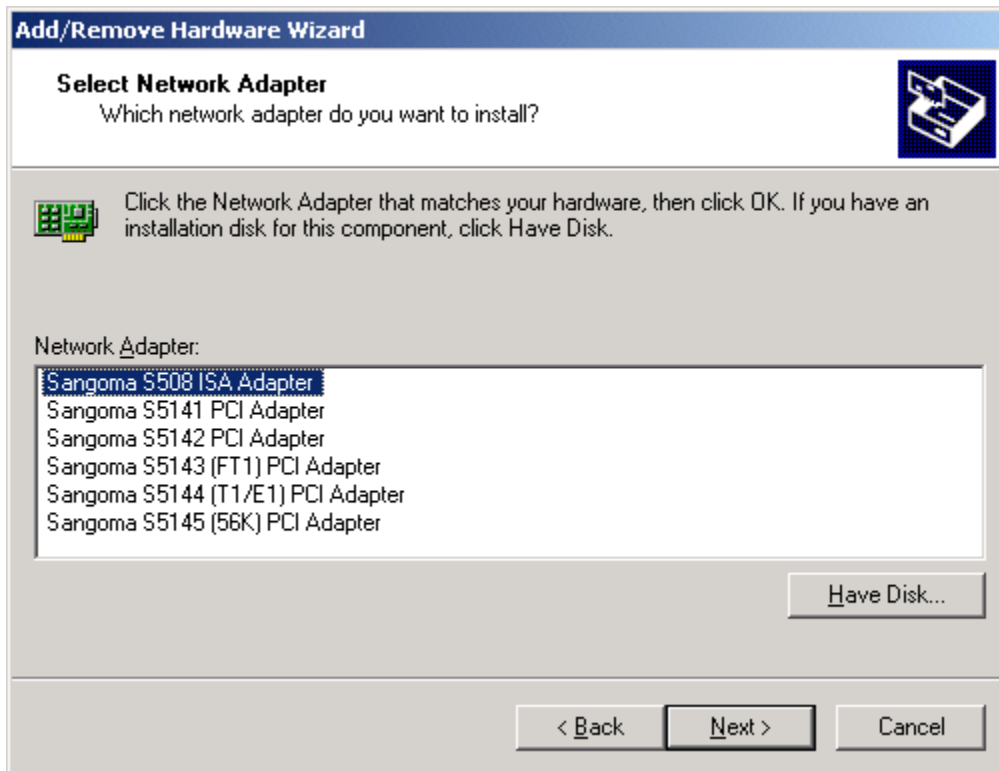
Select "Network adapters" from the list of hardware types.

Click "Next", "Have Disk..." and browse to the directory on
distribution disk where this file is located.
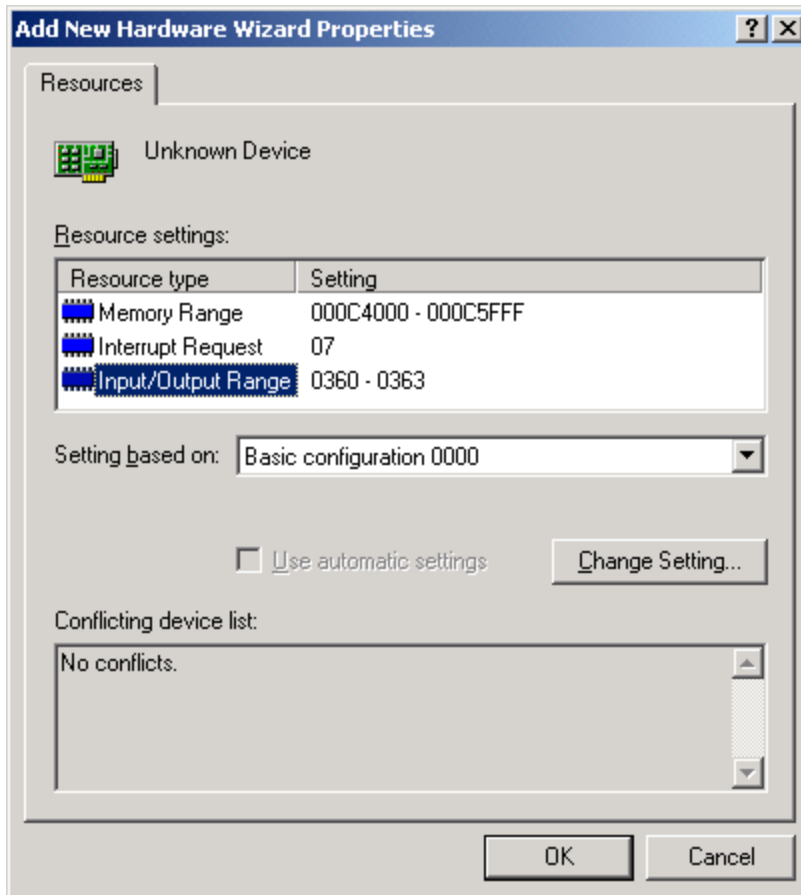
Click "Ok" and a list of Sangoma card types will be presented.

Select "Sangoma S508 ISA Adapter", click "Next".

When "Windows could not detect the settings of the device..." message appears click on "OK".

Select each resource and set it to the correct value.

Click "OK" and "Next".

When "Digital Signature Not Found" warning appears click on "Yes".
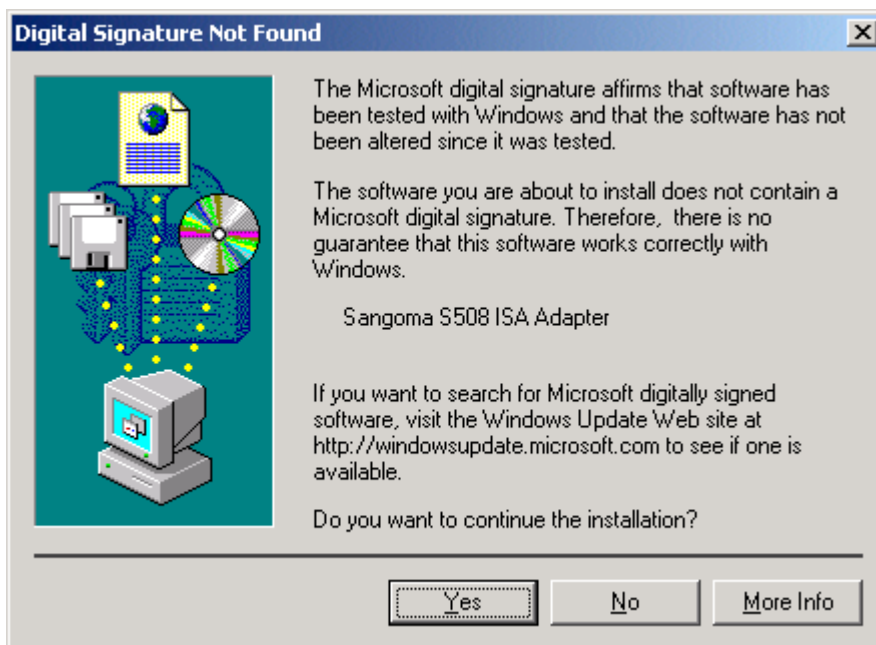
After this step you will be asked to restart your system.
When the system is restarted a "Sangoma Virtual Adapter 01"
will be enumerated by the PnP manager.
Please proceed to "STEP 2" to complete the installation.

STEP 2 (common for both S514 and S508 cards).

If the installation is done from a CD please choose the
"Search for a suitable driver for my device" option

and choose search location "CD-ROM drivers".
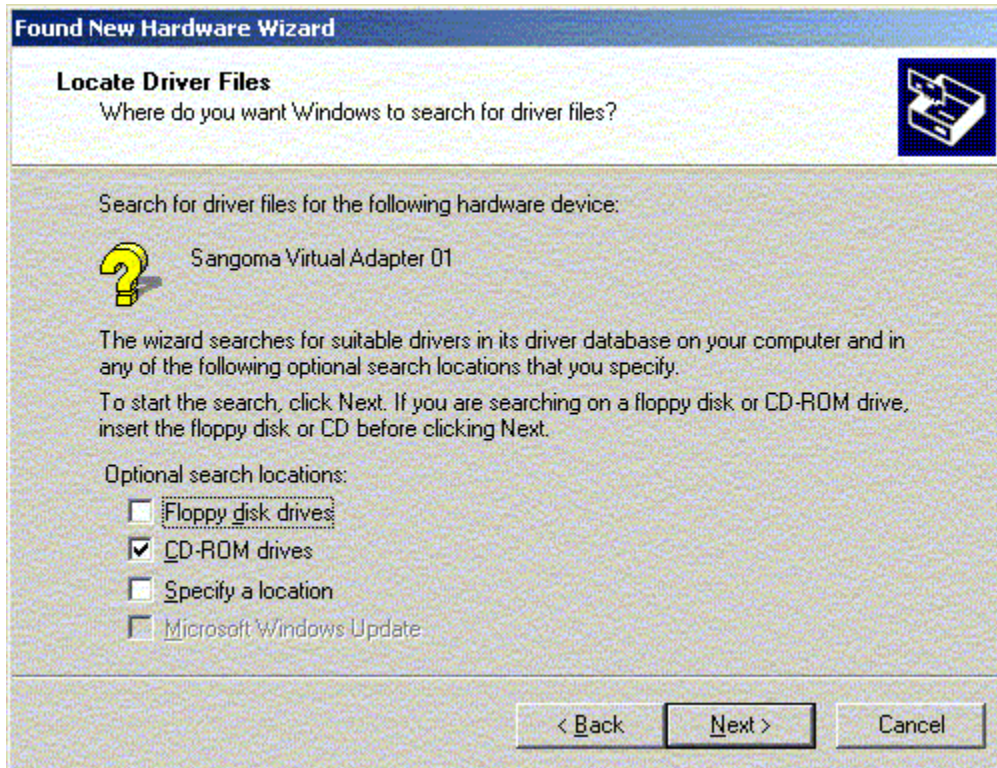
The system will find the correct driver.

If installing from other media, please browse into "W2K_XP_W2K3\Virif" directory and choose the driver corresponding to the card type.
For example: if "Sangoma S5145 (56K) PCI Adapter" is installed the next level driver will be "Sangoma WAN Connection Driver (on S5145)"
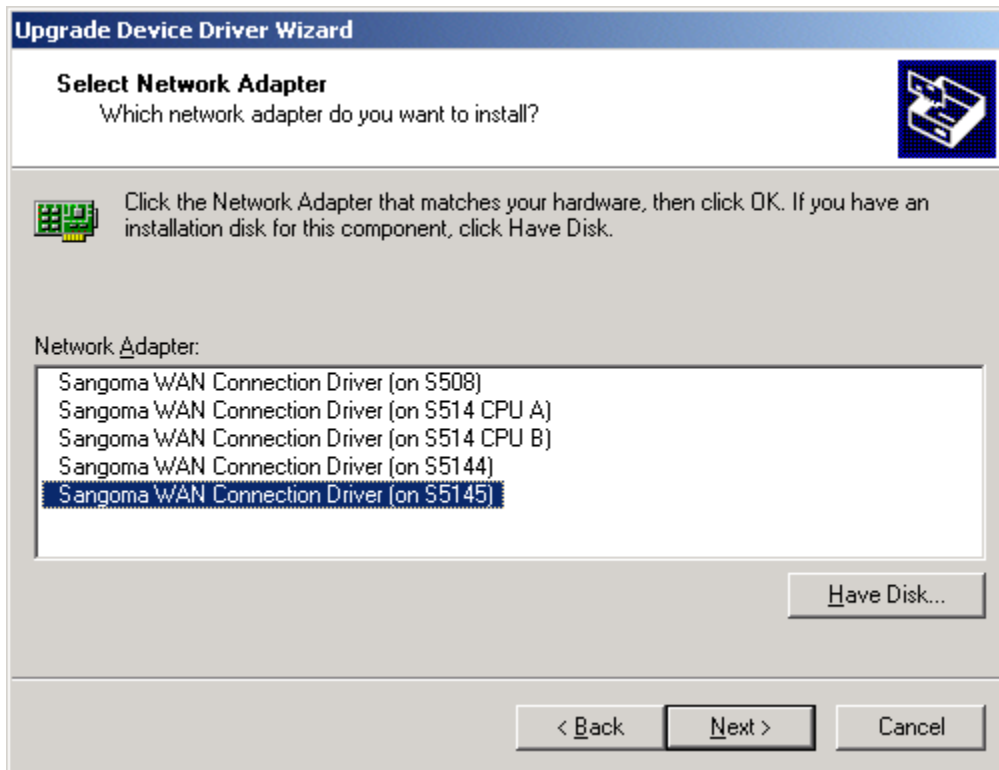
Click "Next".

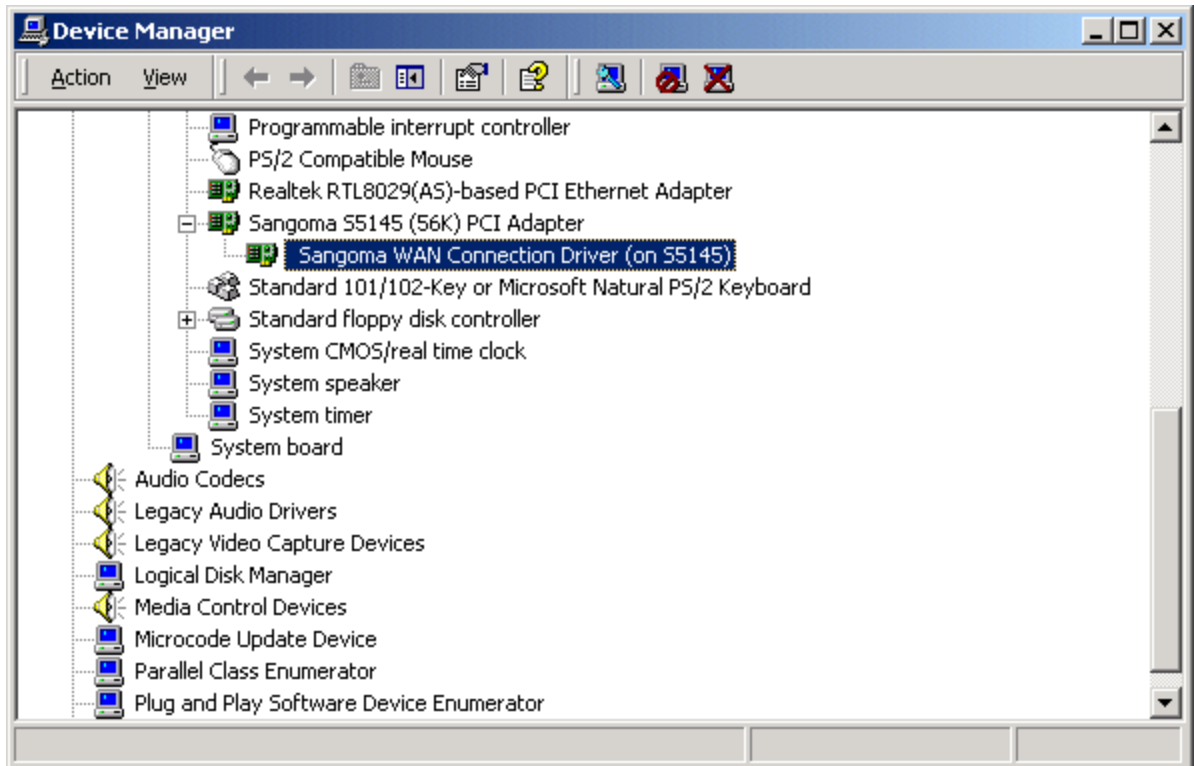When "Digital Signature Not Found" warning appears click on "Yes".
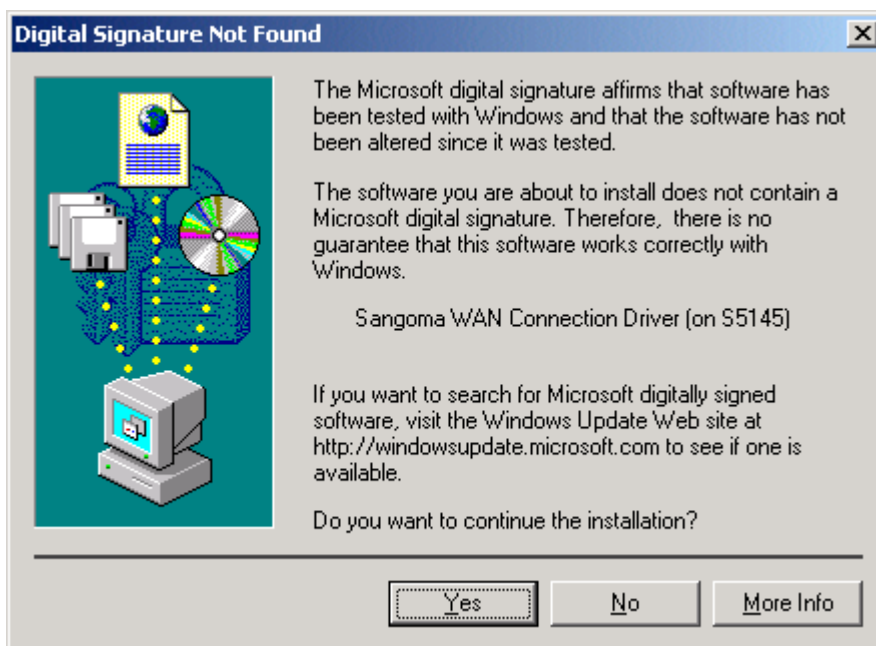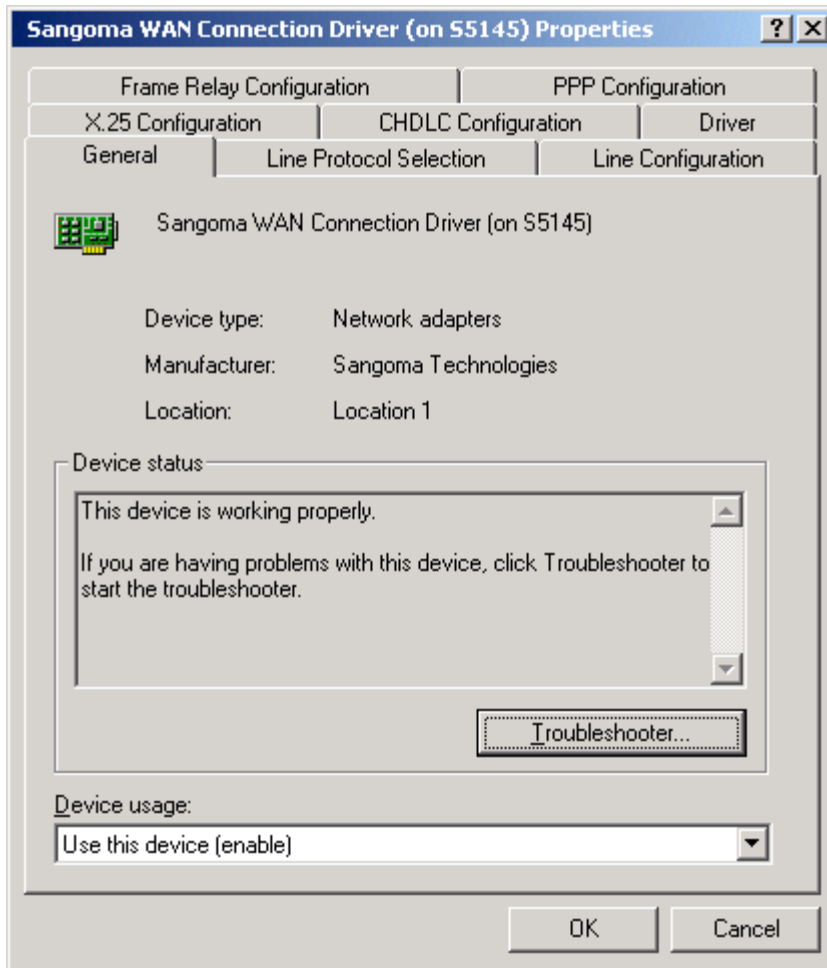

The setup will copy files, and install the driver.
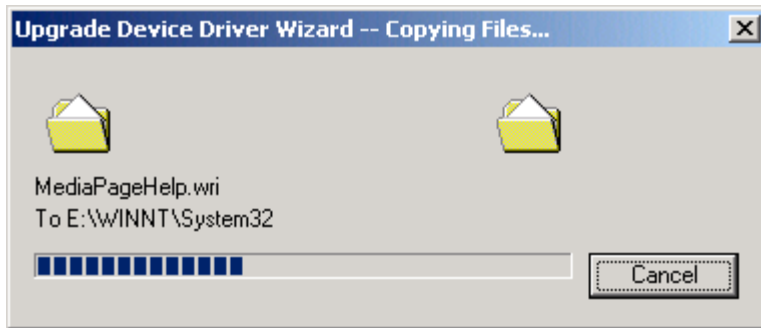
Click "Finish".

If you will open "Device Manager" and switch to "Devices by Connetion" view a picture similar to this one will be presented.

Open the properties of "Sangoma WAN Connection Driver (on S5145)".

Switch to "Line Protocol Selection" to choose WAN communications protocol which you are going to use.

In this example Frame Relay is chosen.
Once a protocol choce is made, you can switch to it's property page.

When global protocol configuration is done click on "OK".
And again one or more virtual devices will be enumerated
by PnP system and you will be asked to provide a driver for each of
them. If you are installing from a CD-ROM let the Setup search
for the driver on the distribution CD.
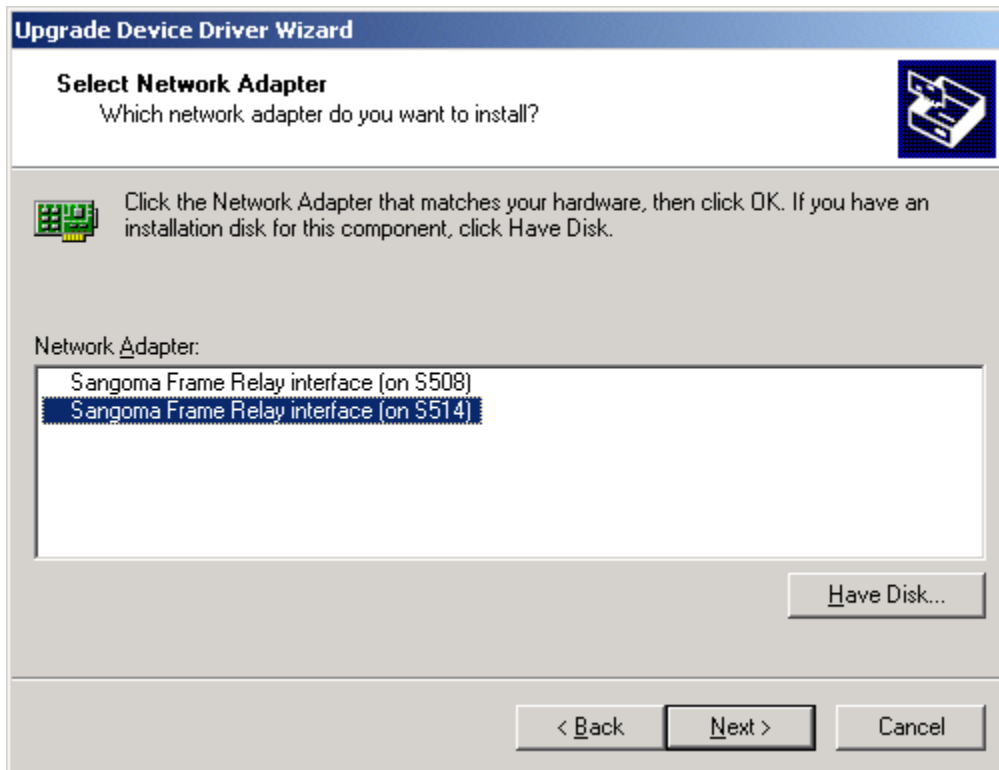If installing from other media, browse to
"W2K_XP_W2K3\Fpipe" directory if installing Frame Relay driver or
"W2K_XP_W2K3\Ppipe" directory if installing PPP driver or
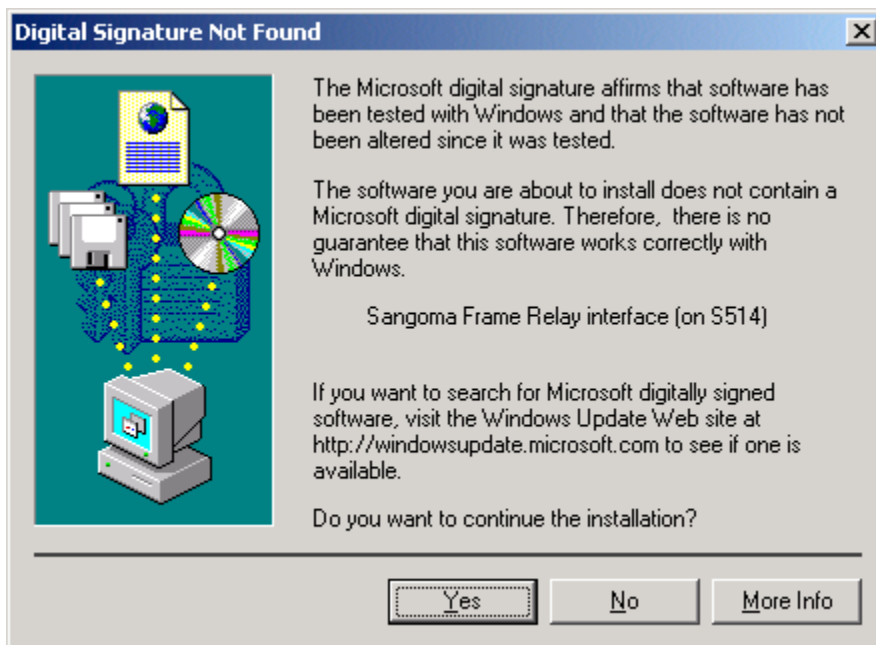"W2K_XP_W2K3\Xpipe" directory if installing X.25 driver or
"W2K_XP_W2K3\Cpipe" directory if installing Cisco HDLC driver.

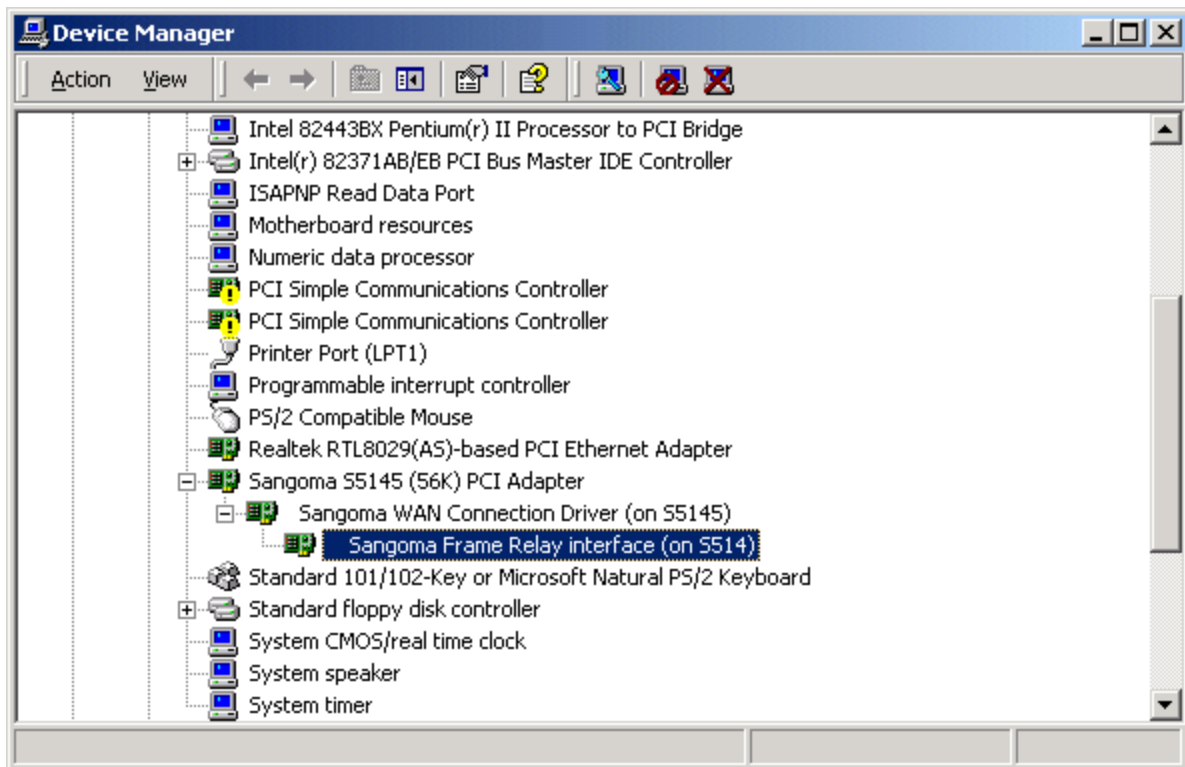Click "OK". This will bring up the following dialog:

Choose the device according to the card type plugged into the system.
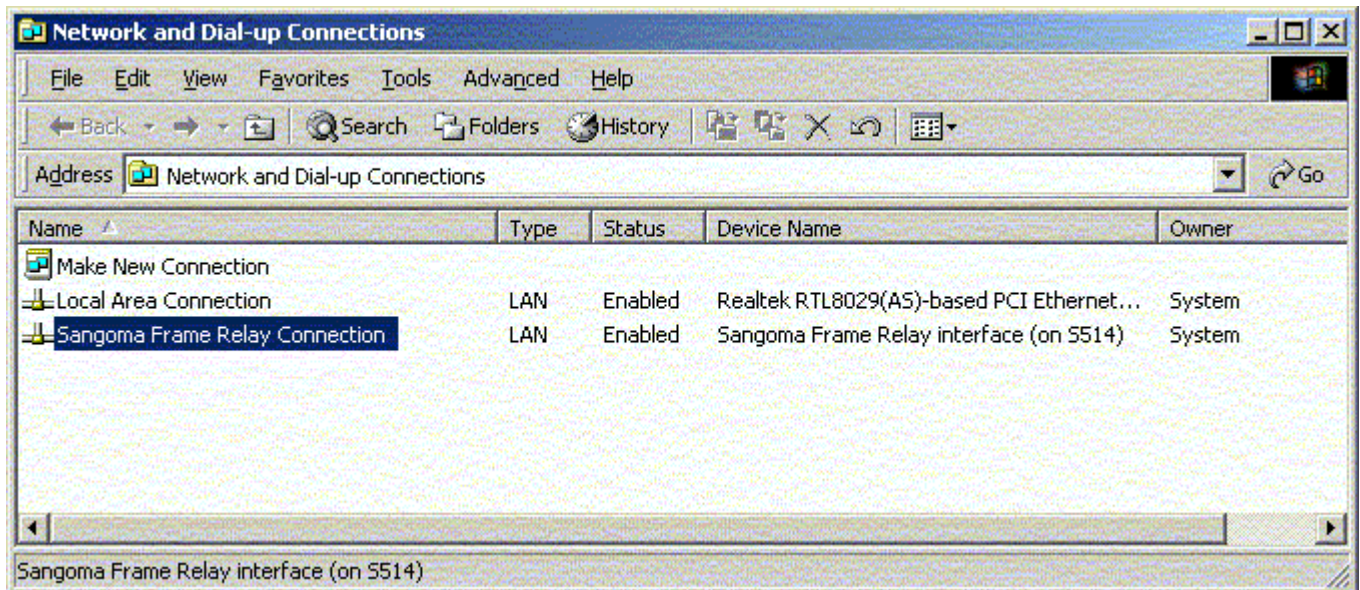Click "Next".

When "Digital Signature Not Found" warning appears click on "Yes".

If you will open "Device Manager" and switch to "Devices by Connetion"
view a picture similar to this one will be presented.

At this point the installation is complete and you can proceede to
configuring network properties for an interface.
It is done in "Network and Dial-up Connections".

If you open the properties for the connection it is possible to
start a line debugging/monitoring program by clicking on
"Start Monitor..." button.

This program will help to solve line problems if there are any.