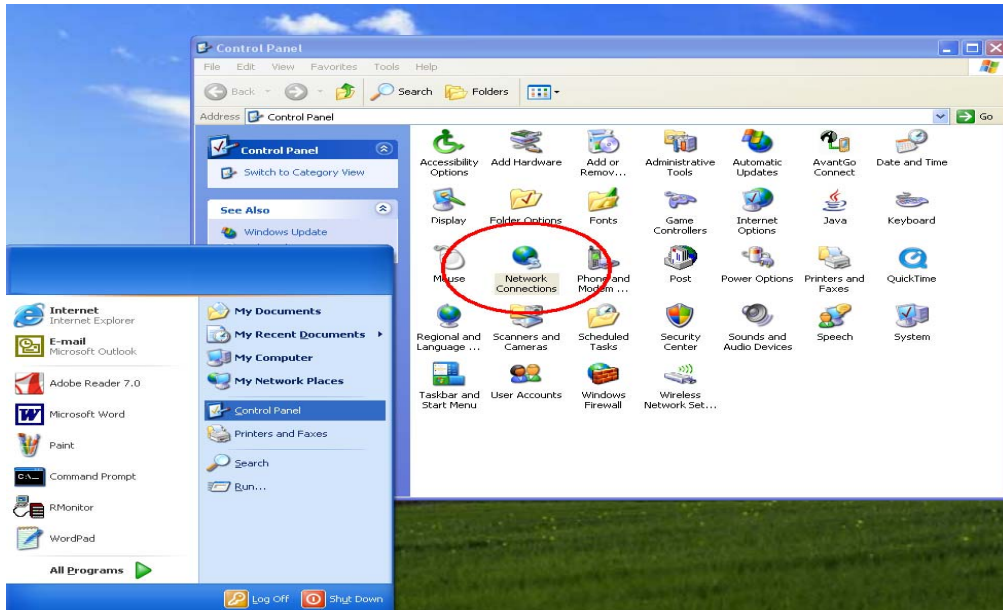


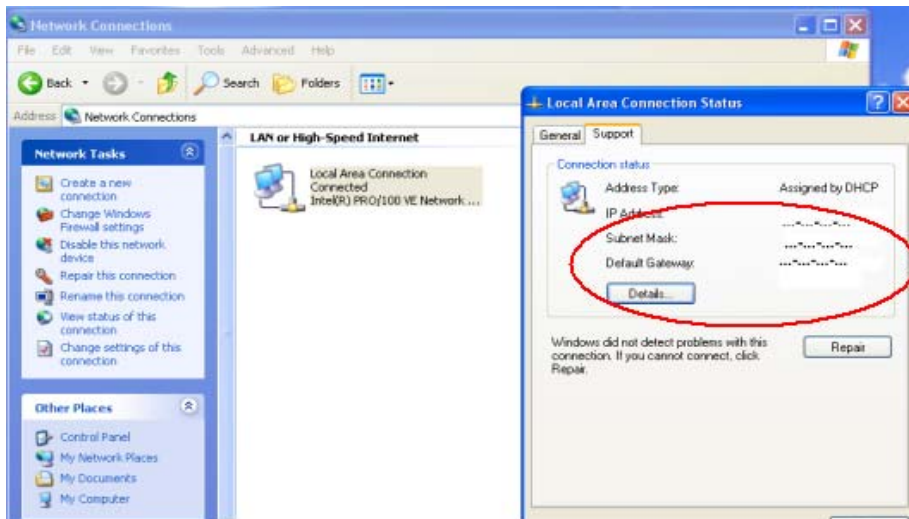
## WINDOWS XP NETWORK CONFIGURATION AND TROUBLESHOOTING

### 1) Retrieve the TCP/IP Settings of my computer

Go to the Start menu and select Control Panel, Select Network Connections

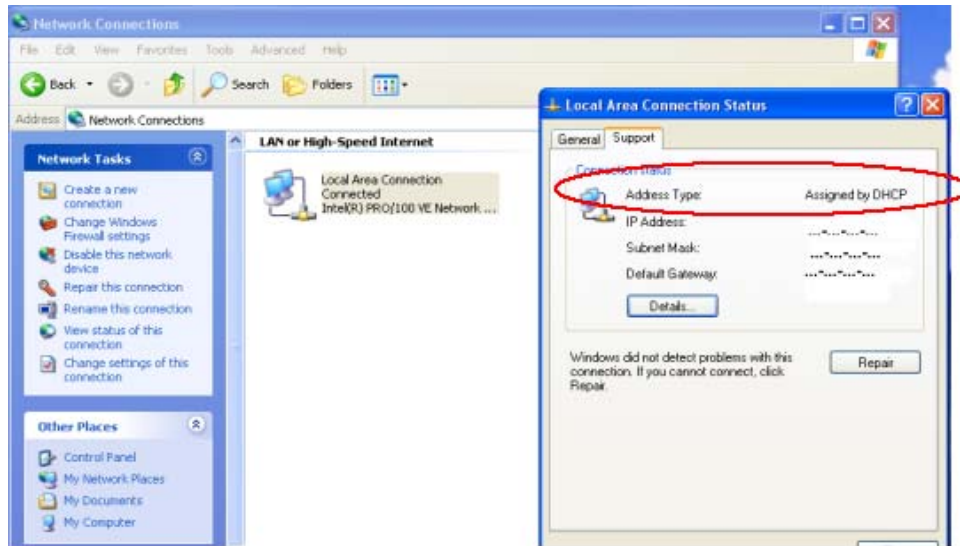


Double-click the Local Area Connection, a dialog Local Area Connection Status will be displayed, go to the Support Tab



The Support section will display the IP Settings (IP Address, Subnet Mask and Default Gateway)

### 2) Check how the IP Address is defined



Address Type within the Support section (see 1) displays how the IP Address is assigned.

-If the timing computer is connected to a TCP/IP Network:

-The Address Type should have the value “Assigned by DHCP”

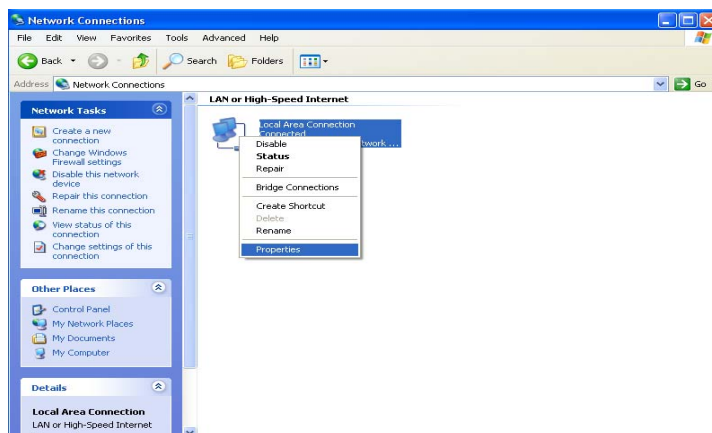
-If the timing computer is directly connected to the decoder:

-The Address Type has the value “Limited or no connectivity”

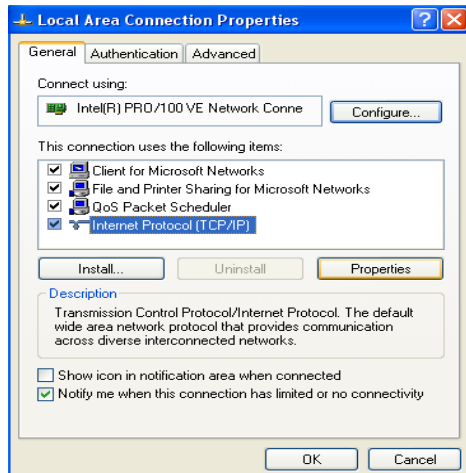
-If Address Type has the value: Manually Configured, it means that the IP Address of the timing computer has been set manually. We recommend to have the timing computer configured to automatically obtain an IP Address.

### 3) Set the computer to automatically receive an IP Address

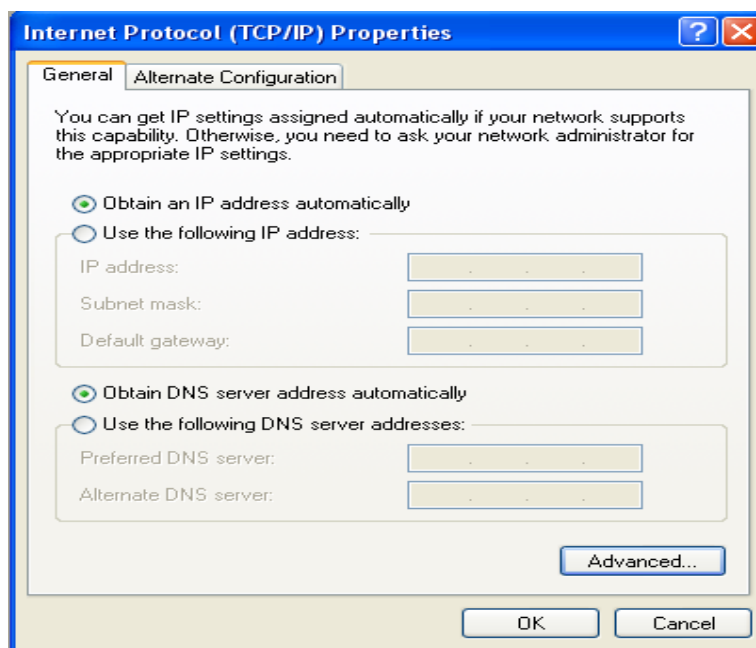
In Control Panel -> Network Connections: Right-Click on the Local Area Connection -> Properties



On the Local Area Connection Properties dialog, select Internet Protocol (TCP/IP) and Press Properties



The screen should look like the dialog below with the option “Obtain an IP address automatically” selected

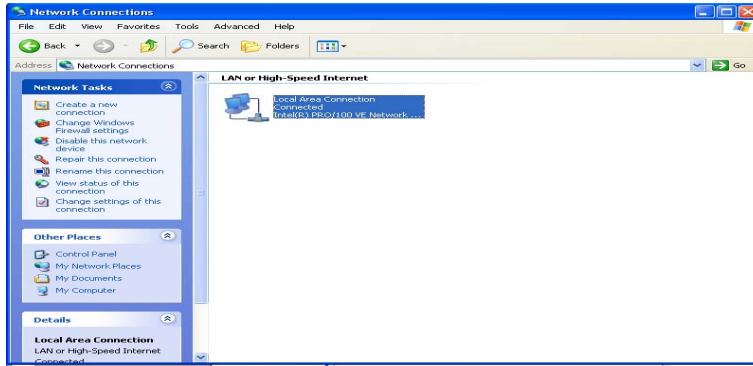


## 4) Troubleshooting:

Administrator rights are required in order to perform some of the troubleshooting.

Make sure you have the required rights.

### 4.1 Status of the Network Connection



-If the Computer or Laptop is in a TCP/IP Network, the status of the Local Area Connection should be "Connected"

-If the Computer or Laptop is directly connected to the decoder, the status of the Local Area Connection might be "Limited or no Connectivity"

-If the status of the Local Area Connection is "Unplugged" make sure the network cable has the right specification and is not damaged.

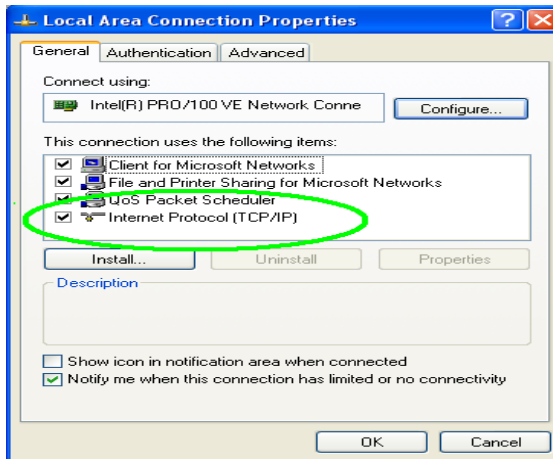
-If the status of the Local Area Connection is "Disabled", right-click on the icon and select "Enable"

## 4.2 Status of the TCP/IP protocol

-Double click the Network Connections icon under the Control Panel (see1).

-Right-click on the Local Area Connection and select Properties (see 3)

-Make sure "Internet Protocol (TCP/IP)" appears in the list and is checked



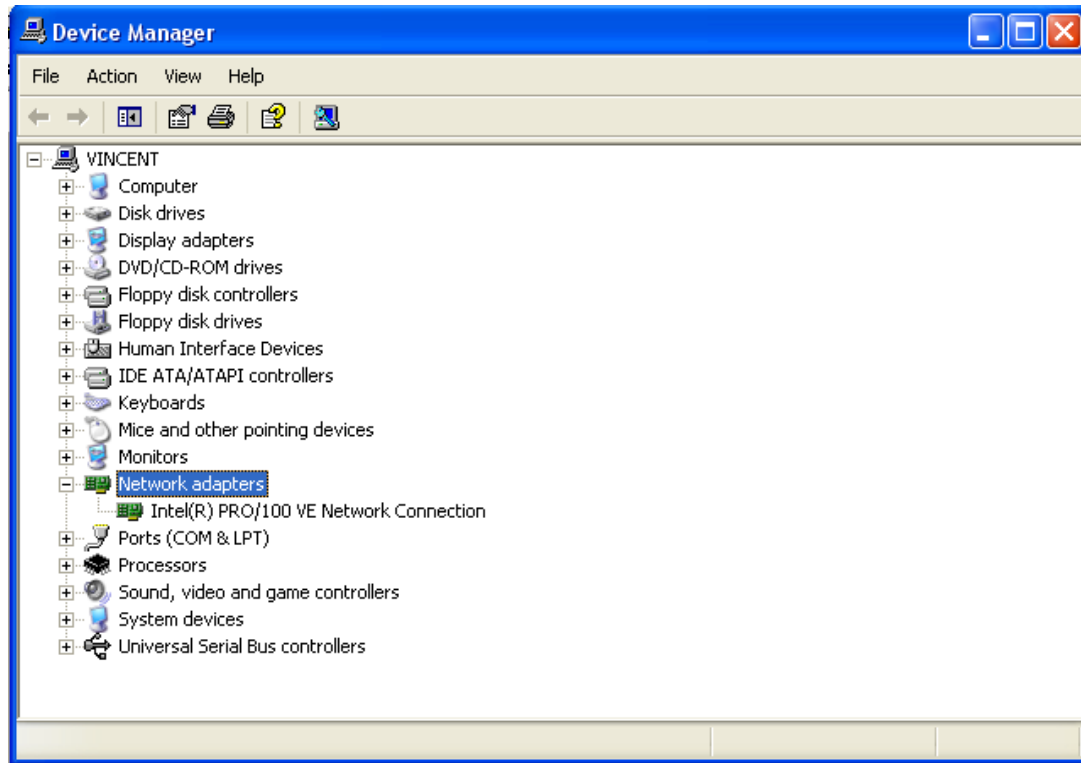
If "Internet Protocol (TCP/IP)" doesn't appear in the list, the protocol has to be installed from the Windows XP distribution files.

Consult The Windows XP Help Files for further information.

## 4.3 Network adapter disabled, not installed or has conflicts

Double click the System icon under the control panel, select the "Hardware" Tab and click Device Manager.

Make sure the Network adapter appears without comments in the Device Manager



If your "Network adapters" entry looks like the one above, your driver is installed correctly.

-If the Network adapter appears with a red cross, it means that the adapter is disabled. Right-click on the adapter and select "enable"

- If the Network adapter is not listed or if a yellow circle is present with an exclamation mark, the drivers are not correctly installed. In order to install the drivers use the CD or disk supplied with your computer or network card to re-install them. If you are unsure on how to complete the task, you will have to visit the manufacturers' website or call them directly.