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The RedTitan nQ system provides various TCP/IP services for printing files and processing data. Programs can be controlled by connecting to the nQ HTTP server using a web browser. The spooling system "NQLPD", provides rule based file processing and a TCP/IP services including LPR/LPD and TELNET. NQLPD will not start unless a TCP/IP stack is installed.

For demonstrations or isolated computers it is convenient to keep the TCP/IP stack and an IP address even if the network cable is disconnected. You can avoid the complete removal of TCP/IP by adding a loopback adaptor to the TCP/IP configuration. As follows..



3. Choose "Add New Hardware Device" and click "Next"

The following hardware is alre	ady installed on your computer
From the list below, select an ins properties or troubleshoot a prob	stalled hardware device, then click Next to check plem you might be having.
To add hardware not shown in t	he list, click "Add a new hardware device."
Installed hardware:	
Installed hardware: USB Root Hub USB Root Hub USB Serial Converter Generic USB Hub USB Mass Storage Device	
Installed hardware:	
Installed hardware: USB Root Hub USB Root Hub USB Serial Converter Generic USB Hub USB Mass Storage Device Add a new hardware device	€ •

4. Choose "Install the hardware that I manually select from a list ..." and click "Next"

ld Ha The	rdware Wizard wizard can help you install other hardware
T ki	he wizard can search for other hardware and automatically install it for you. Or, if you now exactly which hardware model you want to install, you can select it from a list.
٧	/hat do you want the wizard to do?
	O Search for and install the hardware automatically (Recommended)
	 Install the hardware that I manually select from a list (Advanced)
	Cancel

5. Choose "Network adaptors" from the "Common hardware types" list.

From the list below, select the type of hardware you are installing If you do not see the hardware category you want, click Show All Devices.			
	Cancel		

6. Select the manufacturer "Microsoft" and Network Adaptor "Microsoft Loopback Adaptor". Click "Next" to complete the install.

Click the Network Ada installation disk for this	apter that matches your hardware, then click OK. If you have an component, click Have Disk.
Manufacturer	Network Adapter:
Microsoft	Bluetooth Device (RFCOMM Protocol TDI) Microsoft Loopback Adapter Microsoft Tun Miniport Adapter

The loopback adaptor will automatically acquire an IP address. This is sufficient for nQ TCP/IP services even if no ethernet or wireless network adaptors are physically attached. If network adaptors were dynamically removed you must re-boot the system so that the nQ HTTP server can register the new IP address; otherwise HTML page components may refer to a removed IP address.

Use IPCONFIG to check established connections. The loopback connection has no gateway.

C:\Documents and Settings\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection 5:

Connection-specific DNS Suffix .: Autoconfiguration IP Address. . : 169.254.25.129 Subnet Mask : 255.255.0.0 Default Gateway :

Ethernet adapter Bluetooth Network:

Media State Media disconnected

Ethernet adapter Local Area Connection:

Media State Media disconnected