123 Manual, LP-5420G wireless router.
VPN Configuration

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VPN Configuration

The LanPro LP-5420G equipment has the functionality of creating virtual servers to point different services to one or more computers. A virtual DMZ that points all the services to a computer can be also configured.

In this case, the pointer will be configured in the equipment that provides the service of VPN connections.

The following explanation is about a VPN configuration between two computers, one on the LAN side and the other one on the WAN side.

1

First of all, you must be clear that the equipment has a unique address in the network. The LP-5420G has 192.168.1.1 by default. The network of computers that connect each other belongs to the segment address 192.168.1.x, where x represents the rest of the equipment and peripherals in that network.

By default, the LP-5420G has the DHCP service enabled delivering addresses automatically to the equipment that connects. The basic configuration delivers addresses from 100 to 199. The use of this service avoids the duplication of a network number for each computer since this number must be unique.

We recommend that you change the setup of your LP-5420G IP Address. In this example, the IP Address 192.168.2.1 will be entered in the LAN Address, as shown in **Figure 1.** By making this change, your DHCP addresses will automatically go to this segment. The LP-5420G will deliver addresses from 192.168.2.100 to 199.

Figure 1

2

Next, as shown in **Figure 2**, the IP Address corresponding to your LP-5420G WAN must be configured depending on your Internet service provider. In case you use a dynamic address, we suggest that you configure the DDNS service hence you can access your LP-5420G even though you change the IP.

Figure 2

3

In the window shown in **Figure 3,** select the **Firewall** option and disable the boxes, then click on **Save.**

Figure 3

LANPRO

Wireless - Equipment - 2.4GHz - LP-5420G – Router.
VPN Configuration.

4

In case you want to redirect all the services, we recommend the **DMZ** option, as shown in **Figure 4.** In the **DMZ Host IP Address** box you must type the IP Address of the equipment that provides the service or services. Remember that this address has to be excluded from the DHCP and in the range of the addresses of the LAN port, besides it must be different from the LP-5420G IP. By doing this, the equipment will automatically redirect all the services to that IP. If so, you can omit steps 5 and 6.

Figure 4

5

In case you only want to redirect the VPN service, select **Virtual Servers** and add it, as shown in **Figure 5.** Remember you can configure different services. In this example, the port used is 1723 for Virtual Server, which is added and it has pointed the equipment IP that has the service.

Figure 5

6

Once the LP-5420G has been configured, look at an example of how to configure the service in two XP computers:

COMPUTER 1 IN THE LAN

Go to the network connections and select **Create a new connection**, as shown in **Figure 6.**
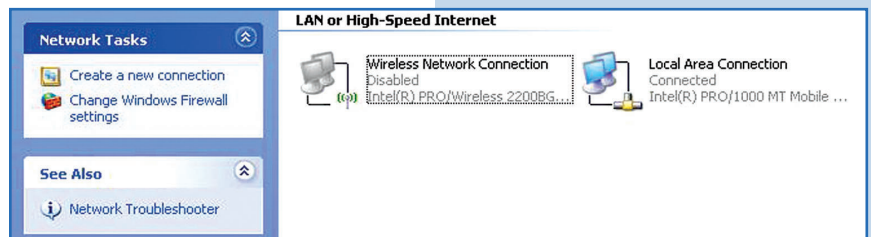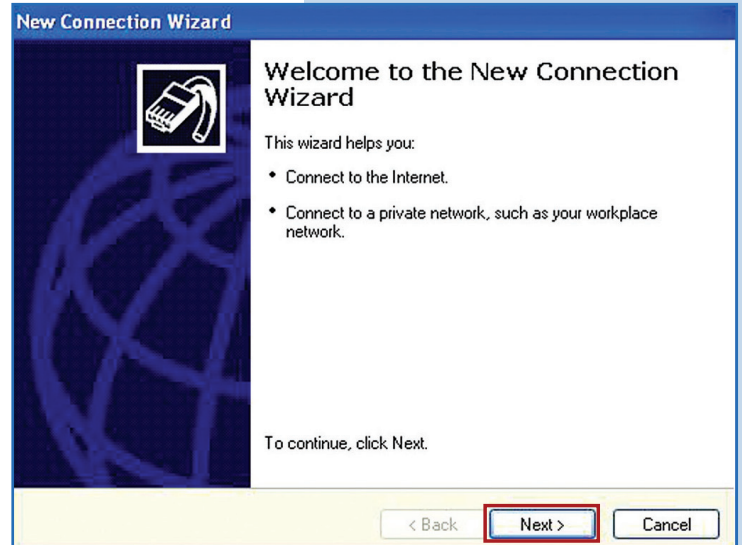
Figure 6

7

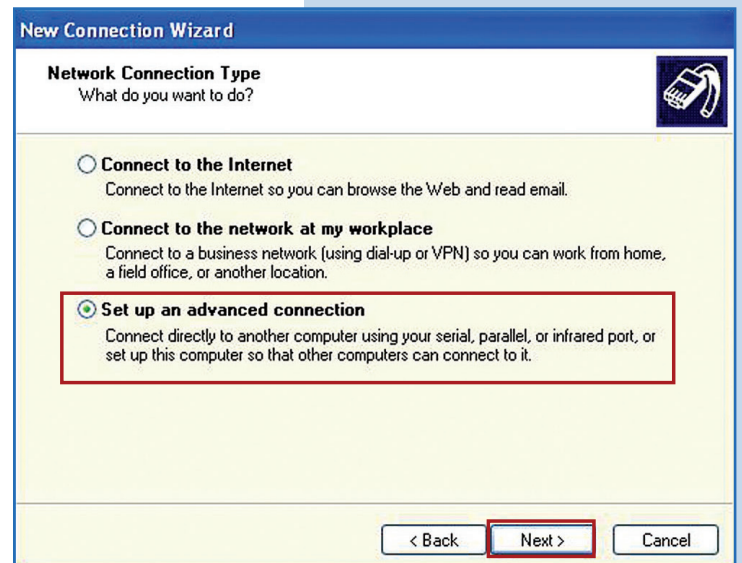As shown in **Figure 7**, the assistant will be displayed. Select **Next.**

Figure 7

8

In the window shown in **Figure 8** select **Set up an advanced connection** and **Next.**
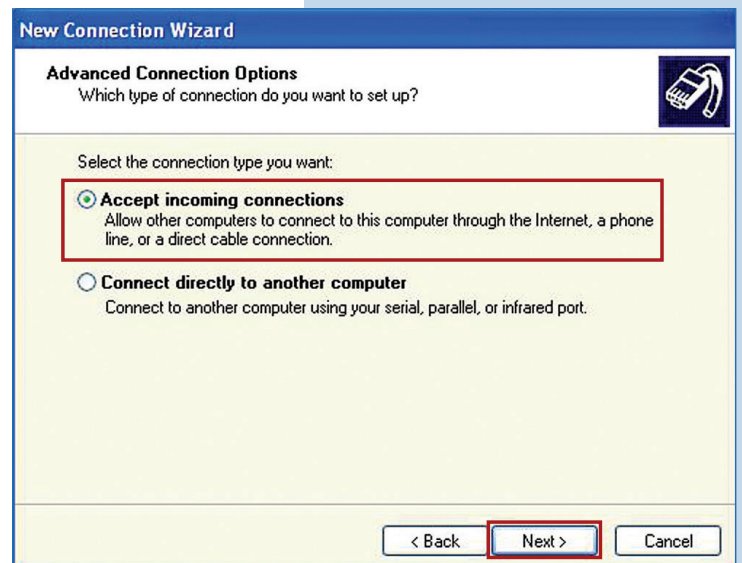
Figure 8

9

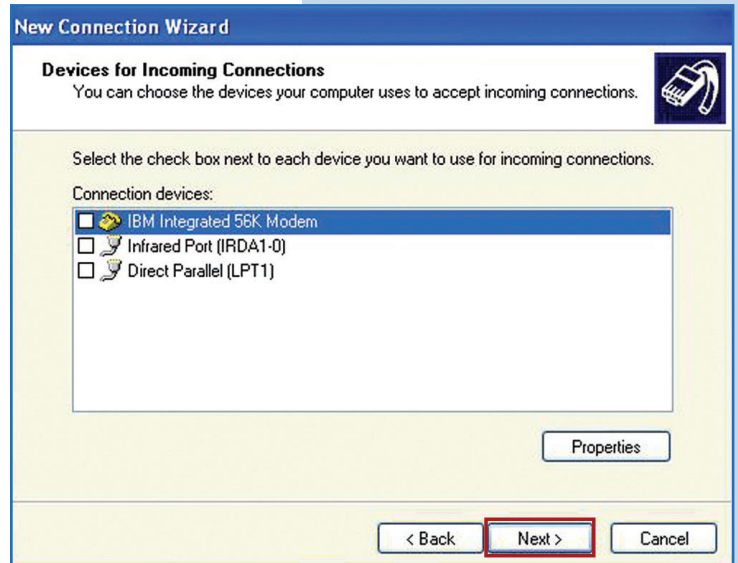In the window shown in **Figure 9**, select **Accept incoming directions** and **Next.**

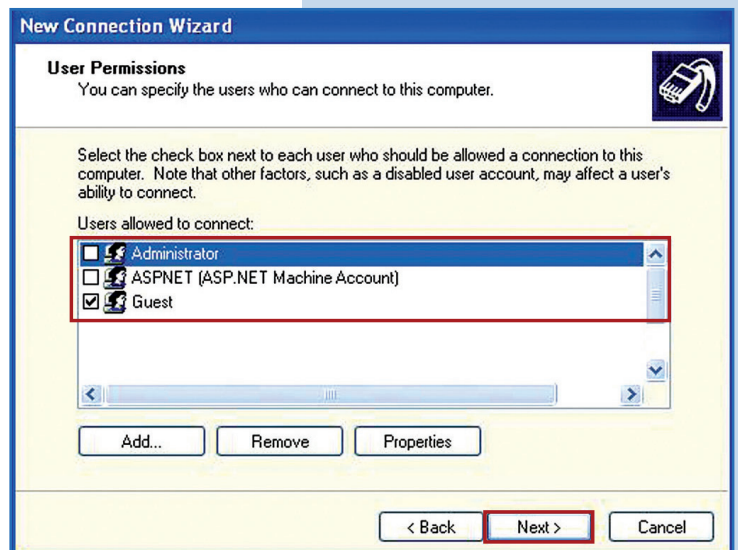**Figure 9**

10

Select Next as shown in **Figure 10.**

Figure 10

11

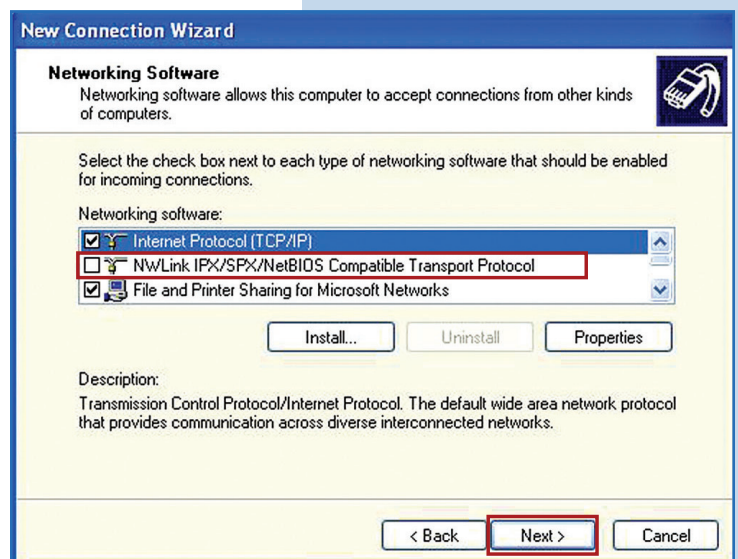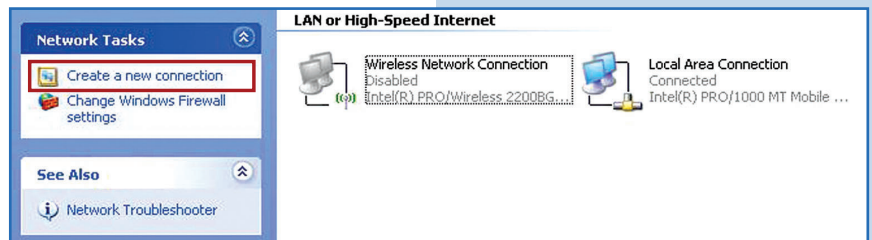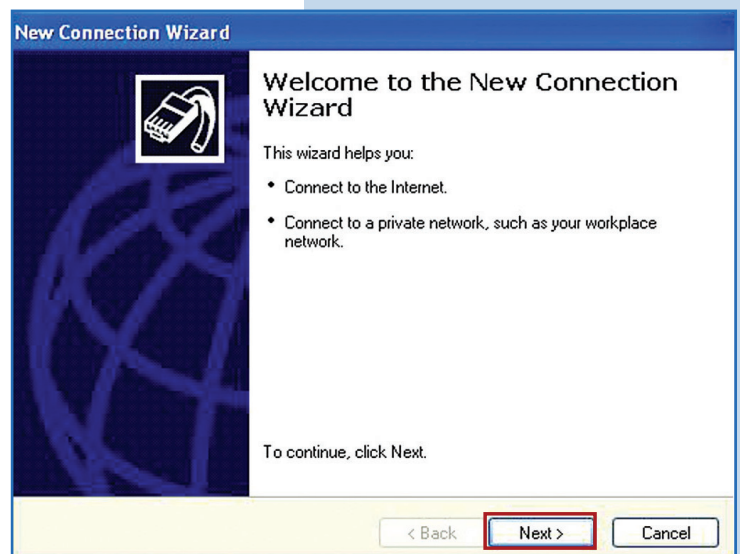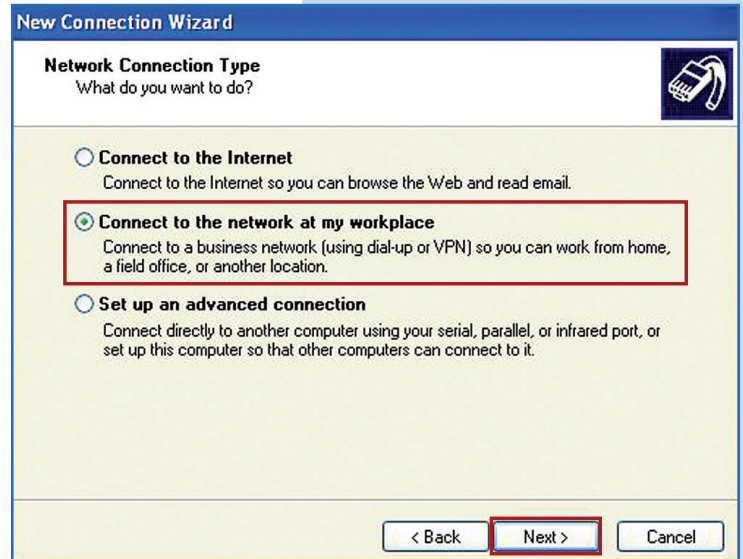In the window shown in **Figure 11**, select the users you will give connection permissions and click on **Next.**

Figure 11

12

Disable the **IPX/SPX** protocol. In case you have it enabled, uncheck it and select **Next** as shown in **Figure 12.**

Figure 12

13

Select **Finish**, as shown in **Figure 13**, to finish the configuration of the first equipment.

Figure 13

14

Now proceed to configure the equipment that is on the Internet and wants to connect to the WAN:

Computer 2 in the WAN (Important: this setup is for the equipment connecting to the VPN).

Go to the network connections and select **Create a new connection**, as shown in **Figure 14.**

Figure 14

15

As shown in **Figure 15**, the assistant will be displayed. Select **Next.**

Figure 15

16

In the window shown in **Figure 16** select **Connect to the network at my workplace** and **Next.**

Figure 16

17

In the window shown in **Figure 17**, select **Virtual Private Network connection** and **Next.**

Figure 17
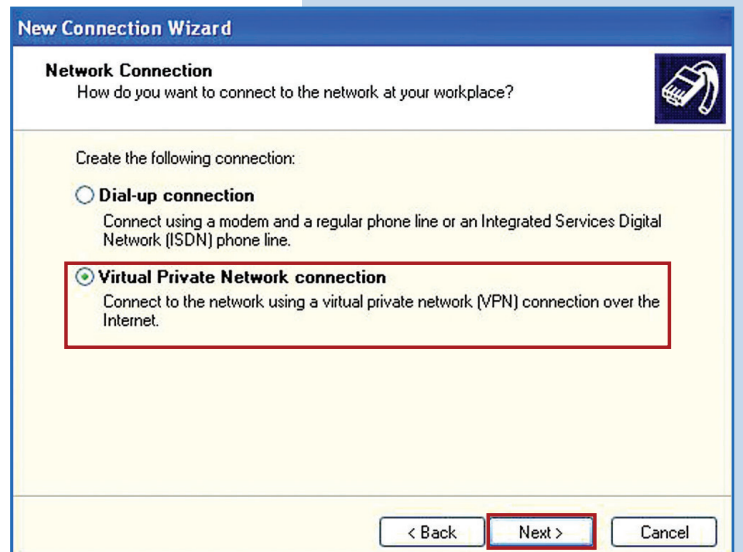
18

Type the name you will use to identify the connection, for instance: Office. Select **Next** as shown in **Figure 18.**

Figure 18
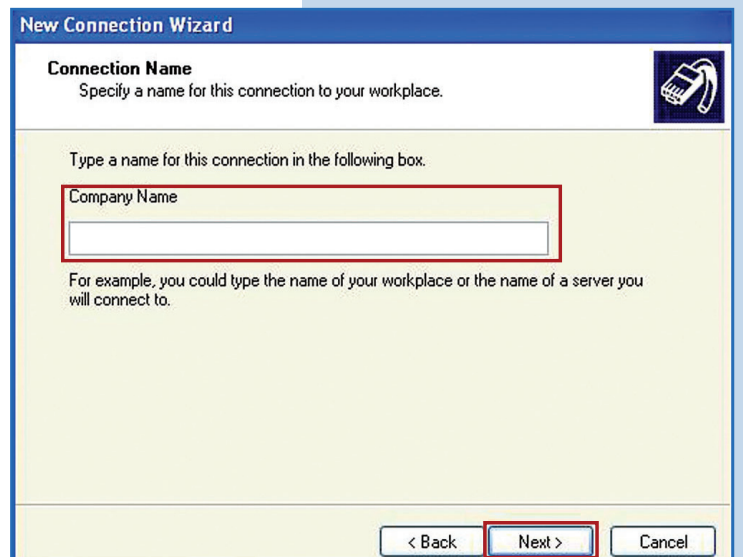
19

In the window shown in **Figure 19,** *enter the WAN IP* *Address of the LP-5420G or the name created in* *DYNDNS (in case you configured it),* and click on **Next.**

Figure 19

20

Select **My use only** if you want this connection only available for your use. Otherwise, select **Anyone´s use** option and click on **Next** as shown in **Figure 20.**

Figure 20

21

In the window shown in **Figure 21**, select **Finish.**

Figure 21

8