

APC Device IP Configuration Wizard

Purpose and Requirements

Purpose: configure basic TCP/IP settings

You can use the APC Device IP Configuration Wizard to configure the basic TCP/IP settings (IP address, subnet mask, and default gateway) of the following:

- Network Management Cards
- Devices that contain embedded Network Management Cards

Using the Wizard, you can configure the basic TCP/IP settings of installed or embedded Network Management Cards in either of the following ways:

- Automatically discover and configure unconfigured Network Management Cards remotely over your TCP/IP network.
- Configure or reconfigure a Network Management Card through a direct connection from the serial port of your computer to the device that contains the card.



Note

The Wizard can discover and configure Network Management Cards only if they are on the same network segment as the computer that is running the Wizard.

System requirements

The Wizard runs on Windows NT[®], Windows 2000, Windows 2003, and Windows XP Intel-based workstations.

Use the Wizard

Launch the Wizard

The installation creates a shortcut link in the **Start** menu that you can use to launch the Wizard.

Configure the basic TCP/IP settings remotely

Prepare to configure the settings. Before you run the Wizard, be sure that you have the information you will need during the configuration procedure:

1. Contact your network administrator to obtain valid TCP/IP settings to use.
2. If you are configuring multiple unconfigured Network Management Cards, obtain the MAC address of each one so that you can identify each Network Management Card that the Wizard discovers. (The Wizard displays the MAC address for a discovered card on the same screen on which you then enter the TCP/IP settings.)
 - For Network Management Cards that you install, the MAC address is on a label on the bottom of the card.
 - For embedded Network Management Cards, the MAC address is on a label on the device containing the card — for example, usually on the side of a device that you mount in a rack.

You can also obtain the MAC address from the Quality Assurance slip that came with the Network Management Card or with the device containing an embedded Network Management Card.

Run the Wizard to perform the configuration. To discover and configure, over the network, installed or embedded Network Management Cards that are not configured:

1. From the **Start** menu, launch the Wizard. The Wizard automatically detects the first Network Management Card that is not configured.
2. Select **Remotely (over the network)**, and click **Next >**.
3. Enter the TCP/IP settings (**System IP**, **Subnet Mask**, and **Default Gateway**) for the unconfigured Network Management Card. identified by the MAC address at the top of the screen. Then click **Next >**.
4. Select options on the **Transmit Current Settings Remotely** screen:
 - **Confirm settings during configuration transmission:** If you check-mark this box, and errors occur, you can choose to transmit the settings that have no errors or cancel the transmission. If you do not check-mark this box, the Wizard provides no option to cancel or continue, transmits any settings that have no errors, and notifies you of errors in untransmitted settings.
 - **Start a Web browser when finished:** If you check-mark this box, the default Web browser connects to the device that contains the Network Management Card after you transmit the card's settings.
5. Click **Finish** to transmit the TCP/IP settings. If the IP address you entered is in use on the network, the Wizard prompts you to enter an IP address that is not in use. Enter a correct IP address, and click **Finish**.
6. The Wizard searches for another installed or embedded but unconfigured Network Management Card. If it finds one, it displays the screen with data entry boxes for the TCP/IP settings of that card.
 - To skip configuring the card whose MAC address is currently displayed, click **Cancel**.
 - To configure the TCP/IP settings of the next card, repeat this procedure beginning at step 4.

Configure or reconfigure the TCP/IP settings locally

To configure a single Network Management Card through a serial connection:

1. Contact your network administrator to obtain valid TCP/IP settings.
2. Connect the serial configuration cable that came with the Network Management Card or with the device that contains an embedded Network Management Card.
 - a. Connect one end to an available communications port on your computer. Make sure no other application is using the port.
 - b. Connect the other end to the serial port of the card or device.
3. From the **Start** menu, launch the Wizard application.
 - If the Network Management Card is not configured, wait for the Wizard to detect it.
 - If you are changing basic TCP/IP settings of a configured Network Management Card, click **Next>** to move to the next screen.
4. Select **Locally (through the serial port)**, and click **Next >**.
5. Enter the TCP/IP settings (**System IP**, **Subnet Mask**, and **Default Gateway**) for the unconfigured Network Management Card. identified by the MAC address at the top of the screen. Then click **Next >**.
6. Select options on the **Transmit Current Settings Remotely** screen:
 - **Confirm settings during configuration transmission:** If you check-mark this box, and errors occur, you can choose to transmit the settings that have no errors or cancel the transmission. If you do not check-mark this box, the Wizard provides no option to cancel or continue, transmits any settings that have no errors, and notifies you of errors in untransmitted settings.
 - **Start a Web browser when finished:** If you check-mark this box, the default Web browser connects to the device that contains the Network Management Card after you transmit the card's settings.

7. Click **Finish** to transmit the TCP/IP settings. If the IP address you entered is in use on the network, the Wizard prompts you to enter an IP address that is not in use. Enter a correct IP address, and click **Finish**.
8. If you selected **Start a Web browser when finished** in step 6, you can now configure other parameters through the Web interface of the card or device.