



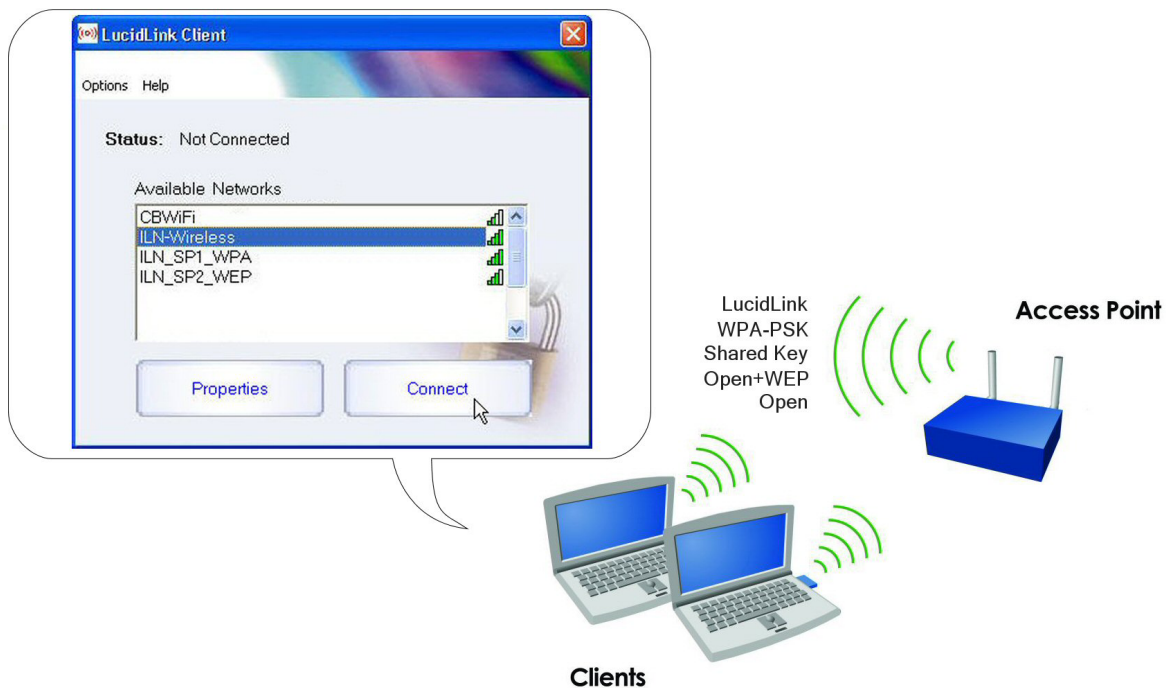
Getting Started with LucidLink Wireless Client

Version 2.2

The LucidLink Wireless Client is software that lets you connect to Wi-Fi networks. LucidLink Wireless client replaces your other Wi-Fi clients, such as Windows Zero Configuration client. You can use it to connect to open networks (like hotspots) or private networks secured with:

- LucidLink Wireless Security
- Wi-Fi Protected Access Pre-Shared Key (WPA-PSK)
- Shared or Open authentication with WEP key encryption

LucidLink Wireless Client can be installed on any machine that meets client requirements. Once installed, just use the client to select the wireless network you want to join, and click Connect. The client will prompt you for any other information (such as passphrases) you need to enter, and warn you when there is a possible security risk associated with the network.



Preparing the Client Machine

Requirements

To use LucidLink Wireless Client software, client computers should have:

- 42 MB available hard disk space
- Windows 2000 or Windows XP (Professional or Home) operating system
- For LucidLink security, a wireless network interface card (NIC) that supports 802.1X/EAP. See our Compatibility page for more information:

http://www.lucidlink.com/Tech_Support/Compatibility.asp

Disable Conflicting Software

Disable any other Wi-Fi clients that you've been using. Windows Zero Configuration client is automatically disabled when you install LucidLink Wireless Client.

Enable Wireless Network Interface

If you're installing a new wireless NIC, follow the vendor's documentation to install the card and the drivers. Be careful not to install any other 802.1X supplicants or client manager software.

If your NIC is already installed, be sure the wireless network interface is enabled.

Windows XP: Choose Start > Control Panel > Network Connections.

Windows 2000: Choose Start > Settings > Network and Dial-Up Connections.

If the wireless interface is disabled (dimmed), right-click it and choose **Enable**.

Installing the Client

To install the LucidLink Wireless Client program, insert your installation CD or double-click **lucidlink_client.exe**, then follow the installer prompts.

At the end of the installation sequence, LucidLink will scan for software and settings that can interfere with client operation. If you see a warning, follow the steps on the Conflicts report to resolve conflicts before continuing.

If you have difficulty installing the software or clearing conflicts, you can get more detailed information from the *LucidLink User Guide*. Download it from our website at:

http://www.lucidlink.com/Tech_Support/downloads.asp

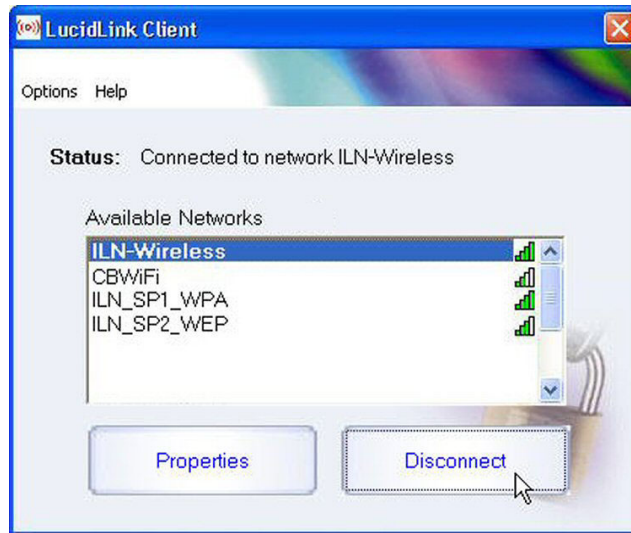
Navigating the Client

Here's how to get around in LucidLink Wireless Client after installing it.

Viewing Networks

The main window displays a list of wireless networks that the client detects within range. Preferred Networks are highlighted and displayed at the top of the list.

When you have completed connecting to a network, that network is moved to the top of the list, and the window displays the Status: Connected to network [name].

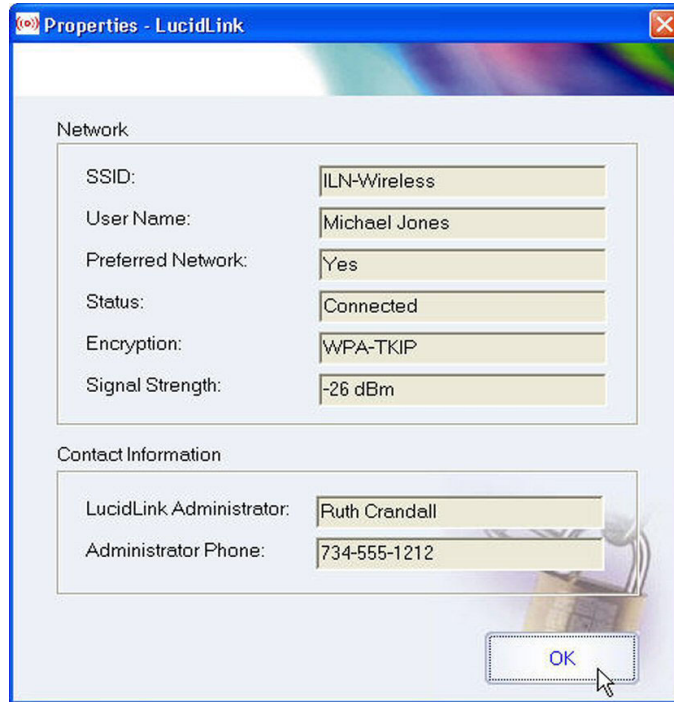


The green bars to the right of a network name show the relative signal strength coming from that network. The more bars are colored green, the stronger the signal and the better your connection will be.

Hovering over the LucidLink icon also shows your current network connection status.




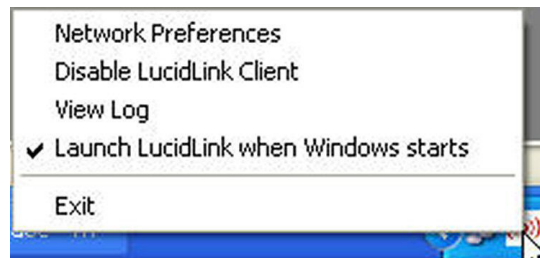
To see details about any network, select it and click **Properties**. You'll see the Properties dialog.



Starting and Stopping

The client is initially set to start automatically whenever Windows starts.

When the client is running, the LucidLink icon  is active in the system tray. Right-clicking the system tray icon displays the Options menu.



To stop the LucidLink Client, exit through the Options menu.



If you've installed the LucidLink Client on a multi-user machine with the Windows XP operating system, **always completely Shut Down the machine when changing users.**

Displaying the Window

The client window appears when you first install. After that, it can be displayed by clicking the LucidLink icon in the system tray or on the desktop.

To hide the client window, click the Close button. The LucidLink icon will remain active in the system tray as the client keeps working in the background.

Disabling vs. Exiting


Disabling allows you to quickly “turn off” client functionality without having to completely exit the application. To disable the client, choose **Options > Disable LucidLink Client**. When the client is disabled, the main window is dimmed, and the LucidLink icon appears with an X through it:

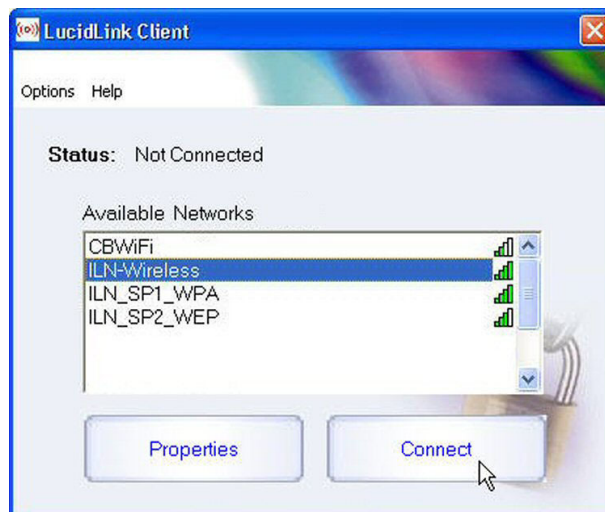


To re-enable the client, choose **Options > Enable LucidLink Client**.

Connecting to Networks

To connect to a network for the first time using the LucidLink Wireless Client, select it from the **Available Networks** list and click **Connect**. After you’ve connected once, the client computer should connect automatically once within range of the network, unless you disable this feature.

- 1 Click the **LucidLink icon**  to display the client window.
- 2 Select the network to join from the **Available Networks** list.
- 3 Click **Connect**.



- 4 If you see a message that another utility is using the adapter (NIC), click **OK** to continue.

If this is your first connection to a WEP or WPA-PSK network, you'll see the Network Key dialog. Continue with these steps:

- 5 In Security Method, enter and confirm the **Network Key** or **Network Passphrase** used to access this network. For security reasons, you'll see asterisks instead of the actual characters as you enter it.
- 6 Check **Shared** if the network uses Shared Key authentication. Leave the box unchecked for Open authentication networks.
- 7 Click **Save**.

If this is your first connection to a LucidLink network, you'll see the Begin Secure Connection Process dialog. Continue with these steps:

- 5 Leave the default User Name, or enter a unique **User Name**, maximum 24 characters long. You can use any combination of letters, numbers, or special characters.



- 6 Click **Connect**. Wait while LucidLink generates your security key.
- 7 When you see the **Confirmation Code**, call the administrator for authorization.



8 When instructed by the LucidLink administrator, click **Continue**.

When the connection is established, you'll see the LucidLink Client window again with the Status "Connected to network [*name*]."

After completing the connection, you can leave the client window open on your desktop by deselecting **Hide the client window**, or allow it to be minimized (default). The client will continue to work in the background until you exit the program.

Disconnecting from Networks

To manually disconnect from a network, select it and click the Disconnect button. You will remain disconnected from that network until you manually reconnect.

You'll automatically disconnect from networks when you leave range of the access points.

Getting Help

In addition to this guide, there are several ways to get help for using LucidLink Wireless Client.

Online Help

Additional information is in the *LucidLink Client Help* system. Choose **Help > LucidLink Help**. You can also press **F1** to see context-sensitive Help for any program window.

Technical Support

Our free Technical Support website contains answers to Frequently Asked Questions (FAQs) about LucidLink Wireless Security software, as well as hardware compatibility information. This is the best place to find up-to-date information about LucidLink. Go to:

http://www.lucidlink.com/Tech_Support/faq/faq.asp

Owners of purchased software can get free support for 30-days following software activation. Ongoing support plans can be purchased through our website.

Product Information

To see information about your current installation, choose **About > About LucidLink**.

About LucidLink

LucidLink is security software for wireless networks. Based on Wi-Fi Protected Access (WPA) and advanced authentication technologies, LucidLink protects your network, data, and bandwidth against attack.

LucidLink communicates with your access points to authenticate users seeking connection to your wireless network. Unless users have the right credentials to prove their identity, the access points will stop them from connecting. This means that intruders cannot access the network, where they can do the most damage to your internal systems. After connection, the wireless link between your authentic clients and the access point is encrypted and protected against data theft.

LucidLink is fully compliant with the WPA specification for 802.11 wireless network security, the solution recommended by the Wi-Fi Alliance and leading security experts.

If you're using the LucidLink Wireless Client, you're half way to running the full LucidLink Wireless Security solution.

For more information, visit:

<http://www.lucidlink.com>