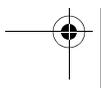
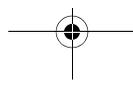


quick start

LAPLINK

GOLD VERSION 11.5



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Patents

SpeedSync™ U.S. Patent Number 5,446,888

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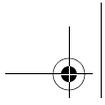
LapLink® Gold Quick Start Guide

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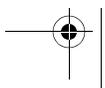
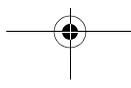
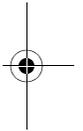
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LapLink Gold Quick Start Guide



Dear LapLink Customer:

You may be a first-time LapLink user or one of the dedicated users who have followed LapLink from earlier versions. Either way, you are sure to benefit from the significant improvements and refinements we have built into LapLink Gold version 11.5.

It is now even simpler to connect and begin using file transfer, synchronization, and remote control. The "Connect Over" menu has been shortened to offer quick access to the kinds of connections you are most likely to make: modem, LAN, cable. To this list we have added our new easy Internet connection method using the LapLink Everywhere network. This connection is available worldwide, from any computer or device with an Internet connection, regardless of firewall or router configurations.

The purchase of LapLink Gold 11.5 entitles you to unlimited use of LapLink Everywhere for a full 30 days. You can use all of the LapLink Everywhere services—e-mail, file, forms, and remote desktop access—from any browser-enabled device in the world including phones, PDAs, Internet café's, and so on.

If you connect over a USB cable, you will appreciate the effort we put into USB cable connections. In previous versions, we used the Microsoft networking model. Unfortunately, this required the installation of software drivers and resulted in complexities no customer should have to deal with. We have now written our own direct-connect USB software, and it works just like the LapLink of years past: Just plug in the cable and, bingo, you hear our connection sound and the connection opens automatically! Moreover, this new software supports USB 2.0, for transfer speeds up to 40 megabytes per second!

For ease of use, flexibility, and power, we believe this is the best LapLink we have released to date.

Finally, many of our longtime customers know we have recently experienced difficult times. Rest assured, those days are now past, and a new company called "LapLink Software" is ready to support you and create more amazing remote access and synchronization products. Please do let us know how we are doing and what new capabilities you would like to see in future versions or products. Please email your ideas to "Feedback@LapLink.com".

Best regards,



President
LapLink Software, Inc.
Fast Easy Access Everywhere

Welcome to LapLink Gold 11.5

With LapLink® Gold's award-winning remote control, file transfer, and chat features, you can access e-mail, files, and office network resources when you're on the road, work with computer users at other locations, schedule file transfers, print documents to a remote printer, and more. LapLink offers you a variety of reliable, easy-to-use options for connecting; simply choose the option that is appropriate for the resources available on your computer and the computer you want to connect to. To learn more about LapLink, see the online user's guide and Help.

- For more information about connecting to another computer, see page 16.

- LapLink Everywhere is fee-based service. With the purchase of LapLink Gold 11.5, you are entitled to use this service for 30 days without charge.

Whether you're on the road, at home, or in the office, LapLink Gold lets you work faster, easier, and smarter than ever by providing safe and reliable remote access.

Using LapLink Gold to connect to another LapLink computer is easy. Depending on the resources available on your computer and the computer you want to connect to, you can connect using:

- a modem
- a LapLink serial, parallel, or Universal Serial Bus (USB) cable
- a wireless connection, including Fast Infrared (FIR) connection
- the Internet, with or without the LapLink Everywhere service
- a local (IPX) network, such as Novell
- a TCP/IP network
- a CAPI/ISDN 2.0 device

Once you're connected, you're ready to use LapLink's powerful features.

- **Remote Control** lets you use your computer to perform tasks on another computer.
- **File Transfer** lets you move and copy files between computers, specify *how* files should be moved and copied, and synchronize the files in folders on two computers automatically.
- **Print Redirection** lets you print a remote document at your site or use a remote printer to print a local document.
- **Text Chat** and **Voice Chat** let you communicate with other users by exchanging text messages or talking over a connection between two sound-enabled computers.
- **File synchronization** simplifies the repetitive tasks necessary to keep files updated when you use two computers. You can even schedule synchronizations to run unattended.

Learning more about LapLink Gold: online user's guide and Help

You can learn about LapLink Gold through the online user's guide and Help. The online user's guide is available in Adobe Acrobat format on the LapLink Gold CD-ROM. Adobe Acrobat is also available on the LapLink Gold CD-ROM.

To view the online user's guide:

- 1 Display the LapLink Welcome screen by inserting the LapLink Gold CD-ROM in your CD-ROM drive.
- 2 Click View Documentation on the LapLink Welcome screen.
- 3 The guide immediately opens in Acrobat Reader.

LapLink Gold also features an online Help system to assist you as you use LapLink. Help is available through the LapLink Help menu, including:

Searchable Help documentation Browse Help, and use the Help Index and Find features to search for specific information. On the LapLink Help menu, click Help Topics.

Troubleshooters Specify the problem you are having, and troubleshooters walk you through a series of possible solutions. In Help, double-click the Troubleshooting book.

Quick Steps Quick Steps appear when you open a dialog box in LapLink and give you information to help you complete the dialog box.

What's This Help Use the What's This Help to get information about dialog box items. Click the question mark in the upper right hand corner of the dialog box, and then click the item you want help with.

F1 Help To get immediate help for an item on a menu, highlight the menu item and press the F1 key.

Getting help with LapLink Everywhere

Once you have logged on to the LapLink Everywhere site (www.mylaplink.com), you can get answers to the most frequently asked questions by clicking the Help tab on the main window. On the host computer, you can access Help by double-clicking the LapLink Everywhere icon in the system tray and opening the Help menu.

Getting more information about LapLink

Visit LapLink Technical Support at www.laplink.com/support/. Visit www.laplink.com/world/ for international support.

- To download LapLink documentation from the Web, go to www.laplink.com/products/11Gold/docs.asp

- To download Adobe Acrobat Reader from the Web, go to www.adobe.com

What's new in LapLink Gold 11.5

Ease of use was again a top priority in creating this version of LapLink Gold. Once complicated by network considerations, USB connections are now as easy as those over serial and parallel cables; and file-transfer speeds, using USB 2.0, are the fastest ever. The addition of the LapLink Everywhere service means that you can now connect securely over the Internet, without having to worry about firewalls and other security considerations. LapLink Everywhere connections are unique: you can use them to establish traditional LapLink-to-LapLink connections; or you can read e-mail, transfer files, and perform other tasks from any device with which you can browse the Internet, including cell phones, PDAs, and public access computers like those found in libraries and Internet cafés.

Improved USB connections

In earlier versions, USB connections were similar to network connections, requiring the use of a network driver. Now you can make a direct connection over a LapLink USB cable just as you would over a LapLink serial or parallel cable, without the hassle of configuring your computer for a network connection. Just attach a LapLink USB cable to two computers running LapLink Gold, version 11.5, and a connection opens automatically.

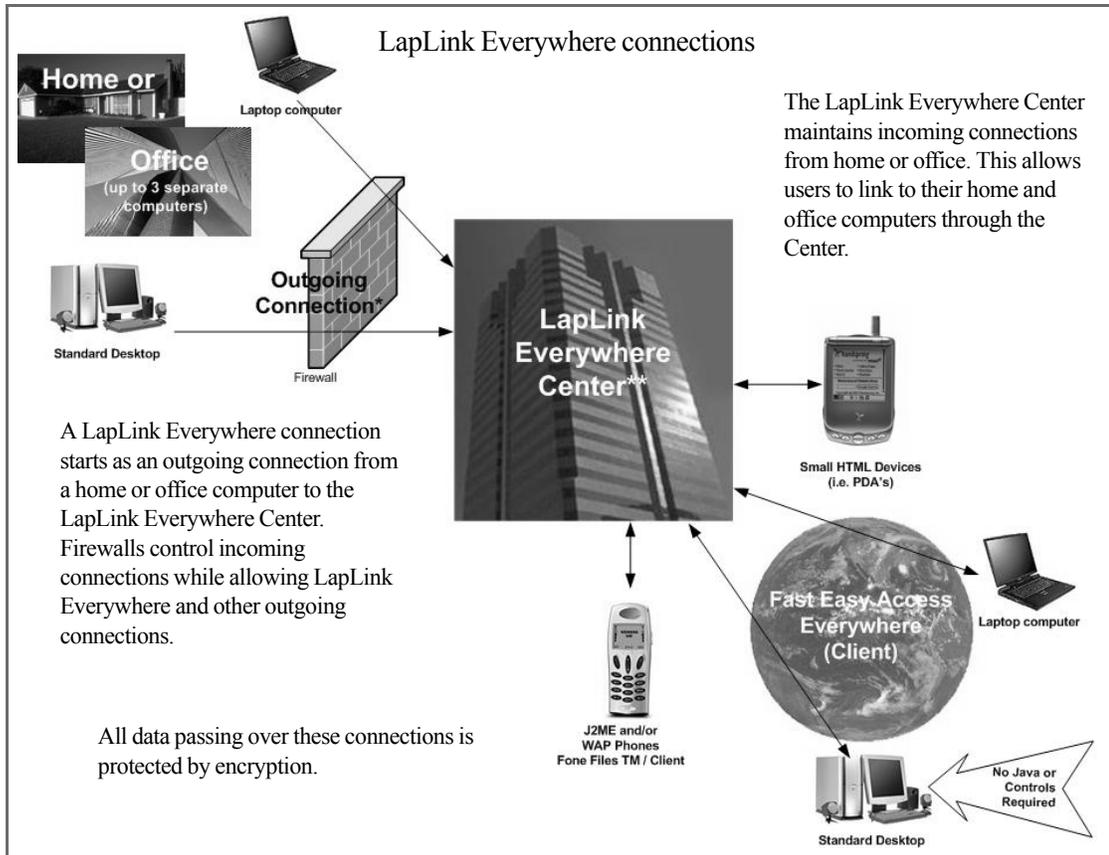
You can benefit from this improved USB connection using the LapLink USB cable (version 1.1) included with LapLink Gold 11.5. Or you can purchase a new cable and benefit from the increased speeds of USB 2.0 (as fast as 40 megabytes per second). For details, go to www.LapLink.com. (To achieve these speeds, computers at both ends of the cable must be set up for USB 2.0.)

Easy Internet connections

Making a LapLink connection over the Internet can be daunting if either computer is located behind a firewall. By adding the LapLink Everywhere connection, LapLink Gold provides an easy and seamless way to navigate personal and corporate firewalls without compromising security.

Firewalls are set up to protect against unwanted incoming connections. LapLink Everywhere connections, however, are established as outgoing connections to the LapLink Everywhere Center, even though data can flow freely in both directions. Firewall configuration is no longer necessary, and no security holes are created in your existing security configuration.

LapLink Everywhere is a fee service. With the purchase of LapLink Gold 11.5, you are entitled to try this service free for 30 days. When opening your account, you go to the secure LapLink Everywhere server and set up a unique user name and password. Then you download the small LapLink Everywhere program and install it. After that, just running LapLink Gold on your computer allows secure connections from other LapLink Gold computers over the Internet.



Connecting from a Web browser

There may be times when you want a file or an e-mail message from your home or office desktop but setting up your laptop and running LapLink is not convenient or feasible. For such situations, you can leave the LapLink Everywhere program running on your desktop and connect from a PDA or any other device that can surf the Internet. You can open a connection from almost any browser, even in libraries and Internet cafés.

Working within a Web browser on your Internet device, you can perform some of the same operations you perform within LapLink:

- Read and send e-mail messages, adding attachments as you wish
- Upload and download files to and from your desktop
- Control your desktop remotely
- Access SQL databases on servers connected to the desktop

- The LapLink Secure VNC client for Windows must be running on any computer you want to control remotely through LapLink Everywhere.

Installing LapLink Gold 11.5

Before you install LapLink Gold 11.5, make sure you have what you need to use the program on the computers you want to connect. Once you've verified your setup, you're ready to install LapLink. To use all of its features and services, LapLink must be installed on both computers you want to connect.

• For information on installing LapLink Everywhere, see page "Setting up LapLink Everywhere" on page 12.

General requirements for each computer

- Microsoft Windows 95, 98, 2000, Me, NT 4.0, or XP
- Intel or Intel-compatible 486/100 processor (or better)
- 16 MB of memory (24 MB recommended)
- 25 MB of available hard disk space (for a complete installation)
- Microsoft mouse or compatible pointing device

Requirements for modem communication

- **Windows 95/98/Me:** Windows- or Hayes-compatible modem
- **Windows NT/2000/XP:** Modem set up in Windows NT/2000/XP (with TAPI)

Requirements for network communication

- **For IPX connections:** Microsoft IPX-compatible protocol configured for a network adapter
- **For TCP/IP connections:** Microsoft TCP/IP-compatible protocol configured for a network adapter
- The network must function correctly without NetBEUI protocol installed

Requirements for Dial-Up Networking communication

- **Guest computer:** Dial-Up Networking feature of Windows installed, with a Dial-Up Networking connection to the dial-up server
- **Host computer:** Running a dial-up server program, or accessible through a dedicated dial-up server that supports incoming Dial-Up Networking connections

Requirements for cable communication

- **For USB connections:** A LapLink USB cable and a USB port on each computer. *(Both LapLink USB cables—1.1 and 2.0—support Windows 98, Windows 2000, Windows Me, and Windows XP.)*
- **For serial connections:** A LapLink serial cable and an RS-232 serial (COM) port on each computer
- **For parallel connections (Windows 95/98 and Windows Me):** A LapLink parallel cable and a parallel (printer) port on each computer, or a Direct-Parallel Universal cable and an Extended Capabilities Port (ECP) on each computer

• Dedicated dial-up servers include Novell NetWare Connect and Intel/Shiva NetModem.

• To purchase cables, visit www.laplink.com.

Requirements for wireless communication (Windows 95/98 and Me)

Infrared devices include:

- Ports and devices supported by the Windows Infrared communications driver (IrDA) 1.0 or 2.0 (driver installed on both computers)
- Devices such as the Extended Systems JetEye Infrared PC Interface (baud-switchable only), configured to work in LapLink
- Built-in infrared devices, including Fast Infrared (FIR)

Requirements for CAPI 2.0/ISDN communication

- An ISDN line and ISDN adapter with a CAPI 2.0-compliant driver on both ends of the connection

Requirements for Voice Chat (must be installed on each computer)

- A sound card or sound device, speakers or headphones, and a microphone (A full duplex sound card driver is recommended.)

Installing LapLink Gold**To install LapLink Gold:**

- 1 Insert the LapLink CD-ROM in a CD-ROM drive or, if you downloaded LapLink from the Web, double-click the Welcome.exe file in the folder where you downloaded LapLink.
- 2 Click Install LapLink Gold, and follow the instructions on the screen.
When prompted, be sure to use names that clearly describe each computer.

- In LapLink, wireless connections are short-range, usually between two infrared devices. If you are using a cellular modem, connect using Connect over Modem. If you are using a wireless LAN adapter, connect using Connect over Network.

- If the LapLink Welcome screen does not appear, open Windows Explorer and double-click Startup.exe on the LapLink CD-ROM.

Installing LapLink Gold on a second computer

You can install LapLink Gold on a second computer that does not have a CD-ROM drive. You can use the blue serial cable or floppy disks.

To install LapLink Gold using the serial cable:

- 1 On the taskbar, click Start, point to Programs, point to the LapLink Gold program group, and then click Remote Install.
- 2 Follow the instructions that appear on your screen.

To install LapLink Gold using floppy disks:

- 1 On the Welcome screen, click Make Setup Disks.
- 2 Follow the instructions that appear on your screen.

Installing LapLink Gold 11.5 Setting up LapLink Everywhere

Your purchase of LapLink Gold 11.5 entitles you to 30 days' free use of the LapLink Everywhere mobile access service. LapLink Everywhere is a separate program and, unlike LapLink Gold, needs to be installed on only one computer—on the home or office computer you want to connect to. LapLink Everywhere is a service provided by LapLink Software, Inc. For subscription rates and other information, go to www.LapLink.com.

Unlike LapLink Gold, the LapLink Everywhere program needs to be installed only on the host computer—the home or office computer you want to connect to. It does not have to be installed on the computer you connect from.

Once the LapLink Everywhere program is installed on the host computer, you can connect in two ways:

- Only LapLink-to-LapLink connections offer the complete range of LapLink features. When you use a Web browser, you can read e-mail, transfer files, and perform remote control, but advanced features like automatic synchronization are not available.
- Open a LapLink connection from another computer running LapLink Gold. LapLink Gold must be running on both computers, but LapLink Everywhere needs to be installed and running only on the host.
- Open a LapLink Everywhere connection from a Web browser. Simply leave LapLink Everywhere running on the host computer. You do not have to run LapLink at all.

Requirements for the host computer

- Windows 98, Windows ME, Windows NT, Windows 2000, or Windows XP
- 5 MB of free hard disk space
- A persistent connection (by DSL or cable) to the Internet
- Microsoft Outlook 97, 98, 2000, 2002 (for access to E-Mail, Contacts, Calendar, Notes, and Tasks), or Outlook Express 5.0 or greater (for access to E-Mail and Contacts)

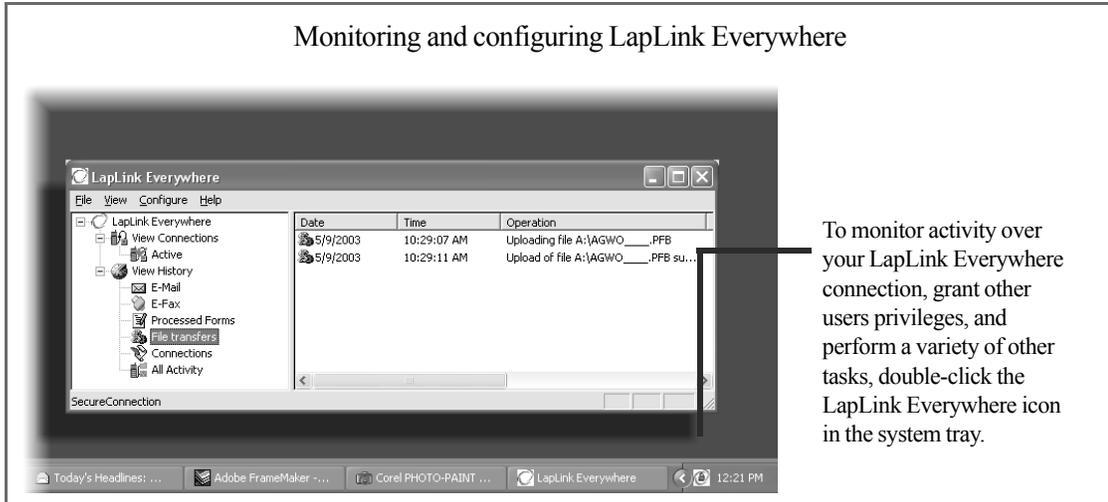
For access from a Web browser, the host must meet these requirements:

- For remote control (at additional cost), LapLink Secure VNC or WinVNC
- To send e-faxes, a valid account with an Internet e-fax service
- To access a SQL database, a SQL database server to for which you have an ADO connection string. In addition, the remote device must have Microsoft Data Access Components (MDAC) 2.6 or later installed on it.

Requirements for the remote device

You can connect to the host computer from almost any device equipped to browse the Internet—from another PC or a Mac to a PDA or an Internet telephone. The chief requirement is that the device must be set up to allow cookies.

Monitoring and configuring LapLink Everywhere



To monitor activity over your LapLink Everywhere connection, grant other users privileges, and perform a variety of other tasks, double-click the LapLink Everywhere icon in the system tray.

To access a SQL database on the host computer, the remote device must have Microsoft Data Access Components (MDAC) 2.6 or later installed on it.

Installing LapLink Everywhere on the host computer

As part of the installation of LapLink Gold you are asked whether you want to set up your LapLink Everywhere account.

Simply create a unique user name and password. You will need them to access the host computer from a browser through the LapLink Everywhere Center. If you install LapLink Everywhere on more than one computer, be sure to use the same user name and password for each one.

The LapLink Everywhere setup guides you through a few self-explanatory wizards. Simply follow the directions on the screen.

When the wizard is finished, the LapLink Everywhere host is installed and its icon appears in the system tray, in the lower right corner of your screen. By double-clicking the LapLink Everywhere icon you can perform a variety of useful tasks including these:

- Monitor past and current activity over your LapLink Everywhere connection.
- Allow other users to access your computer over the LapLink Everywhere connection and specify the privileges each of them will enjoy. For example, you deny some users access to certain file folders and e-mail folders.
- Set up password protection for the settings you set up on the host computer, including the privileges you grant to other users.

- Your user name and password are not case sensitive. For example, *susieq* is interpreted the same as *SusieQ*.

- For more information about configuring LapLink Everywhere, click Frequently Asked Questions on the Help menu.

Getting started: setting security and allowing others to connect

After you install LapLink Gold, you can make outgoing connections to other computers, but other computers cannot open incoming connections to yours except by cable and wireless. To allow incoming connections, change the security setup by creating one or more entries in the Log-in List or by allowing public access. You can restrict user access as necessary, specifying who can connect to your computer and what they can see and do once connected.

- To set up security for cable and wireless connections, click the Enforce Security option on the Local Security tab. For more information, see the online user's guide and Help.

The safest way to allow incoming connections is to set up password-protected access through the Log-in List. However, you can also set up your computer as a public system, open to anyone who can connect.

Once you've configured your security setup, users can access your computer using a modem, network, CAPI 2.0/ISDN device, or the Internet. You won't need to modify this setup unless your security needs change.

Allowing others to connect to your computer

To specify who can connect to your computer:

- 1 Click the Security button on the LinkBar.
- 2 On the General tab, click Log-in List Only (Protected System).
- 3 Click the Log-in List button, and then click the Add button.
- 4 On the General tab, type the log-in name and password the user must provide to connect to your computer.
- 5 Under Services, check the services that you want to make available to the user, such as Remote Control, File Transfer, and Surf Up.
- 6 If you've checked Remote Control as an available service, check the appropriate options under Locking Permissions to indicate whether the user can blank your computer screen and disable its mouse and keyboard.
- 7 Specify any additional user access restrictions and preferences on the Folder Security and Modem Callback tabs.
- 8 Click OK to add this person to your Log-in List.

A LapLink user can now connect to your computer by typing the log-in name and password you specified.

You can also open your computer to connections from *any* LapLink user if you choose. Though public users do not need to enter a password to access your computer, you *can* limit what they can see and do.

To allow public access to your computer:

- 1 Click the Security button on the LinkBar.

- No special security configuration is required for you to access your computer from a Web browser, over the LapLink Everywhere service.

- For more information about selecting options on the Folder Security and Modem Callback tabs, see the online user's guide and Help.

Getting started: setting security and allowing others to connect

Setting up security in LapLink

To set up security, click the Security button on the LinkBar.

Click Log-in List Only (Protected System) to allow only people with names and passwords you've specified to log in to your computer. Then, click the Log-in List button to enter log-in information and user restrictions.

Or click Anybody (Public System) to allow access to your computer without password protection, and then click the Public Privileges button to specify what users can see and do.

Adding someone to the Log-in List

To specify additional restrictions and connection preferences for this user, click the appropriate tab.

Type a log-in name and password for the remote user. The remote user will have to type this when connecting.

Specify the services the remote user can use.

If you allow Remote Control, specify whether you allow blanking of your computer screen and locking of your keyboard and mouse.

- 2 On the General tab, click Anybody (Public System).
- 3 Click the Public Privileges button.
- 4 On the General tab, check the services and locking privileges you want to grant to public users.
- 5 To limit public access to particular drives and folders, click the Folder Security tab.
- 6 Click OK.

Deciding how to connect

LapLink Gold gives you a variety of methods to connect to your home or office computer. To choose the appropriate method, determine what resources will be available at both ends of the connection.

- For instructions on how to connect to another computer, see page 18.

Before you can use LapLink Gold to connect to another computer, you must determine how to make that connection using the resources available to the two computers.

For example, if you are using two computers with Internet access, you can connect over the Internet. If one computer has a modem and the other has a modem and network access, you can connect over a modem line.

Connecting from another LapLink computer over the Internet

Can you connect to the Internet on the local computer?	Then connect from another LapLink computer over the Internet this way:
Yes	If either computer is located behind a firewall, consider using Connect over LapLink Everywhere (Internet) for secure connections without the hassle of configuring a firewall. Otherwise, connect to the Internet as usual, and then use Connect over Internet Locator Service (ILS) in LapLink.
No, but the office has a direct connection to the Internet.	Use Connect Over Dial-Up Networking to dial in to a network server and connect over the office Internet connection.

- When you connect using a Web browser, you can read your e-mail, transfer files, and so on. But automatic file synchronization and many other advanced LapLink features are available only in a LapLink-to-LapLink connection.

Connecting from an Internet browser

You can use the LapLink Everywhere service to connect two computers running LapLink. You can also use it to connect to your home or office computer from any Web browser. Simply run the LapLink Everywhere program on your computer (LapLink Gold does not have to be running) and leave the computer connected to the Internet when you go on the road. You can then access your computer from any device equipped to browse the Internet: another PC, a MAC, a PDA, a cellular telephone, and so on.

Connecting over modems, networks, cables, and wireless devices

With this available on the local computer	And this available on the remote computer	Connect to another computer running LapLink this way:
modem	modem	Use Connect over Modem and dial in to the modem on the remote computer.

With this available on the local computer	And this available on the remote computer	Connect to another computer running LapLink this way:
modem	modem and network	Use Connect over Modem to connect directly to the remote computer and access all of the network resources available to that computer.
modem	network with a dial-up server	Use Connect over Dial-Up Networking to dial in to the dial-up server and connect to any LapLink computer on the network.
network	network	Use Connect over Network .
parallel, serial, or USB port	parallel, serial, or USB port	Attach a LapLink parallel, serial, or USB cable to each computer. The connection opens automatically. <i>(Parallel connections are available in Windows 95/98 and Windows Me.)</i>
wireless device	wireless device	The connection opens automatically as soon as the devices come within range of each other. <i>(Wireless connections are available in Windows 95/98 and Windows Me.)</i>

Connecting through a firewall

LapLink Gold offers three methods of making connections through a firewall:

Connect using LapLink Everywhere (Internet) LapLink Everywhere ensures secure connections and requires no configuration of firewalls.

Configure your firewall If you are a home user or have full access to the firewall configuration, you can use the firewall's port forwarding feature to allow LapLink connections from outside your firewall: configure port forwarding for the LapLink port (1547) to the computer inside the firewall. (See your firewall documentation for more information.)

Use LapLink's Firewall Connection Service Corporate users can use Firewall Connection Service. This method takes advantage of an ILS server and allows LapLink to make a secure reverse connection from inside the firewall. To enable this feature, both computers require some minor configuration:

- On the computer inside the firewall, set up your LapLink Security to allow an incoming connection (Log-in List) from the computer outside the firewall.
- On the computer inside the firewall, create an Address Book entry for the computer outside the firewall and select Firewall as the connection type.
- On the computer outside the firewall, create a Log-in List entry with Firewall enabled as a service. The login name and password must match the entries made in the Address Book on the computer inside the firewall.

- For more detailed information about configuring LapLink to work through a firewall, see the online user's guide and Help.

Connecting to another computer

To use all of LapLink's features, you must first connect to another computer. Computers at both ends of the connection must be running LapLink Gold. Click the Connect Over button on the LapLink LinkBar and then specify how you want to connect. Then, provide the connection information.

Important: Before you can connect to another computer, both computers must be running LapLink, and the connection method you want to use (such as modem or network) must be active and available. You may also need to know a log-in name and password in order to connect.

The only exception to this rule is a LapLink Everywhere connection, which lets you connect from any device able to browse the Web. The small LapLink Everywhere program must be running on the computer you are connecting to (the host computer); you only need a Web browser to complete the connection.

- To determine the best way to connect to another computer, see page 16.

Making a connection

How your computer connects to another computer depends on the resources available to the two computers. Determine what types of connections each computer is able to make, and then select the appropriate connection option.

To connect to another computer:

- 1 Click the Connect Over button on the LinkBar, and then click the connection method you want to use.
- 2 Under Services, check the services you want to open when you connect. (You must check at least one service.)

When you use LapLink Everywhere, you do not request services until you have logged on to the LapLink Everywhere site.

- 3 Specify how to connect as described below:

Modem Use this method for modem-to-modem connections. Click Manual Dial and type the dialing information for the remote computer, or click an existing connection name. Click Dial.

Dial-Up Networking Use this method to connect to a network with a dial-up server using a modem.

Click the Dial-Up Networking connection you want to use and choose the appropriate dial-up networking options. Click Dial to dial your modem. Once you've connected, LapLink asks you to specify which LapLink computer on the network you want to connect to.

LAN (network) Use this method to connect to a computer on the same network. Choose a computer on the network by clicking the computer name.

Connecting in LapLink Gold

First, click the Connect Over button.

Then, click the connection method you want to use. (These can vary depending on your computer setup.)

The Connect dialog box looks different depending on the method you use to connect.

If necessary, change any of the connection information.

Check the services you want to open when you make the connection.

You can also connect to a computer by typing its TCP/IP address; click the TCP/IP Addresses tab, click Manual Connect, and type the TCP/IP address. Click OK.

LapLink Everywhere (Internet) Use this method to connect to another LapLink computer over the Internet, using the LapLink Everywhere service. The purchase of Laplink Gold 11.5 entitles you to 30 days' free use of this service.

Cable (USB, Parallel, Serial) Use this method for computers connected by one of the LapLink cables (serial, parallel, or USB). The computer connected to your computer by cable is listed in the Connection list. Click the computer name and click OK.

Wireless Use this method to connect computers that have infrared wireless devices and are in range of each other. If a computer with a wireless device is in range of your computer, it is listed in the Connection list. Click the computer name and click OK.

Internet Locator Service (ILS) Use this method if both computers have Internet access and the address of the remote computer is published on the host's Internet directory server. Click Manual Dial and type the remote computer's Internet address, or click an existing connection name. Click OK.

- 4 If prompted, type your log-in name and password. The connection is made, and the services you selected are opened if the remote computer is set up to allow you to access those services.

- If you can't connect, make sure that the other computer is running LapLink, is set up to let you connect, and that it allows the services that you requested. For troubleshooting information, see the online user's guide and Help.

LapLink Gold Quick Start Guide

Connecting to another computer Connecting by cable

To connect two computers by LapLink cable, attach the cable (serial, parallel, or USB) to both computers and start LapLink on both computers.

- A USB 1.1 cable is included in the LapLink Gold 11.5 package. If your computers support USB 2.0, you can get faster transfers using the new LapLink USB 2.0 cable. To purchase one of these cables, visit www.laplink.com.

Choose the type of cable—serial, parallel, or USB—based on the cables and ports you have available and the operating systems running on both machines.

Ports are the connectors to which you attach cables and peripherals (like printers and external modems). To find out which types of ports are available on the computers you want to connect, consult the documentation or Windows Device Manager for each computer.

Once you decide which kind of cable connection you'll use, plug the appropriate LapLink cable into both computers. Attach a LapLink serial cable to a serial port on each computer, a LapLink parallel cable to a parallel port on each computer, or a LapLink USB cable to a USB port or USB "hub" device on each computer.

Before you connect by cable

- Run LapLink on both computers.
- Attach an end of the LapLink cable to each computer.
- Ensure that the proper port (serial, parallel, or USB) is enabled in LapLink on both computers.

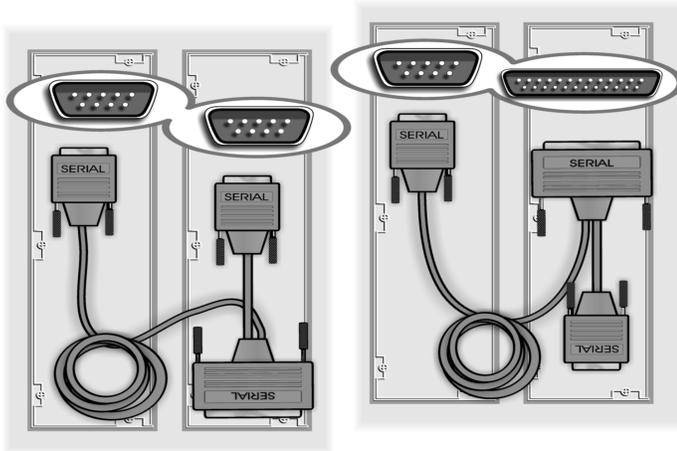
To enable a port on a computer, click the Options menu, and then click Port Setup. Under Port Settings, highlight the port you want to enable, and then check the Enable Port box. (USB ports are automatically enabled during installation.)

Cables to use for LapLink connections

For a serial, parallel, or USB cable connection, use any of the LapLink cables available from LapLink Software.

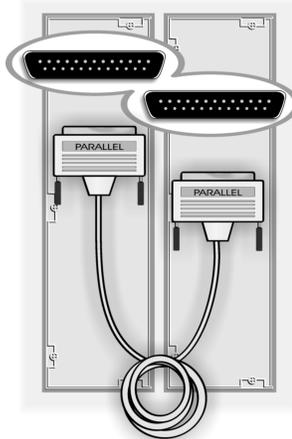
If more than one type of cable port is available to you, remember that USB and parallel cable connections are the fastest. Using USB 2.0, the newest LapLink USB cables can now transfer data as fast 40 megabytes per second. In addition, you can attach a USB cable to any USB peripheral that incorporates a "hub" to which other devices can be connected. This feature lets you use more than one USB-compatible device at a time.

Connecting by cable: serial, parallel, and USB



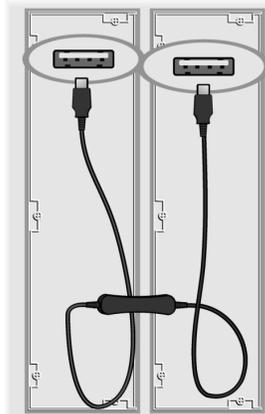
Serial cable: Note that the blue LapLink serial cable has two connectors (one large, one small) at one end, but you only need to connect one of these two connectors to a computer. Which one you use depends on the ports that are available.

Use the larger connector if one of the computers has a 25-pin serial port. Otherwise, use the smaller connector. Make sure that one end of the serial cable is attached to a serial port on each computer.



Parallel cable: Attach one end of the yellow LapLink parallel cable to a parallel port on each computer.

Parallel cable connections are not available in Windows NT or Windows 2000.



USB cable: Attach one end of the LapLink USB cable to a USB port or USB hub on each computer.

USB connections are not available in Windows 95 or Windows NT.

Connecting to another computer by cable

When you start LapLink on two computers that are connected by a cable, LapLink connects the computers automatically. If necessary, you can also open a cable connection to another computer manually.

To manually connect to another computer by cable:

- 1 Click the Connect Over button on the LinkBar, and then click Cable.
- 2 In the Connection list, click the name of the computer you want to connect to.
- 3 Under Services, check the services you want to use, and click OK.

- If AutoConnect is enabled but the connection does not open automatically, click Port Setup on the Options menu and verify that the appropriate port (COM, LPT, or USB) is enabled for cable.

Controlling a remote computer

Remote Control lets you use your computer to perform tasks on another computer. When you connect to the remote computer, you become a Remote Control guest and the remote computer becomes the host. When you're connected to a Remote Control host, you can lock the host's keyboard and mouse and blank the host screen; you can also reboot the host. To add more security to your remote control session, you can start LapLink before you log on to Windows.

- The LapLink Everywhere feature lets you remotely control a computer from any Web browser. See "What's new in LapLink Gold 11.5" on page 8 for more information.

You can remotely control another computer (be a guest), or let another computer running LapLink control your computer (be a host).

Acting as a guest When you're a guest, the host appears on your screen in a Remote Control window within LapLink. You can use your mouse and keyboard to work on the host computer.

Acting as a host When your computer is a Remote Control host, other people with access rights to your computer can connect to and work on your computer. To act as a host, your computer needs to be running LapLink and to be set up to allow others to connect.

You can open a Remote Control window while connecting or after a connection is opened.

- To open a Remote Control window while connecting, click the Connect Over button on the LinkBar, and then click Modem, Network, or some other mode of connecting. Under Services, check Remote Control.
- To open a Remote Control window after connecting, click the Remote Control button on the shortcut bar, or click Open Remote Control on the Window menu.

Locking and blanking the host computer

- To permit locking and blanking on the host, change the Locking options in the Security dialog box on the host computer.

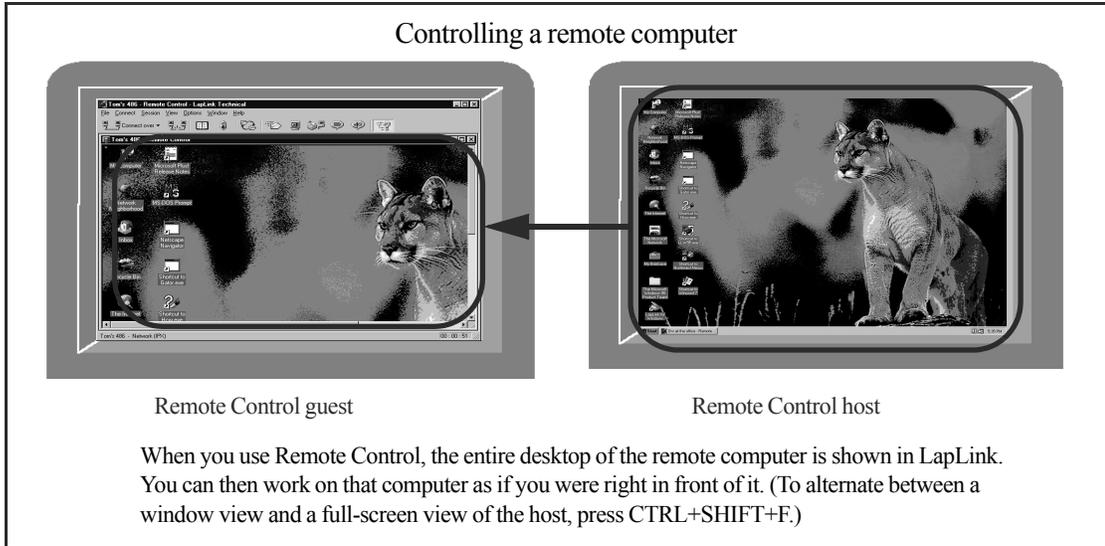
When you control a computer, you can lock the computer's keyboard and mouse and blank the computer screen. This prevents people from working on the host system or from viewing your work. You must set up the host computer to allow locking and blanking.

With the permission of the host computer, you can:

Lock the host keyboard Prevents anyone from typing on the host computer's keyboard while you're connected.

Lock the host mouse Prevents anyone from using the mouse on the host computer while you're connected.

Blank the host screen Blanks the host's screen, preventing someone at the host computer from watching what you do while connected.



To lock and blank the host computer after connecting, click Blank Screen, Lock Host Mouse, or Lock Host Keyboard on the Session menu. If these options are not available, the host computer might not be set up to allow locking and blanking.

Rebooting the host computer

You can reboot a computer you're controlling if the host computer is set up to let you do this. For example, you might want to restart a host computer to put into effect changes you have made on that computer or to recover from problems with a program on that computer.

To reboot the host computer from the guest:

- On the Session menu, click Reboot Host.

- To permit rebooting, change the rebooting option in the Remote Control Options dialog box on the host computer.

Additional security: starting LapLink before the Windows logon

You can require someone who wants to access your computer as a guest to type a Windows user name and password. To do this, set up LapLink to start before you log on to Windows.

To start LapLink before logging on to Windows:

- 1 Click Program Options on the Options menu.
- 2 Click the Advanced tab.
- 3 Check the Always Start LapLink Before Windows Logon Prompt box, and then click OK.

- When using LapLink on Windows NT or Windows 2000, Remote Control guests must log on by clicking Send CTRL+ALT+DELETE to Host on the guest computer's Session menu, or by pressing CTRL+SHIFT+D.

Transferring files and printing over a LapLink connection

Once you have connected to another computer, you can transfer files between computers and use Xchange Agent to synchronize folders and files on both computers. You can also print a file on a remote computer to your local printer or print a file on your computer to a remote printer.

- The LapLink Everywhere feature lets you transfer files to and from a computer from any Web browser. See “What’s new in LapLink Gold 11.5” on page 8 for more information.

- To distinguish between the two File Transfer windows, look for the computer name in the title bar at the top of each window.

- Another way to select a group of files or folders is to click the right corner of the group and drag to the opposite corner, forming a selection box.

- To set preferences for copying and moving, use the File Transfer Options dialog box; for more information, see the online Help.

Transferring files

When you connect to another computer and open File Transfer, you can transfer files and folders between that computer and your computer.

To start File Transfer and select the items you want to transfer:

- 1 Click the File Transfer button on the shortcut bar, or click Open File Transfer on the Window menu.

Two File Transfer windows appear, one for the remote computer and one for your computer. In these windows, you can view the files on both computers.

- 2 On the left side of the File Transfer window for the computer you want to copy or move a file from, click the drive and folder in which the file is located.
- 3 On the right side of that window, click the folder or file you want to transfer.
 - To select more than one item, hold down CTRL as you click each item.
 - To select two or more items listed next to each other, click the first item and press SHIFT while you click the last item.

To drag and drop the selected files:

- 1 Drag the files to the target.
 - To copy the files, hold down CTRL and your left mouse button as you drag them to the target folder.
 - To move the files, hold down SHIFT and your left mouse button as you drag them to the target folder.
- 2 In the File Copy or File Move dialog box, do any of the following:
 - Under To, verify the target, and change it if necessary.
 - Under Options, check or clear the options as needed. For more information, see the online Help.
- 3 Click OK.

Automating file transfers

LapLink's Xchange Agent, Clone Folder, and SmartXchange™ features automate the process of keeping the files on two computers in sync.

You can use these features to ensure that the most recent versions of the files and folders you specify are saved to both computers. You can even schedule synchronizations to run unattended.

- For more information about Xchange Agent, Clone Folder, and SmartXchange, see the online user's guide and Help.

Printing over a LapLink connection

Use Print Redirection to send a document from the computer at one end of the connection to a printer at the other end.

- **Print from remote to local** While using Remote Control to view and operate another computer, you can send a document from that computer to a printer at your location.
- **Print from local to remote** When connected to another LapLink computer, you can print a document from your computer to a printer at the remote location.

To print a document over a LapLink connection, choose the Print command in the program in which you have prepared the document, and then choose a printer at the opposite end of the connection.

Before using Print Redirection, you must add a printer driver to the computer you want to print from. (Add the driver to the computer that *doesn't* have the destination printer attached to it.)

You can add a printer driver during LapLink installation or use the Print Redirection Setup wizard after installation.

- To set up a printer after LapLink installation, click Print Redirection Options on the Options menu, and then click the Setup button to start the Print Redirection Setup wizard.

- You may need your Windows CD-ROM or printer disks to install the printer driver.

Talking over a LapLink connection: Text Chat and Voice Chat

Using **Text Chat** or **Voice Chat**, you can communicate with someone at the other end of your LapLink connection. Text Chat lets you exchange typed messages with the other person, while Voice Chat lets you speak to the person.

Using Text Chat

You can use Text Chat to exchange typed messages with a person at the other end of your LapLink connection.

A Text Chat window consists of two parts:

- The upper part displays the messages you send to the remote user as well as those the remote user sends to you. Each message is identified by the name of the computer from which it was sent.
- The lower part serves as a note pad on which you write your messages. It clears each time you send a message.

To send a message to the remote user:

- 1 Click the Text Chat button on the shortcut bar, or click Open Text Chat on the Window menu.
- 2 Click the Text Chat window.
- 3 Type your message.

Avoid pressing ENTER while you type your message. To start a new paragraph, press CTRL+ENTER.

- 4 Press ENTER to send your message.

Using Voice Chat

Use Voice Chat to talk to someone you're connected to over LapLink while using other LapLink services like File Transfer. To use Voice Chat, you and the person at the end of the LapLink connection must both have computers that are capable of recording and playing sound.

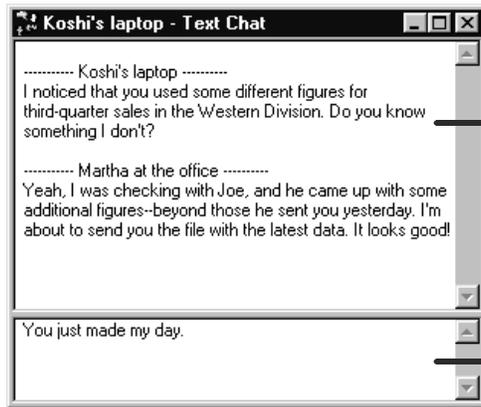
To talk to someone over Voice Chat:

- Click the Open Voice Chat button on the shortcut bar, or click Open Voice Chat on the Window menu.

LapLink "calls" the person at the other end of the connection and asks if he or she wants to talk to you. If the person accepts the Voice Chat connection, a Voice Chat window opens, and you can begin talking to the other person. Speak into the microphone and listen through headphones or speakers.

Talking over a LapLink connection: Text Chat and Voice Chat

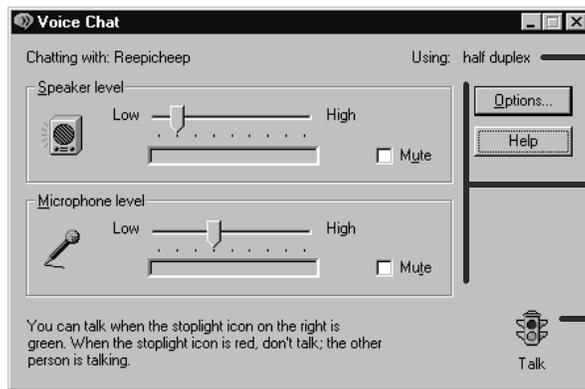
Using Text Chat



Read the messages from the remote computer—as well as your own—in the upper part of the Text Chat window.

Type your messages in the lower part. Press ENTER to send.

Using Voice Chat



The Voice Chat window appears while you're connected.

How you communicate over the connection depends on whether the current conversation is using half duplex or full duplex.

During a conversation, you can adjust your speaker and microphone and mute them, if necessary.

When you're using half duplex, watch the stoplight icon to determine when to talk.

Depending on the configuration of the sound card in both computers, your voice and the voice of the other user may be transmitted simultaneously, as if you were using a telephone (**full duplex**), or alternately, as if you were using a walkie-talkie (**half duplex**).

- The lower bandwidth of slow connections may prevent the use of full duplex.

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