

Using E-Mail on Your Newton Device

You can use your Newton device to send and receive electronic mail, or *e-mail*, to and from others connected to the Internet through a variety of e-mail systems, using public commercial providers and private corporate networks. Public commercial providers include Internet service providers (ISPs) such as Earthlink, Netcom, and Sprynet, or online services such as America Online. As an individual or small business, you can get an account with one of these providers to obtain e-mail services.

Private corporate networks are Internet or intranet services that reside on a company's internal network and typically use e-mail client software such as Eudora, Netscape Mail, or Microsoft Internet Mail. Private networks also include Local Area Network (LAN)-based e-mail with remote access where you use third-party client applications such as cc:Mail, Microsoft Mail, or QuickMail to send and receive e-mail.

Getting started

There are several things you need to do in order to use e-mail. You need to configure the Newton Internet Enabler software (create an Internet setup) to communicate between your Newton device and your ISP or intranet. If you're using a modem, you need to set your modem preferences. You also need to set up your e-mail application. Once these steps are done, you should be able to use e-mail on your Newton device.

Note: If you are using a corporate LAN with remote access, refer to your e-mail software documentation and contact your Management Information Systems (MIS) manager or network administrator for setup information.

If your corporate e-mail is Internet-based, your network administrator must provide you with access around the corporate firewall. If your company uses a LAN with remote access, you need a client application such as cc:Mail, Microsoft Mail, Notes Mail, or QuickMail on your Newton device to communicate with your company's system. Your network administrator also needs to provide you with settings to configure your Newton device, such as addresses and phone numbers. In most cases, your network administrator will set up your corporate e-mail system for you.

What you need

You can use Internet e-mail using an Ethernet or LocalTalk network or using a modem. Check one of the following sections to make sure you have what you need: "Using a Modem," "Using LocalTalk," or "Using Ethernet."

Important Apple is not responsible for the proper functioning of modems, modem setups, and ISP templates.

Using a modem

- Internet e-mail software, such as EnRoute™ i-net
- a modem compatible with your Newton device
- a modem setup file
- an Internet setup
- an account with an ISP or access to a private intranet through work or school
- network configuration information including
 - protocol (PPP, Point-to-Point Protocol, or SLIP, Serial Line Interface Protocol)
 - access number
 - user ID (also called a *user name* or *login name*)
 - password
 - network configuration information

If your configuration uses a server, you'll need the DNS/Name server address and the domain name.

If your configuration is manual, you'll need the local IP address, gateway/router address, DNS/Name server address, and the domain name.

Using LocalTalk

- Internet e-mail software, such as EnRoute i-net
- a LocalTalk cable connected to a computer on an AppleTalk network that has a MacIP server
- an Internet setup
- network configuration information including
 - POP user name
 - password
 - POP host
 - SMTP host
 - IP address information

If your configuration uses a MacIP server, you'll need the zone, gateway/router address, DNS/Name server address, and the domain name.

If your configuration is manual, you'll need the zone, the local IP address, gateway/router address, DNS/Name server address, and the domain name.

Using Ethernet

- Internet e-mail software, such as EnRoute i-net
- an Ethernet network running the TCP/IP protocol
- an Ethernet LAN adapter with a Newton OS driver
- an Internet setup
- network configuration information including
 - POP user name
 - password
 - POP host

- SMTP host
- IP address information

If your configuration uses a DHCP server, you'll need the domain name.

If your configuration is manual, you'll need the local IP address, subnet mask, gateway/router address, DNS/Name server address, and the domain name.

More on requirements

Read this section for detailed information about the above requirements.

Internet e-mail software

To send and receive e-mail, you need to have Internet e-mail software installed on your Newton device. If your e-mail software isn't installed, use connection software, such as the Newton Connection Utilities, to install it. For more information, see the documentation that came with your e-mail software or the connection software.

A compatible external modem (cellular or PC card)

There are a number of modems that you can use with Newton devices. For the latest information, go to the Modems for Newton OS Computers page on the World Wide Web at http://www.newton.apple.com/product_info/thirdparty/modemintro.html.

Note: The modem information provided by Apple does not constitute a recommendation or endorsement. Contact your dealer or modem manufacturer for more information. Apple User Assistance does not have modem information.

Manufacturers modify their modems on a regular basis. The modems listed on the Modems for Newton OS Computers page were tested for compatibility and operated correctly; however, changes in the modems may have introduced some incompatibilities. Apple attempts to keep its modem list up-to-date, but is often unaware of changes until they appear in the market. Apple is not responsible for the proper operation of any manufacturer's modem with Newton devices.

Important Most modem PC cards require a lot of power, so using them will shorten the life of batteries. When using a modem PC card, it is best to use the NiMH Rechargeable Battery Pack or plug in the optional AC adapter.

A modem setup file for the modem you're using

Most Newton devices come with several modem setup files already installed. Your dealer or the modem manufacturer can tell you which modem setup file will work with your modem. If the modem setup file that you need is not included with your Newton device, check the Modems for Newton OS Computers page at http://www.newton.apple.com/product_info/thirdparty/modemintro.html

If you can't find the file there, contact your modem manufacturer. You'll then need to install the modem setup file on your Newton device using connection software, such as the Newton Connection Utilities.

An Internet setup

An Internet setup is a collection of information you need to connect to the Internet using a network or a particular ISP. Using the Newton Internet Enabler (NIE) software, you can create an Internet setup to set up, or enable, communication between your Newton device and an ISP or network. For more information on creating an Internet setup, see the documentation that came with the NIE software.

Note: The e-mail software for many LAN services does not require the use of the NIE.

If you're connecting to the Internet using an ISP, you can use one of the ISP template files provided with the NIE software to help you create your Internet setup. For more information, see the section "An ISP Template File."

A private or corporate intranet

If you're accessing a corporate or private intranet, you need to contact the network administrator to get a user ID or login name and password, as well as the access phone number.

Many corporations have security policies that may restrict your use of a Newton device on their intranet. Check with your network administrator before attempting to connect your Newton device to your company's intranet.

An Internet service provider (ISP)

ISPs typically provide you with a telephone number to dial with your modem, an Internet mailbox, and access to the Web. Check the following when choosing an ISP:


- Make sure the ISP allows you to connect using either the PPP (Point-to-Point Protocol) or SLIP (Serial Line Interface Protocol) communications protocol.
- Tell the ISP what modem you intend to use, and make sure it's compatible with the modems used by the ISP.
- Ask the ISP if they have special software for configuring your Newton device. If they do, obtain the software and follow their configuration instructions.

An ISP template file

To connect to your ISP using your Newton device, you need to create an Internet setup. Templates for many ISPs are included with the NIE software.

Important ISPs may modify their networks; if so, these template files may not work correctly. Check with your ISP if you have any questions. Apple is not responsible for the proper functioning of any ISP templates.

To view the list of template files on your Newton device, follow these steps:

- 1** Tap or press Extras  to open the Extras Drawer.
- 2** Tap the folder tab and in the list that appears, tap Setup.
The Setup folder opens.
- 3** Tap the Internet Setup icon.



4 Tap New.

A list of the templates appears.

5 Do one of the following:

If your ISP is in the list, use this template when you create your Internet setup.

If your ISP is not in the list, contact your ISP to determine which template to use or to get help in creating an Internet setup.

Account information

You'll need the following information from your ISP or network administrator before you can use e-mail:

- your POP user name
- your password
- the ISP POP host address
- the ISP SMTP host address
- an Internet setup (use the Newton Internet Enabler software to create this)
- link protocol (PPP, Point-to-Point Protocol, or SLIP, Serial Line Interface Protocol)
- access telephone number
- DNS/Name server IP address
- domain name

Note: Only your ISP or network administrator can provide you with this information. Apple User Assistance does not have this information.

Setting modem preferences

If you're using a modem, you need to set preferences for it. You have two options:

- You can set modem preferences for a specific Internet setup.



If you access e-mail from different locations and use different modems, you might want to set modem preferences in each of the Internet setups you create. You can create an Internet setup for each location, and enter the settings for the modem you use at that location.

- You can set modem preferences for your entire system.

Each application you use with the modem will use the same preferences.


For more information about setting modem preferences for a specific Internet setup, see the documentation that came with the NIE software.

To set modem preferences for your whole system, follow these steps:

- 1** Open the Extras Drawer  and tap Prefs .

(If you filed Prefs in a folder other than Unfiled Icons, tap the folder tab, then tap the name of that folder.)

The Preferences slip appears.



- 2** Tap Modem .
- 3** Tap “◆ Connect using” and in the list that appears, tap the card slot or port you are using.
- 4** Tap “◆ Modem setup” and in the list that appears, tap the type of modem you are using.

For more information, see the documentation that came with your Newton device or “A Modem Setup File for the Modem You're Using,” earlier in this booklet.

Setting up your e-mail application

If you are using EnRoute i-net e-mail, follow the instructions in this section. If you're using other e-mail software, see the documentation that came with that software for instructions on how to set it up.



To set up the EnRoute i-net application, follow these steps:

- 1** Open the Extras Drawer  and tap Owner Info .

(If you filed Owner Info in a folder other than Unfiled Icons, tap the folder tab, then tap the name of that folder.)

- 2** Tap the owner that is using the e-mail software.
- 3** Tap Add and in the list that appears, tap EnRoute Internet Settings.
- 4** Enter the following information:
 - your POP user name
 - the POP host address
 - your password
 - the SMTP host address

For more information, see the documentation that came with the EnRoute i-net software.

- 5** Close all the slips until you get back to the Extras Drawer.
- 6** Tap InOut .
- 7** Tap the Information button  and in the list that appears, tap "inet Mail Prefs."
- 8** Select your preferences for sending and receiving e-mail.
- 9** When you're finished, close the slips.

For more information, see the documentation that came with the EnRoute i-net software.

If you need help

Setting up Internet e-mail can be difficult because you need to gather information from many sources. Apple has attempted to simplify this process by including modem setups and ISP templates on various Newton devices and with the NIE software.

See the next few sections if you're experiencing problems setting up e-mail.

If you have problems with a modem setup file or ISP template

- If your Newton device does not include a setup file for your modem or a template for your ISP, you'll need to obtain them from the modem manufacturer or ISP. For more information, see the earlier section "More on Requirements."
- Visit the Modems for Newton OS Computers page on the World Wide Web to see if your modem setup file or ISP template is available.

If you have problems using or setting up your e-mail software

- If you're having a problem using your e-mail software, see the documentation that came with your software for information on how to contact the software publisher.

If you have problems getting your modem to work

- See the documentation that came with your Newton device for information on setting modem preferences for your entire system.
- Visit the Modems for Newton OS Computers page on the World Wide Web or contact the modem manufacturer to verify that the modem is compatible with your Newton device.
- After you've verified that your settings are correct and your modem is compatible, contact your ISP or network administrator to determine if there are any known problems with using your modem type to connect to their service.
- If the problem appears to be with your Newton device, contact the manufacturer.

If you have problems connecting to your ISP or intranet

- Check your modem to see if it's working properly.
- Check the modem preferences. (See the earlier section "Setting Modem Preferences").
- Contact your ISP or network administrator and verify that the information in your Internet setup is correct.
- If the modem is working properly, and you have verified that the information in the Internet setup you're using is correct, contact the manufacturer of your Newton device.

World Wide Web pages

The following are the URLs (Uniform Resource Locators) for various Newton Web pages:

- Newton home page
<http://www.newton.apple.com/>
- Newton and E-Mail page
<http://www.newton.apple.com/technologies/email.html>
- Modems for Newton OS Computers page
http://www.newton.apple.com/product_info/thirdparty/modemintro.html

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Printed in the U.S.A.

034-0315-A



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