

HP NewWave Mail: Installation and New Features

Release A.03.2x for OpenMail



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What's New in this Release?

NewWave Mail A.03.2x includes the following new features:

Wider network support

If your Mail Server runs OpenMail version A.01.00 or later, this release supports the following networks in addition to those supported in previous releases:

- Microsoft LAN Manager 2.1.
- Novell NetWare for DOS/Windows 3.11.
- FTP PC/TCP 2.1 or 2.11. (You must obtain FTP's WINSOCK.DLL from FTP or one of their distributors.)

To use these networks, you must configure NewWave Mail to use the new User Agent Layer (UAL) Application Program Interface (API) to the Mail Server.

Network selection

You select the network you wish to use in the Server Details dialog box. You can change the network at any time. You no longer need to run a batch file to configure the network.

Remote password changing

You can now change your OpenMail password in the User Details dialog box. See the online help.

Wildcards in Distribution List

You can now use wildcards when entering names in Distribution Lists to display matching names on the Mail Server. See the online help.

Software Requirements

Mail Server	OpenMail A.00.01 or later for HP-UX (OpenMail for SCO Unix is no longer supported.)
Workstation	Microsoft Windows 3.00a and NewWave 3.x OR Microsoft Windows 3.1 and NewWave 4.x

These additional features are available in NewWave Mail A.03.1x and A.03.2x:

Customization of message printing

You now have direct control over the font used to print Incoming and Outgoing Messages. See Chapter 3.

Last writer name on message parts

Where a message contains items created by different people, the name of the last writer is displayed in the heading line for each part.

Minimization

All NewWave Mail objects can now be minimized. By minimizing commonly used tools and objects, you can access them without incurring the delay of reopening them. In particular, you can improve performance when sending messages by keeping the Out Tray open and minimized.

Agent support in NewWave 4.x

When running NewWave 4.x, NewWave Mail uses the NewWave 4.x keystroke record/playback mechanism. If you created Agent Tasks in NewWave 3.x, you must recompile them before running them on NewWave 4.x.

Printing on PostScript printers

You can now print messages on PostScript printers.

Windows Help

NewWave Mail now uses the Windows Help system. There is no longer a Help button on error message dialog boxes. For additional information, note the error number and look it up in the online help under “Problem Solving”.

Setting Up NewWave Mail

NewWave Mail can now connect to two Application Program Interfaces (APIs) on the Mail Server. Each API supports a different range of networks. You must configure NewWave Mail to use the API appropriate to your network.

The two APIs are:

- The AdvanceMail API. This was used in previous versions of NewWave Mail. By default, NewWave Mail connects to this API. It can be used with any supported version of OpenMail.
- The new User Agent Layer (UAL) API. This can be used only with OpenMail version A.01.00 or later.

Use the table below to determine which API works with your network. Then follow the appropriate installation procedure: either “Installing NewWave Mail (AdvanceMail)” or “Installing NewWave Mail (UAL)”.

Networks	AdvanceMail API	UAL API
HP Network Services (NetIPC)	X	
HP ARPA Services (NetIPC)	X	
HP ARPA Services (Sockets)	X	X
Novell LAN WorkPlace (Sockets)	X	X
Microsoft LAN Manager (Named Pipes)		X
Novell NetWare for DOS/Windows (SPX/IPX)		X
FTP PC/TCP (Sockets)		X

Installing NewWave Mail (AdvanceMail)

Follow the installation procedure described in Chapter 3 of the *NewWave Mail Technical Guide*. Note this change to page 3-7:

- In the Server Details dialog box, there is now a Network Type field in addition to the Connection Type and Server Name fields. This field contains a list of supported networks. Select the network you wish to use to connect to the Mail Server.

Installing NewWave Mail (UAL)

Follow the installation procedure described in Chapter 3 of the *NewWave Mail Technical Guide*, noting these changes:

1. Install NewWave Mail on the workstation (steps 1 through 5 on page 3-2 of the *NewWave Mail Technical Guide*).
2. Change to the C:\HPNWPROG\HPNWMTC directory and type UAL.
3. Start NewWave and continue the installation procedure described on pages 3-4 to 3-10.
4. In the Server Details dialog box, there is now a Network Type field in addition to the Connection Type and Server Name fields (page 3-7). This field contains a list of supported networks. Select the network you wish to use to connect to the Mail Server.

Setting Up Network Connections

The information in this section replaces Chapter 4 of the *NewWave Mail Technical Guide*.

You no longer need to run a batch file to configure the network. Unless you are using a Sockets connection, you should now be able to connect to the Mail Server.

Sockets Connections

You must update the SERVICES and HOSTS files. Refer to your network documentation for the location of these files. If they do not already exist, you must create them.

SERVICES file This must contain the following entry:

```
openmail 5729/tcp
```

HOSTS file If you have loaded Domain Name Services, you do not need to update the HOSTS file. If not, you must add an entry giving the IP address and name of the Mail Server. For example:

```
15.177.84.5 mercury
```

The name of the Mail Server specified in the Server Details dialog box must exactly match the name specified in the HOSTS file.



Changing the Current API

Note

The information in this chapter is relevant only if your Mail Server uses OpenMail A.01.00 or later.

By default, NewWave Mail connects to the AdvanceMail Application Program Interface. You can change to the User Agent Layer API at any time. This chapter describes how to:

- check which API you are currently using
- switch between the AdvanceMail and UAL APIs
- delete program files associated with the API you no longer wish to use

About the UAL API

The UAL provides an open, standard interface to the services provided by the Mail Server. This makes NewWave Mail independent of the type of network being used to connect to the Mail Server and enables it to support a greater number of networks. Further networks may also become available as third-party vendors write to the UAL interface. NewWave Mail should be able to use these networks in exactly the same way as the existing ones.

The AdvanceMail and UAL APIs use different networking files. The files used with the AdvanceMail API are installed in the HPNWPROG\HPNWMTC directory, as before. The files used with the UAL API are installed in your WINDOWS and WINDOWS\UALDLLS directories. Details of the available networks are stored in the HPNWMAIL.INI file.

Checking the Current API

- Choose About ... from the Action menu of the In Tray or Out Tray.

If the line indicating the selected network contains the word "UAL", the current API is the UAL API. If not, the current API is AdvanceMail.

Switching between APIs

1. Exit Windows.
2. From the DOS prompt, change to the HPNWPROG\HPNWMTC directory.
3. To switch to the UAL API, type **UAL**.
OR
To switch to the AdvanceMail API, type **ADV**.

You will be connected to the selected API the next time you connect to the Mail Server.

Deleting API Files

If you know that you no longer need to connect to one of the APIs, you can delete the program files associated with it. This will free about 250 KB of disk space.

1. From the DOS prompt, change to the HPNWPROG\HPNWMTC directory.
2. To delete files used to connect to the AdvanceMail API, type **DEINST ADV**.
OR
To delete files used to connect to the UAL API, type **DEINST UAL**.

If you later wish to use the API files you have deleted, follow the instructions for switching between APIs. You will be prompted to insert the installation disk.

Customizing Message Printing

The information in this chapter replaces the section on “Customizing Message Printing” on pages 7-15 to 7-17 of the *NewWave Mail Technical Guide*.

You now have direct control over the font used to print Incoming and Outgoing Messages. Three settings for specifying fonts are available in the HPNWMAIL.INI file: PrintFont, PrintSize, and PrintPitch.

For best results, it is recommended that you add a PrintFont entry, as described in “Specifying a Font” on the next page. If you do not, NewWave Mail selects the most appropriate available, as described in “Default Font Selection” on page 3-4.

Summary of changes

- The font name is now the most important criterion.
- The PrintSize setting replaces the PrintRows setting. Existing PrintRows entries will be ignored.
- The PrintIndent setting now has a default value of 0, not 2.

Specifying a Font

To specify the font used to print messages, add entries to the HPNWMAIL.INI file under the [HPCCBROWPRINT] heading.

For example, to use the Windows 3.1 “Courier New” TrueType font, add:

```
PrintFont=Courier New
```

To use a 10 point “Courier” font, add:

```
PrintFont=Courier  
PrintSize=10
```

To check the names and sizes of the fonts available on your printer, choose the Fonts command from the Character menu of Microsoft Windows Write. (Other Windows word processors have a similar command.)

1. Selecting a font.

To select a font, add the following line:

```
PrintFont=name of font
```

If you do not add a PrintFont entry, fonts provided by the printer (that is, internal fonts, cartridge fonts, or soft fonts) will be chosen in preference to Microsoft Windows 3.1 TrueType fonts to reduce the time required to print messages.

2. Changing the font size.

The default size is 12 point. To change the size of the font, add the following line:

```
PrintSize=size of font (in points)
```

PrintSize replaces the PrintRows setting.

3. Changing the font width.

The default value is set so that $80 + \text{PrintIndent} + \text{PrintMargin}$ characters can be printed across the page. It depends on the width of the paper and any `PrintIndent` and `PrintMargin` entries you have added.

Paper Size	Usual Default Value
Letter (8.5 x 11 inches)	10 characters per inch
A4 (210 x 297 mm)	12 characters per inch

To change the width of the font, add the following line:

`PrintPitch=number of characters per inch`

If you are using A4 paper, you may be able to increase the width of the selected font by setting `PrintPitch=10`. However, some characters at the extreme right of the page may not be printed.

Note



Do not add a `PrintPitch` entry if you select a TrueType font. It may cause characters to be stretched or compressed horizontally.



Default Font Selection

If you do not specify a font, NewWave Mail selects the most appropriate printing font from those available on the printer. It is important that the exact printer type and font cartridges for the printer are configured in the Printer tool in the NewWave Office Window.

NewWave Mail considers the following criteria in the order listed. You can change some of the criteria by adding entries to the HPNWMAIL.INI file under the [HPCCBROWPRINT] heading.

1. Line length of 80 columns. NewWave Mail message parts are always formatted to 80 columns.
2. ANSI fonts. If an ANSI font is available, it will be selected. This is so the characters that are printed are the ones requested. Many printers cater to their own character set, for example Roman 8.

If you know that an extended character set is not going to be used, you can remove the ANSI restriction from the font selection criteria by adding the following line:

```
PrintANSI=0
```

3. Struckout fonts. A struckout font will not be selected unless no other ANSI fonts are available.
4. Print width. To preserve any formatting or tables in the printed message, a fixed pitch font will be selected. Each character occupies the same horizontal space.
5. Print margins. The default margin is zero character positions.

To specify a margin, add the following line:

```
PrintMargin=number of character positions from the margin that the text should begin
```

This setting does not affect the font selection. However, if characters are clipped from the edge of the page when you set a margin, reduce the value or alter other font selection parameters so that a smaller font is selected.

6. Message indents. Message parts can be indented from the part number, title, type, and header information. The default indent is zero character positions.

To specify an indent, add the following line:

`PrintIndent=number of character positions`

If you specify a font width, the indent is ignored. If not, NewWave Mail tries to find a font which will accommodate 80 columns in addition to this indent. If characters are clipped off the edge of the page, reduce the indent or alter the font width.

7. Font width. The default value is set so that $80 + \text{PrintIndent} + \text{PrintMargin}$ characters can be printed across the page.

To specify a font width, add the following line:

`PrintPitch=number of characters per inch`

8. Font size. The default size is 12 point.

To change the font size, add the following line:

`PrintSize=number of points`

9. Underlined or italic fonts. NewWave Mail will not select a font which is underlined or italic if other fonts satisfy the above criteria.
10. Bold fonts. NewWave Mail tries to print the part number, title, type, and header information in a bold font. If available, a bold font will be selected. A normal weight font will be selected for the remaining parts.

Customer
Reorder Number
D2109-90002

Manufacturing
Part Number
D2109-90001