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PowerTalk: Mail*Link PowerTalk to MS Mail Read Me File (10/95)

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TOPIC ---

This article contains the ReadMe file included with the Mail*Link PT/MS for
PowerTalk gateway software posted online.

DISCUSSION --

Mail*Link for PowerTalk/MS   1.6

Mail*Link PT/MS for PowerTalk is a personal e-mail gateway for PowerTalk users.
This gateway will allow PowerTalk users to send and receive mail into the
StarNine Mail system or, as formerly known, Microsoft Mail for AppleTalk
system. Mail can be sent and read with any PowerTalk mail-enabled application.

This release of Mail*Link for PowerTalk/MS is the first release of this gateway
by Apple Computer Inc. This gateway is functionally equivalent to version 1.0.0.
Future versions of this software will be modified and enhanced.

This software is licensed to you under the Macintosh System 7.5 license
agreement. All terms and conditions of this license must be followed.

Note: If you are upgrading from version 1.0.0 it is VERY IMPORTANT that you
follow the instructions in the Upgrading Section below.

The installation and upgrade procedure for this software will still install the
StarNine demonstration key files (which were part of the 1.0.0 release). However
the 1.6 release of the gateway has been modified to ignore the key files and
thus will never expire.

To use the PT/MS gateway you must have the Microsoft Mail Extension installed in
the Extensions folder of your System folder. The Microsoft Mail Extension is
part of Microsoft Mail for AppleTalk. Please refer to the PT/MS User Guide for
more information.

ITEMS OF NOTE
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• Power PC: If you are using a Power PC, turn off the modern memory manager
before installing PT/MS. After you have completed the gateway configuration
described in Chapter 2 and are sure that the gateway is working properly, turn

the modern memory manager back on. See "Power PC issues" on page 52 of the manual for related information.

• Gateway Operation: When you activate the PT/MS gateway, it uses the MS Mail extension to log in to the MS Mail Server specified in the Key Chain configuration window. It then sends pending mail from your Out Tray to the Server and transfers mail from your account on the Server to your PowerTalk In Tray at regular specified intervals until you deactivate the gateway or turn off your Macintosh. This process all takes place in background. While the MS Mail extension is actively communicating with the MS Mail Server, your Macintosh is temporarily unavailable for other tasks. This translates into slight freezes from time to time as you are going about your normal tasks as PT/MS logs into the server, with more significant hangups lasting a couple of seconds during large file transfers between the local disk and MS Mail Server. If the MS Mail Server is on a physically remote network or a large, busy network, the process of logging in to the Server will take longer. Increasing the interval at which you contact the MS Mail Server will mitigate hangups (An interval less than three or four minutes will hang your machine up in continual PowerTalk processing leaving no time for your machine to do anything else. We recommend a connection interval of at least five minutes).

INSTALLATION INSTRUCTIONS
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For new installations only:

We recommend that you install this software via the installer script.

Step 1

Double click on either the "Installer" icon.

Step 2

Select the drive on which you wish to install this software and click Install.

Step 3

Reboot the system after the software has been properly installed.

UPGRADE INSTRUCTIONS
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If you are upgrading from a previous release of Mail*Link PT/MS for PowerTalk, you should follow these instructions:

Step 1

Install the software as instructed in the section "GETTING STARTED - Installing Mail*Link PT/MS".

Step 2

After the system has rebooted, open the "PowerTalk Key Chain".

Step 3

Open the PT/MS personal gateway in the key chain.
The installation procedures change the file-id that PowerTalk uses to locate the
Mail*Link PT/MS file. Opening and closing the PT/MS Service configuration window
will cause the new file-id to be written into the PowerTalk configuration file.
Step 4

Close the key chain.
You will be told that you must reboot the system before PowerTalk will activate
the gateway.
Step 5

Reboot the system.

If you have trouble with the gateway after upgrading please re-install by
following the instructions in the Clean Upgrade Install section below.

CONFIGURATION
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Creating your PT/MS personal gateway

Once you have installed the software and rebooted the system (as described
above), follow these instructions to create your PT/MS personal gateway.

Step 1

Open the "Key Chain" located on your desktop.

Step 2

Press the "Add" button.

Step 3

You will be presented with a list of services that are available. Select
"Microsoft Mail Service".

Step 4

A new item with the server name of "Not Configured" and a service type of
"Microsoft Mail Service" will appear in your "Key Chain".

Step 5

Proceed to the "Configuring" section below.

Configuring your PT/MS personal gateway

Before configuring, make sure that you have selected your MS Mail server in the
Chooser. If you do not select this the PT/MS gateway will not be able to
connect.

To configure the PT/MS personal gateway, ensure that the "Key Chain" has been
opened.

Step 1

Double click (Open) the item with a service type of "Microsoft Mail Service".
The PT/MS personal gateway only allows one instantiation, so there should only
be one item with this type in the Key Chain window.

Step 2

A configuration window will be displayed. You should configure each item in this
window before closing the window. Window closing is equivalent to pressing the
"OK" button in a dialog. The "Key Chain" configuration windows have no "Cancel"
operation, so please ensure each item is properly filled in before closing the
window (you can always come back and change the selections at a later date, but
it is better if each item is properly filled in).

Step 3

Once you have entered the information in the configuration window, close the
window with a mouse click in the close box or by typing "<command>W". It may
take a few seconds for the window to close. This is because PowerTalk is
activating all of the personal gateway subsystems and informing them of their
new configuration. Be patient.

Step 4

Once the PT/MS configuration window is closed, close the Key Chain window.

CLEAN UPGRADE INSTALLATION
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Use this procedure if you are experiencing problems with the gateway software.
You should not need to use this procedure for normal installs. To perform a
"Clean Install" of the gateway software, use the following procedure.

NOTE: Some gateways may remove mail from your In Tray and Out Tray when they are
reinstalled. Be sure to back up any items in your InTray and OutTray by dragging
them to another folder on your hard drive.

NOTE: This will remove all services from your keychain, so be sure you have
the passwords for these services handy. If you have personal gateways already
installed, you will need to set them up again, so be sure you write down the
setup information that is contained in each key, if necessary.

This procedure removes all "Mail*Link" gateways. If you have multiple
"Mail*Link" gateways installed, you will need to re-install each of the
gateways you want to use.

Step 1

Open the Extensions folder, located inside the System Folder. Find the
following item(s) and drag to the trash (note only the gateways you have
installed will be in the Extensions folder):
  Mail*Link PT/QM
  Mail*Link PT/MS
  Mail*Link PT/INET

Step 2

Open the Preferences folder, located inside your System Folder. Find the
following items and drag them to the trash.
   StarNine (folder)
   PowerTalk Setup Preferences
   PowerTalk Startup Preferences

Step 3

Find the "Mail*Link Extras" folder, on the top level of your hard drive.
Drag this folder to the trash.

Step 4

Restart your machine. After you have restarted, choose "Empty Trash" from
the Special menu.

Step 5

Double-click the installer for the desired software, and click Install at
the Easy Install screen. After the installation is complete, your machine
will restart. If you are installing more than one gateway, repeat this step
for each gateway.

Step 6

Open the keychain and click "Add". Select the gateway from the list of
choices. A new item will be added to the Key Chain. Open this key, and
configure the gateway as you normally would. The gateway should now be
functioning.

MANUAL INSTALLATION INSTRUCTIONS
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The manual installation instructions are for advanced users who wish to build
their own installation process or who wish to install only portions of this
gateway. Installation using this process should be conducted only after you
fully understand how to use your Macintosh, and how to configure and use
PowerTalk gateways.

If you must install this version manually, please follow these instructions:

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Step 1
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Place the distribution diskette in the floppy drive.


Step 2
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Open the folder named "Drop Contents on System Folder".


Step 3
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Select all of the items in this folder and drag them onto the "System Folder"
icon.


Step 4
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You will be presented with a dialog box that indicates these files belong in
special locations. Click "OK".


Step 5
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Close the "Drop Contents on System Folder" folder.


Step 6
------
Open the folder named "Place Contents in Preferences Folder".


Step 7
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Select all of the items in this folder and drag them into the "Preferences"
folder (which is located within your "System Folder".


Step 8
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If you are presented with a dialog indicating that you will be replacing
existing files, click cancel. You should perform the "Automatic Installation"
procedure (above).


Step 9
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Reboot the system. This is necessary because some of the software installed is
only activated at boot time.


Note: With version 1.6 it is no longer required to install the key files.



KNOWN INCOMPATIBILITIES
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• PT/MS and MailSwitch:  Running the MS Mail MailSwitch utility simultaneous
with gateway operation has been reported producing odd behavior, particularly,
PT/MS reports a -1981 error in its log on a mail message send. A restart should
cure the confusion.


• PT/MS and RAM-Doubler:  There have been some reports of inconsistencies
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running PowerTalk and PMSAMs with RAM-Doubler.

• When a mail message is forwarded, the name and address of the original sender
are not preserved.

• CE Software's QM for AOCE may be used to send mail, although you must select
the AppleMail format when sending the message. This application may NOT be used
as the default mail reader. If it is selected, AppleMail will be used instead.

SUPPORT
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If you need any additional help installing, configuring or using this gateway
please call Apple Support at: 1 (800) SOS - APPL

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Support Information Services

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