# Avatar.

*MacMainFrame*™ *Series*
*Macintosh-to-Mainframe Link*

*MacMainFrame*
*for PATHWORKS*™

*Release Notice*

# *MacMainFrame™ Series*

## *Macintosh to Mainframe Link*

## MacMainFrame for PATHWORKS Software

## *Release Notice*

Avatar.

66-2551-000 AA

WARNING: This equipment generates, uses, and can radiate radio frequency energy; and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J, Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference; in which case the user must correct the interference at his/her own expense.

WARNING: This equipment is a Class A digital apparatus which complies with the Radio Interference Regulations, CRC c. 1374.

MacMainFrame Series
Part # 66-2551-000 AA

Printed in the United States of America

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# Preface

This Release Notice describes the MacMainFrame™ for PATHWORKS software. This software product lets Macintoshes communicate with IBM mainframes using DECnet/SNA gateways.

## Audience

This Release Notice is for people who install MacMainFrame products, people who administer MacMainFrame networks, and people who use MacMainFrame applications.

## How To Use This Release Notice

Be sure to use this Release Notice in conjunction with the manuals that come with your MacMainFrame product(s). See the "Related Documents" section below.

## Related Documents

| | |
|---|---|
| *Coax/Token-Ring/SDLC Workstation User's Guide* | Avatar Part No. 65-2500-100 |
| *Version 5.0 Software Release Notice* | Avatar Part No. 65-2500-102 |
| *PATHWORKS™ for Macintosh® Version 1.1 Network Services User's Guide* | Digital Equipment Corporation Part No. AA-PBFKC-TE |
| *DECnet/SNA Gateway-ST Installation* | Digital Equipment Corporation Part No. AA-JE89B-TE |
| *DECnet/SNA Gateway-ST Installation Problem Solving* | Digital Equipment Corporation Part No. AA-MA17B-TE |
| *DECnet/SNA VMS Gateway Management* | Digital Equipment Corporation Part No. AA-LU43B-TE |

## For More Information

For additional information about a specific MacMainFrame product, please contact your Avatar representative.

## For More Help

Contact Avatar Customer Support at 1-800-282-8276.

If you are in Canada, call 1-800-235-8276.

## Terminology

For convenience, we'll occasionally refer to any MacMainFrame Series product as a **MMF product** hereafter.

To refer to the MacMainFrame for PATHWORKS software, we'll sometimes say simply **MMF** when it's not important which module – the application, the drivers, or other software – is responsible for the given effect.

# Introduction

The MacMainFrame™ for PATHWORKS software allows your Macintosh computer to make a connection to an IBM host. Once the Macintosh is connected to the host, MacMainFrame lets your Macintosh emulate IBM 3278/79 terminals and IBM printers, and provides host file transfer capabilities.

There are some additional components that you are required to have in order for MMF for PATHWORKS to work properly. For hardware, you must have a DECnet/SNA gateway that can reach the IBM host. This gateway distributes LU sessions over a DECnet network. For software, you must have Avatar's MMF for PATHWORKS and PATHWORKS™ for Macintosh (from Digital Equipment Corporation) software on your Macintosh. This software enables your Macintosh to communicate with an IBM host.

There are three ways that you can connect your Macintosh to a DECnet/SNA gateway: The connection methods are:

- DECnet connection via Ethernet

- AppleTalk connection via LocalTalk, Ethernet, or Token-Ring

- DECnet connection via Serial connection

If your Macintosh is on a DECnet network, you can connect to the DECnet/SNA gateway via Ethernet cabling. See the "Connection Using DECnet" section for more detailed information.

If your Macintosh is connected to an AppleTalk network, your network will have an AppleTalk-to-DECnet gateway, and a DECnet/SNA gateway. The AppleTalk-to-DECnet gateway receives AppleTalk data packets and sends them to the DECnet/SNA gateway in the proper format. See the "Connection Using AppleTalk" section for more detailed information.

If your Macintosh is on a DECnet network, you can make a serial connection to the DECnet/SNA gateway using modems. See Chapter 7, Using Asynchronous DECnet Communications, in the "Using DECnet for Macintosh" section of the *PATHWORKS™ for Macintosh® Version 1.1 Network Services User's Guide* (Part No. AA-PBFKC-TE) for more information.

# Connection Using DECnet

When your Macintosh connects to a DECnet/SNA Gateway via Ethernet, your configuration may resemble the following diagram.
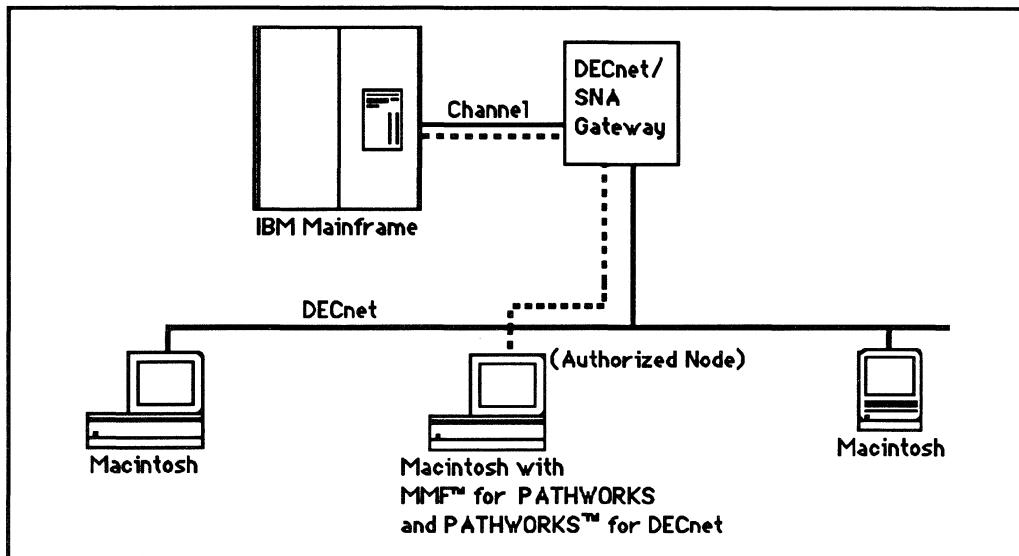
```
                                      ┌──────────┐
          ┌──────────┐                │ DECnet/  │
          │      ▄   │    Channel     │ SNA      │
          │      █   │  ----------    │ Gateway  │
          │      █   │                └──────────┘
          └──────────┘                     :
           IBM Mainframe                   :
                                           :
              DECnet              ·········:
     ─────────────────────────────     ──────────────────────
          ┌──────┐        ┌──────┐(Authorized Node)   ┌──────┐
          │      │        │      │                    │      │
          └──────┘        └──────┘                    └──────┘
          Macintosh      Macintosh with              Macintosh
                         MMF™ for PATHWORKS
                         and PATHWORKS™ for DECnet
```

In this diagram, when the Macintosh establishes a connection with an IBM host, data travels from the Macintosh, over DECnet, to a DECnet/SNA gateway. From the gateway, the data travels through a channel connection (or an SDLC connection) to the IBM host.

## Connection Using AppleTalk

When your Macintosh connects to an AppleTalk-to-DECnet gateway via LocalTalk and EtherTalk, your configuration may resemble the following diagram.
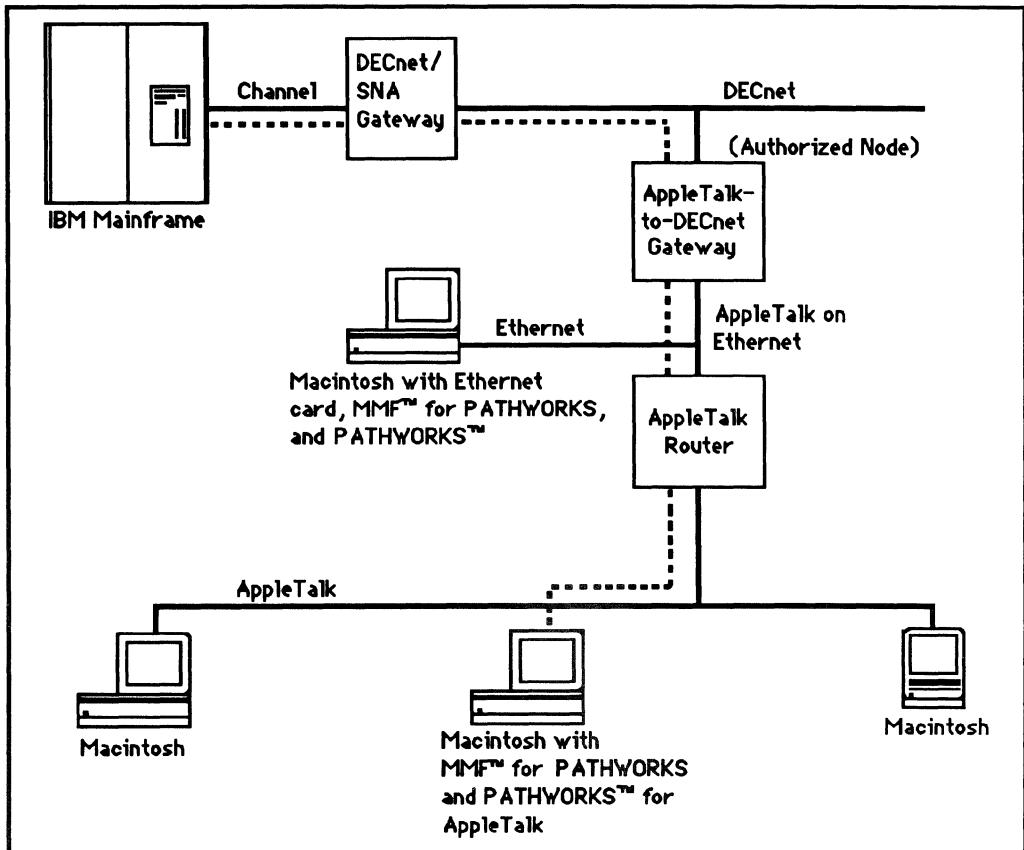


In this diagram, when the Macintosh establishes a connection with an IBM host, data travels from the Macintosh, over AppleTalk, to an AppleTalk Router. The router then sends the request over Ethernet, to the specified AppleTalk-to-DECnet gateway.

The AppleTalk gateway routes the data to the appropriate DECnet/SNA gateway on a DECnet network. From this gateway, the data travels through a channel connection (or an SDLC connection) to the IBM host.

## The User Interface Is Still The Same

Except for the new MMF for PATHWORKS menus, the user interface to MMF works the same as other MMF products.

This means you can continue to use all the MMF techniques you're used to – menus, dialog boxes, ⌘-key combinations, and so on. And you can still use your original MMF user documentation.

## 3287 Printer Emulation Option

The MMF 3287 software, which comes with the MMF for PATHWORKS software, emulates an IBM 3287-style printer. The 3287 option lets your Macintosh computer receive an IBM print stream on one of its LU Sessions and route the print stream to the printer selected in the Chooser. (The printer can be directly attached to your Macintosh or it can be elsewhere on the AppleTalk network.)

For complete information on the 3287 option, see the *Coax/Token-Ring/SDLC Workstation User Guide*. Look in the chapter that describes how to use the MacMainFrame 3287 option.

## File Transfer

You can transfer files to and from the IBM host using MMF 3270's file transfer capability. The file transfer commands are selections in the Workstation's pull-down menus. You must be logged on to the host to transfer files, but you can transfer them in one LU session while you work in another, or you can transfer them in batch.

For complete information on transferring files using MMF for PATHWORKS software, see the *Coax/Token-Ring/SDLC Workstation User Guide*. Look in the chapters that describe how to transfer a file.

## LU Sessions

A Macintosh running MMF for PATHWORKS software can have up to eight LU sessions open at the same time.

# What You Need First

As with all releases of MMF products, you need a Macintosh computer, Macintosh System software, and a network connection to your IBM host computer. For MMF for PATHWORKS, there are a few more requirements. The following sections describe these requirements in detail.

## Hardware Requirements

- A Macintosh computer with at least the capabilities of a Macintosh Plus.

- One hard disk drive.

- Access to a DECnet/SNA gateway.

  If your Macintosh connects to an AppleTalk network, you must supply the following items:

  - An AppleTalk Router (such as Avatar's MaxWay or Apple's Internet Router), if your Macintosh connects to an AppleTalk network which is not running 802.3 protocol, or connects to a different 802.3 LAN.

    **NOTE:** If you have an Ethernet card installed in your Macintosh, you can connect to the AppleTalk-to-DECnet gateway without going through an AppleTalk Router.

  - An AppleTalk-to-DECnet gateway

- You must supply a network connection to either a DECnet network or an AppleTalk network.

  - If your Macintosh is on a DECnet network, you must have an Ethernet card and Ethernet cabling.

  - If your Macintosh is on an AppleTalk network, you must have LocalTalk cabling to the AppleTalk router, and Ethernet routing to the AppleTalk-to-DECnet gateway and the DECnet/SNA gateway.

# Software Requirements

- MacMainFrame for PATHWORKS diskettes

- One of the following versions of the Macintosh System software:

  If you're running Version 6 - at least version 6.0.7

  If you're running Version 7 - at least version 7.0

- From the Digital Equipment Corporation you need the following items:

  - PATHWORKS for Macintosh (at least version Version 1.1)

  - Network Control Program (NCP) application

# Pre-installation Checklists

## Checklist for the System Administrator

Before you begin installing the MMF for PATHWORKS software, make sure:

1. The connections to the IBM mainframe are working.

2. The LUs that the host has allocated to you are active.

3. The DECnet/SNA gateway is working.

4. PATHWORKS is loaded on the AppleTalk-to-DECnet gateway (if you are using this type of gateway).

5. PATHWORKS is loaded on the user's Macintosh.

6. The Network Control Program (NCP) that comes with PATHWORKS (for the Macintosh) is loaded on the user's Macintosh.

7. The Access name is configured on the DECnet/SNA gateway.

8. Address and Node Name of the DECnet/SNA gateway is configured on the user's Macintosh. (Use the NCP application to configure a Node Name for the gateway.)

**Checklist for the User**

Each user must have:

1.	The MMF for PATHWORKS software diskettes from Avatar.

	**NOTE:** Look at the READ ME file for any last-minute information.

2.	The access name and node name for the DECnet/SNA gateway.  Get these names from the System Administrator.

3.	PATHWORKS running on the user's Macintosh.

# Installation

This section explains how to install the MMF for PATHWORKS software on your Macintosh computer.

**NOTE:** There are differences between some of the screens displayed under System 6.0.*x* software and System 7.0 software. When these differences occur, we'll show both versions of the screen.

## 1. Before You Start

1.    Make sure that all the cabling between the different components on your network is connected.

2.    Make sure that your System Administrator has installed the DECnet Tool or AppleTalk-DECnet Tool on your Macintosh.

      For more information on using PATHWORKS to connect your Macintosh to the AppleTalk-to-DECnet gateway or the DECnet/SNA gateway, see the *PATHWORKS™ for Macintosh® Version 1.1 Network Services User's Guide* (part number AA-PBFKC-TE) from Digital Equipment Corporation.

## 2. Load the Software

1.    Insert Avatar's MMF PATHWORKS disk into your Macintosh.

2.    Click the folder entitled **These go in the System Folder.**

3.    Select and drag the **Avatar** and the **MMF DECnet** icons to your System Folder. (The messages in step 4 assume that you drag both icons at the same time.)



Avatar          MMF DECnet

4. If you are using <u>Version 7.0 System software</u>, the system displays the following message.

```
┌─────────────────────────────────────────────┐
│  ┌─┐   These items need to be stored in special │
│  /!\   places inside the System Folder in order to │
│ /___\  be available to the Macintosh.  Put them │
│        where they belong?                    │
│                                               │
│              ( Cancel )  [[  OK  ]]          │
└─────────────────────────────────────────────┘
```
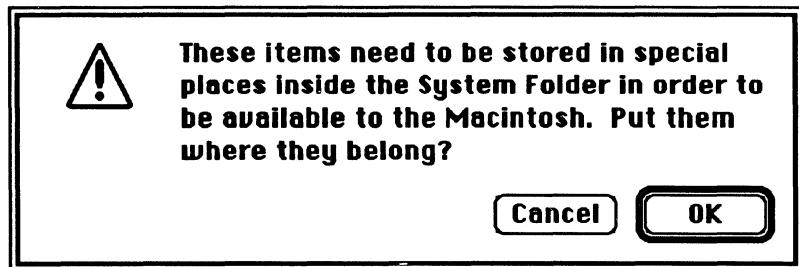
Click **OK** .

If you are using <u>Version 6.0.x System software</u>, the system automatically copies these files into the System folder.  The system does not display a message box.

a. If you are using <u>Version 7.0 System software</u>, and if you have previously installed MMF for PATHWORKS software, the following messages appear.

```
┌─────────────────────────────────────────────┐
│  ┌─┐   An older item named "Avatar" already │
│  /!\   exists in this location.  Do you want to │
│ /___\  replace it with the one you're moving? │
│                                               │
│              ( Cancel )  [[  OK  ]]          │
└─────────────────────────────────────────────┘
```

```
┌─────────────────────────────────────────────┐
│  ┌─┐   An older item named "MMF DECnet"     │
│  /!\   already exists in this location.  Do you │
│ /___\  want to replace it with the one you're │
│        moving?                               │
│                                               │
│              ( Cancel )  [[  OK  ]]          │
└─────────────────────────────────────────────┘
```
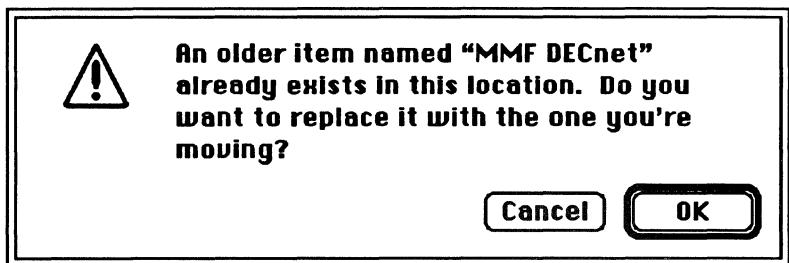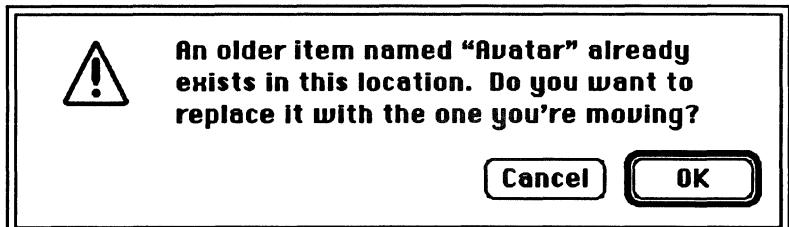
In each instance, click **OK**.

b. If you are using Version 6.0.x System software, and if you have previously installed MMF for PATHWORKS software, the following message appears.

> ⚠ **Replace items with the same names with the selected items.**
>
> [ **OK** ]  [ Cancel ]
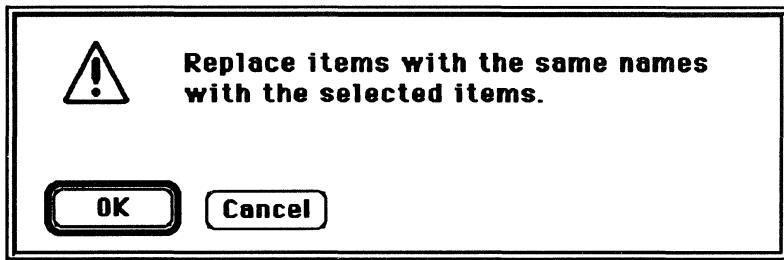
Click **OK** .

5. If you are using Version 7.0 System software, after the system copies the files to your hard disk, the following message appears.

> 📄 **1 control panel was put into the Control Panels folder.**
> **1 extension was put into the Extensions folder.**
>
> [ OK ]
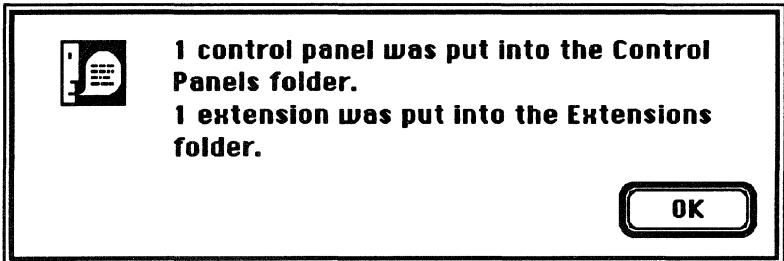
Click **OK** .

If you are using Version 6.0.x System software, the system does not display a message box.

6. Create a new folder to store the MMF 3270 application. We suggest that you name this folder, "MMF Folder". (It doesn't matter where on your Macintosh you create this folder.)

7. Insert the MACMAINFRAME APPLICATION diskette in your Macintosh.

8. Select and drag the **MacMainFrame 3270** icon to the new folder you created in step 6.



MMF Folder

MacMainFrame 3270
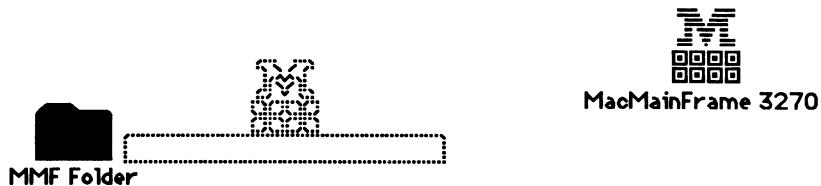
## 3. Select the MMF DECnet Driver

After you've installed the MMF for PATHWORKS software, you must select the MMF DECnet driver. This driver allows the Macintosh to work with the devices on the network. Follow these steps:

1. Pull down the Apple menu and select the **Control Panel**.

For System 6.0.*x*:
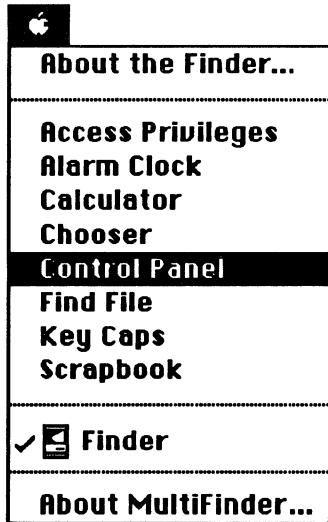
For System 7.0:

2.	If you have System 7.0, in the Control Panel folder, double-click the **Avatar** icon.  (If you have System 6.0.*x* in the Control Panel application, click the Avatar icon.)

The Avatar panel displays a list of MMF Drivers.

3.	Click the **MMF DECnet** icon.  This icon represents the MMF driver.

4.	Make sure the unlocked radio button is selected.
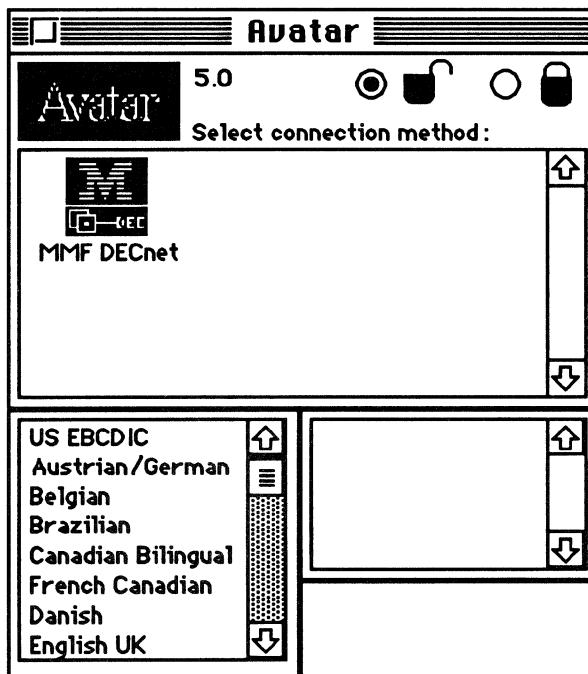


5.	Select one of the languages listed in the Language box.

6.  Close the Control Panel by clicking the Close box.

    You will see an alert box.



Please reboot to have
MacMainFrame connection
hardware changes take
effect.

OK
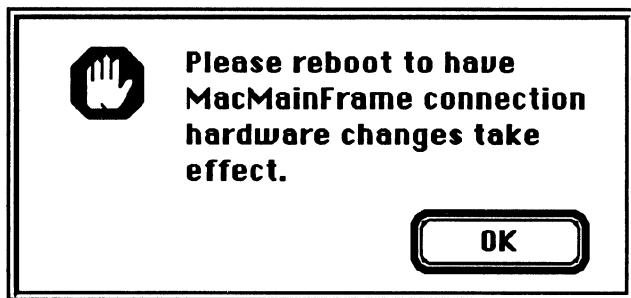
7.  Click **OK**.

8.  Pull down the Special menu and select **Restart** .

    As your Macintosh comes up, the driver icon appears along the bottom of your screen.

    **NOTE:** In the event of a bad start-up at power-up time, the driver icon turns on its side. If you see this type of icon, make sure your MMF hardware and software are installed properly. Here are sample icons:



    You can force the MMF driver not to run by powering up your Macintosh with your finger on the OPTION key or the mouse button. In this case, the driver icon appears with an X through it.

9.  When your Macintosh is up again and the upright icon appears at start-up (and no sideways or X-ed out icons have appeared), the MacMainFrame 3270 driver is running.

# 4. Start an LU Session

Follow these steps to start an LU Session:

1.    In the folder that you created during this installation procedure, double-click the **MacMainFrame 3270** icon.

2.    When the Personalization screen displays, type your name and organization. Then click **OK**.

3.    Select **New** from the File Menu.

4.    When the Session Parameters dialog box appears, look at the default value in the Screen Size pop-up menu. Change the values displayed in this field to reflect the type of IBM terminal you are emulating. Here's a sample screen:

```
┌─────────────────────────────────────────────────────┐
│                                                       │
│  ┌─────────────────────────────────────────────────┐ │
│  │        Please Select Session Parameters:        │ │
│  │                                                   │ │
│  │  Screen Size:    ┌──────────────────────────┐   │ │
│  │                  │ ▣ 24 rows, 80 cols (Mod 2)│   │ │
│  │                  └──────────────────────────┘   │ │
│  │  ☐ Use Extended Attributes                      │ │
│  │                                                   │ │
│  │  Session Type:   ◉ Terminal  ○ RPR   ○ Printer   │ │
│  │                                                   │ │
│  │  Access Name:    ┌──────────────────────────┐   │ │
│  │                  │                          │   │ │
│  │                  └──────────────────────────┘   │ │
│  │  Auth User:      ┌──────────────────────────┐   │ │
│  │                  │ Marketing                │   │ │
│  │                  └──────────────────────────┘   │ │
│  │  Auth Password:  ┌──────────────────────────┐   │ │
│  │                  │                          │   │ │
│  │                  └──────────────────────────┘   │ │
│  │                                                   │ │
│  │           ┌─────────────────────────┐           │ │
│  │           │   Connection Settings   │           │ │
│  │           └─────────────────────────┘           │ │
│  │    ┌──────────────┐      ┌──────────────┐       │ │
│  │    │   Cancel     │      │   Connect    │       │ │
│  │    └──────────────┘      └──────────────┘       │ │
│  └─────────────────────────────────────────────────┘ │
│                                                       │
└─────────────────────────────────────────────────────┘
```
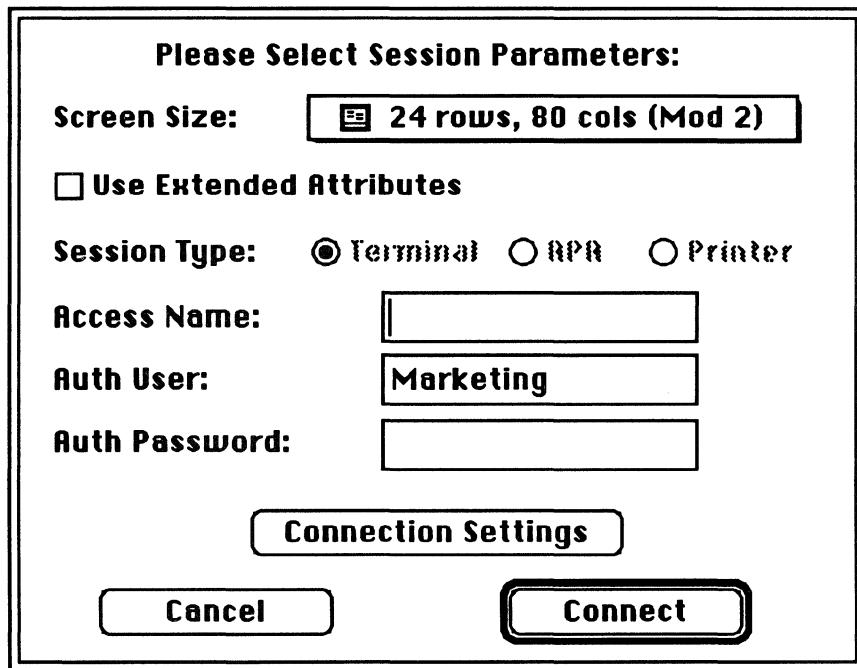
5.  In the Session Parameters dialog box, enter the **Access Name** . This name represents a list of parameters that are used to establish an LU session with an application on an IBM host. This name is assigned on the DECnet/SNA gateway by the System Administrator during the initial configuration process.

    **NOTE:** This field is not case sensitive.

6.  In the Session Parameters dialog box, enter the **Auth User** and the **Auth Password.** This information is sent to the DECnet/SNA gateway. The gateway uses this information to decide if a user is authorized to access a particular LU.

    This information is assigned by the System Administrator during the initial configuration process. For more information about the Authorized User and Authorized Password fields, see Digital Equipment Corporation's *DECnet/SNA VMS Gateway Management* manual (part number AA-LU43B-TE).

    **NOTE:** These fields are not case sensitive.

7.  In the Session Parameters dialog box, click the **Connection Settings** button (even though it is not highlighted).

    **IMPORTANT:** The Connect button is highlighted, but is not used until after you define the connection setting parameters.

8.  When the Connection Settings dialog box displays, select a Method of connection.

    •   If you are connected to a DECnet network, go to step 9 now.

    •   If you are connected to an AppleTalk network, skip to step 10 now.

**Selecting the DECnet Method**

9. Select the **Method** pop-up menu and highlight the **DECnet Tool**.

   After selecting the DECnet method, the following Connection Settings dialog box appears:

```
┌─────────────────────────────────────────────────────────────────┐
│                                                                   │
│  Connection Settings                        ┌──────────────┐     │
│                                             │      OK       │     │
│       Method:      ┌─────────────────┐      └──────────────┘     │
│                    │  DECnet Tool  ▼ │      ┌──────────────┐     │
│                    └─────────────────┘      │    Cancel     │     │
│  ──────────────────────────────────────────────────────────────  │
│                                                                   │
│                  ▐d▐i▐g▐i▐t▐a▐l▌         Node Names               │
│                  DECnet for Macintosh  ┌──────────────────┬─┐    │
│                                        │                  │⇧│    │
│         Node:     ┌──────────────────┐ │                  ├─┤    │
│                   │▏                 │ │                  │ │    │
│         Username: ┌──────────────────┐ │                  │ │    │
│                   │                  │ │                  │ │    │
│         Password: ┌──────────────────┐ │                  │ │    │
│                   │                  │ │                  │ │    │
│         Object:   ┌──────────────────┐ │                  ├─┤    │
│                   │                  │ │                  │⇩│    │
│                                        └──────────────────┴─┘    │
│  ──────────────────────────────────────────────────────────────  │
│   Version 1.1 Copyright © 1991 Thursby Software Systems, Inc.     │
└─────────────────────────────────────────────────────────────────┘
```
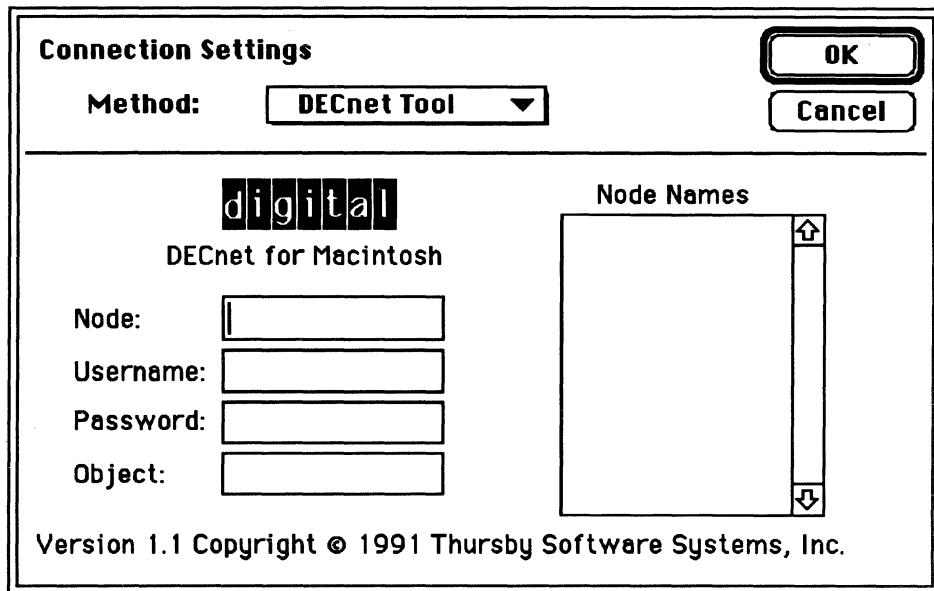
a. In the **Node** edit box, enter the node name that your System Administrator has assigned to the DECnet/SNA gateway. (You can also enter the node address in this field if the System Administrator did not assign a name to this address.)

   If a list of node names appear in the **Node Names** selection box on the right-hand side of the dialog box, highlight the appropriate name and it will appear in the **Node** edit box.

   For more information about the Node field, see Digital Equipment Corporation's *DECnet/SNA VMS Gateway Management* manual (part number AA-LU43B-TE).

   **NOTE:** This field is not case sensitive.

b. You can leave the **Username**, **Password**, and **Object** edit boxes blank.

**NOTE:** The MMF software automatically enters the Object ID for the DECnet/SNA gateway.

c. Click **OK** after you enter the information.

d. Now skip to step 11.

## Selecting the AppleTalk-to-DECnet Method

10. Select the **Method** pop-up menu and highlight the **AppleTalk-DECnet Tool** selection.

a. In the left-hand column, click the **Gateway** icon.

The following Connection Settings dialog box appears.
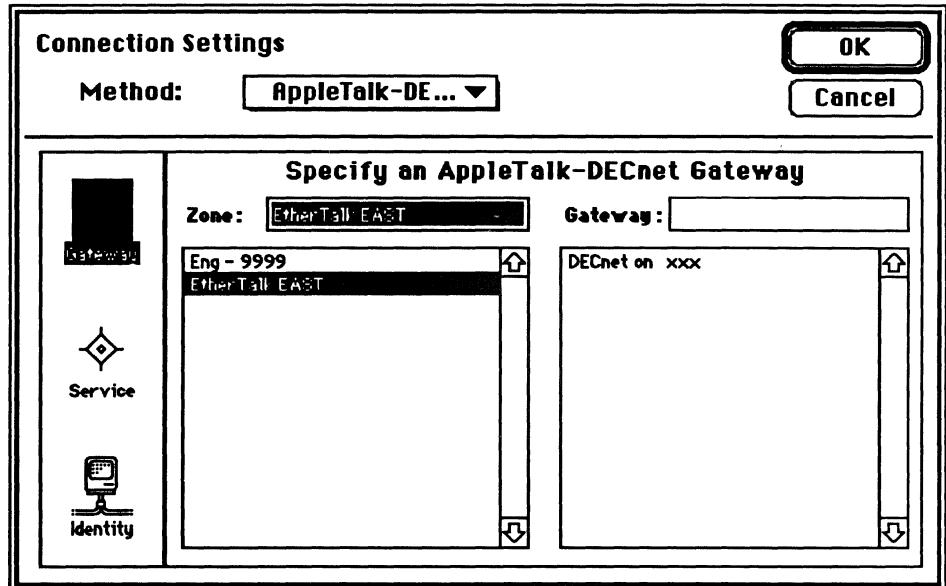


b. In the **Zone** selection box, highlight the appropriate zone.

The selection then appears in the Zone edit box on top of the selection box.

c.  In the **Gateway** selection box, highlight the AppleTalk-to-DECnet gateway.

The selection then appears in the Gateway edit box on top of the selection box.

11.  In the left-hand column, click the **Service** icon.

**IMPORTANT:** This is an important step. If you do not enter the node name on the DECnet Service screen, you will not get a connection to the IBM host.

The DECnet Service dialog box appears.
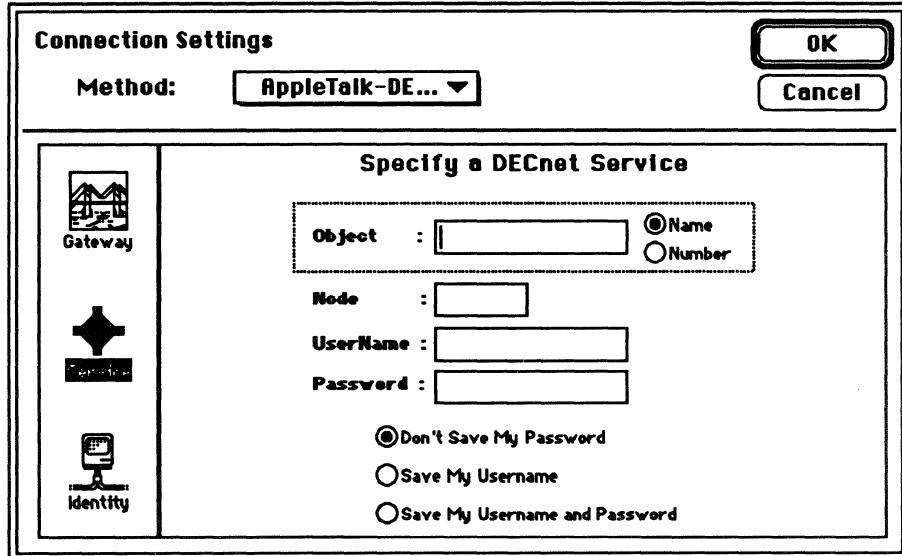


a.  Leave the **Object, Username,** and **Password** edit boxes blank.

**NOTE:** In the Object edit box, the MMF software automatically enters the Object ID for the DECnet/SNA gateway.

b.  In the **Node** edit box, enter the node name (or node address) assigned to the DECnet/SNA gateway. This name is assigned by the System Administrator during the initial configuration process. Contact your System Administrator for the Node name.

**NOTE:** This field is not case sensitive.

c.  Click the appropriate save button.

d.  Click **OK.**

e. When the Session Parameters dialog box appears, click **Connect**.

```
┌─────────────────────────────────────────────────────┐
│          Please Select Session Parameters:          │
│                                                     │
│   Screen Size:      ┌───────────────────────────┐   │
│                     │ ▤  24 rows, 80 cols (Mod 2)│   │
│                     └───────────────────────────┘   │
│   ☐ Use Extended Attributes                         │
│                                                     │
│   Session Type:    ◉ Terminal   ○ RPR    ○ Printer  │
│                                                     │
│   Access Name:     ┌───────────────────────────┐    │
│                    │▏                          │    │
│                    └───────────────────────────┘    │
│   Auth User:       ┌───────────────────────────┐    │
│                    │ Marketing                 │    │
│                    └───────────────────────────┘    │
│   Auth Password:   ┌───────────────────────────┐    │
│                    │                           │    │
│                    └───────────────────────────┘    │
│                                                     │
│              ┌─────────────────────────┐            │
│              │   Connection Settings   │            │
│              └─────────────────────────┘            │
│                                                     │
│   ┌───────────────┐      ┌───────────────────┐      │
│   │    Cancel     │      │     Connect       │      │
│   └───────────────┘      └───────────────────┘      │
└─────────────────────────────────────────────────────┘
```

f. Go to step 12 now.

12. When the LU session is running on the IBM host, the 3270 window appears. This window may display a greeting or a company logo. Here's a sample window with the Avatar corporate logon screen:

```
▓▢▓▓▓▓▓▓▓▓▓▓▓▓▓▓ Session 1:3 ▓▓▓▓▓▓▓▓▓▓▢▓
 VIRTUAL MACHINE/SYSTEM PRODUCT                          7
                                                         8
                                                         9
                          IBM VM/IS 6.0 AT              10
                        AVATAR CORPORATION              12
                           (LEVEL 8902)                 13
                                                        14
        AAAA  VV  VV   AAAA  TTTTT  AAAA   RRRRR        18
        AA AA VV  VV  AA AA   TT   AA AA   RR RR
        AA AA VV  VV  AA AA   TT   AA AA   RR RR
        AAAAAA VV VV  AAAAAA  TT   AAAAAA  RRRR
        AA AA  VVVV   AA AA   TT   AA AA   RR RR
        AA AA   VV    AA AA   TT   AA AA   RR RR


 Fill in your USERID and PASSWORD and press ENTER
 (Your password will not appear when you type it)
 USERID   ===> █
 PASSWORD ===>

 COMMAND  ===>
                                            RUNNING   AVATAR
 ▓▓▓
┌──────────────┬──────────────────────────────┬──────────────┐
│   AVATAR     │              ↑               │ ▓▓▓?▓▓  ▓▓   │
└──────────────┴──────────────────────────────┴──────────────┘
```

13. You now have an LU session on the IBM host. Logon to your host.

# How to Start An Additional LU Session

After you create an initial LU session, it is easy to start an additional session. The LU session can be with the same host, or you can establish an LU session with another host by accessing the gateway connected to that host. Follow these steps:

1.  Make sure that you have at least one LU session.

2.  Go to the session's 3270 window.

3.  To start an additional session with the same connection parameter settings, pull down the File menu and select **New Session....**

    MMF Workstation starts a new LU session (providing one is available) and displays the **Connection Settings** screen.

4.  If you want to use the connection settings defined for the previous session, click **Connect**.

    If you want to use different connection settings for this new session, complete steps 8-12 in the previous procedure entitled "Start a Session". After you enter the connection settings information, click **Connect**.

    After clicking the Connect button, the initial host screen appears. You can now use the session to log on to the IBM host.

    **NOTE:** You can start up to 8 LU sessions at one time. When you reach the session limit, the **New Session...** option on the File menu is disabled.

# How to Close an LU Session

When you are finished working with a <u>new</u> LU session:

- Pull down the File menu and select **Quit** or **Save As...** .

  - If you select **Quit** , click **OK** when the MMF Workstation asks you to save the document before quitting.  Enter a name for the MMF document and click **OK**.

  - If you select **Save As...** , enter the MMF document name on the displayed screen and click **OK** .

  In both instances, the MMF Workstation saves the connection settings as part of the MMF document.

When you are finished working with a <u>previously configured</u> LU session:

- Pull down the File menu and select **Close**.  This terminates all your current LU sessions and releases them to the IBM host, but leaves the MMF Workstation software running.  You can open another existing MMF document, start a new LU session, or go to another application for a while and return.

If you want to <u>release all</u> LU sessions and quit out of the MMF software:

- Pull down the File menu and select **Quit**.  This terminates all your current LU sessions and releases them to the IBM host.  It also quits out of the MMF Workstation software.

  If you made any changes to the settings during your session and you want to save them in a new MMF document, click **OK** when the system asks you to save the document before quitting.  Enter a name for the MMF document and click **OK**.

# How to Remove an LU Session

If you create a new session, use it, and then decide you no longer want to save the LU session, you can remove the session. To remove it, follow these steps:

1.  Display the LU session's window on your Macintosh.

2.  Log off the IBM host.

3.  Pull down the File menu and select **Remove Session**.

    This terminates the LU session, and removes it from the MMF document.

**NOTE:** Closing a 3270 window by clicking on **Close** or leaving a 3270 window does not terminate an LU session. It just hides the window.

# Everyday Start-Up

After creating an LU session (or multiple LU sessions) and then saving the settings for it in an MMF document, you can use this document to access the IBM host on a regular basis. This process saves you time because you get all the same connection setting parameters again – you don't have to type them in by hand.

To use an LU session on a regular basis, follow these steps:

1.  Choose the MMF document that contains the connection settings you want.

2.  Double-click on the MMF document icon.

    When the MMF 3270 application starts running, the personalization box displays briefly. Then MMF 3270 automatically opens a 3270 window for your LU session.

3.  If the system prompts you to enter a password, type the password that you entered in the Authorized Password field on the Session Parameters dialog box.

# Additional Features

This Release Notice provides information on installing the MMF for PATHWORKS
software and using an LU session. However, MMF for PATHWORKS provides
additional menu selections and features that are not described in this notice. Read
the *Coax/Token-Ring/SDLC Workstation User Guide* and the *Software Release
Notice* to find out the complete range of options and features available to you when
configuring and using an LU session.

# Glossary

**Access Name** - represents a list of parameters that a user uses to establish an LU session with an application on an IBM host.

**AppleTalk Network** - a group of Macintosh computers that are using the AppleTalk protocol to share files and printers.

**AppleTalk Router** - connects the AppleTalk network, which uses LocalTalk cabling to the AppleTalk-to-DECnet gateway, which uses Ethernet cabling.

**AppleTalk-to-DECnet Gateway** - the VAX computer on the network that allows communication between an AppleTalk network and a DECnet network. If a request is going from the AppleTalk network to the DECnet network, the VAX strips off the AppleTalk data and leaves the DECnet data in the packet. If the request is travelling in the opposite direction, the VAX adds AppleTalk data to the front of the packet.

**Channel Connection** - a high-speed parallel connection between the IBM host and the DECnet/SNA gateway.

**DECnet/SNA Gateway** - a node on the network that allows communication between an Ethernet network and an IBM mainframe.

**Driver** - a file in a system folder that tells the computer how to work with a device.

**Ethernet network** - a high-speed local area network that uses Ethernet cabling to connect various types of personal computers and network devices.

**LocalTalk Network** - a local area network that uses LocalTalk cabling, cable extenders, and connection boxes to connect Apple computers and network devices.

**LU Session** - the basic unit of connectivity to IBM hosts. LU (logical unit) and session are IBM network software terms that refer respectively to network nodes (like your MMF Workstation-equipped Macintosh) and ongoing network communications between a node and an IBM mainframe host. There are various types of LU sessions; the types are defined by the IBM host. Since the number of nodes with which an IBM host can communicate is limited, the host allocates LU sessions on a limited basis.

**Node Name** - the name assigned to the address of the DECnet/SNA gateway. This name is assigned on the DECnet/SNA gateway by the System Administrator during the initial configuration process.

**Object Number** - a number that identifies different applications running on DECnet nodes. The number 10 identifies the applications used for the DECnet/SNA gateway.

**PATHWORKS** - enables Macintosh computers and AppleTalk networks to communicate with a DECnet network.

**SDLC Connection** - a synchronous connection between a DECnet/SNA gateway and an IBM host.

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