X
Built for Mac OS X

Includes support for Mac OS X

DAVE®

Quick Start Guide

T THURSBY Software

The File Share Folks™ (and print)

DAVE OVERVIEW

IMPORTANT: Please refer to **DAVE Help** for more detailed information on all of DAVE's features and for troubleshooting DAVE. To access **DAVE Help**, select **Help** from the **Finder** menu and select **DAVE Help** from the **Help Center** menu. You can either click on the topic links or search by keyword.

If you have Macs and PCs that need to share files, DAVE is your solution. It's reliable, compatible with your existing software and user-friendly. DAVE provides separate installation programs for Mac OS X and Mac OS 8 and 9; two products in one to protect your investment!

Features:

- Bi-directional file sharing between Windows PCs and Macintosh computers
- Uses Microsoft native protocols so no additional hardware or software is required for the PC
- Unlimited network size
- Large file support (greater than 2 GB)*
- Support for long file names (more than 31 characters)*
- Network Logon for Microsoft Domain access
- Automatic workgroup detection
- Integrated help
- Mac OS 8 and 9 support for PostScript printers (inbound and outbound)
- Mac OS X support for PostScript and inkjet printers (inbound only)

*Requires OS 9 or OS X

DAVE REQUIREMENTS

DAVE requires the following hardware and software:

- Apple PowerPC Macintosh systems running Mac OS 8.6 or later
- Any hardware required to use TCP/IP
- CD ROM Drive

DAVE requires at least one of the following systems:

- Windows XP
- Windows 2000
- Windows NT Workstation or Server version 4.0 or later (service pack 6)
- Windows 95/98/Me
- Other CIFS Compliant Servers (e.g., Samba)

ADDITIONAL HELP AND SUPPORT

Please refer to the online help for more detailed information on all of DAVE's features, troubleshooting and information on purchasing an **Annual Update Agreement**.To access **DAVE Help**, select **Help** from the **Finder** menu and select **DAVE Help** from the **Help Center** menu. You can either click on the topic links or search by keyword.

We strongly encourage customers to register their products. If license information is misplaced, the completed product registration file is the only way we can access that information.

Registration grants access to telephone support from our qualified and friendly customer support team, and it offers protection when information is lost or misplaced. You may register online at our website **www.thursby.com/register** or return the form included with your kit.

DAVE online help
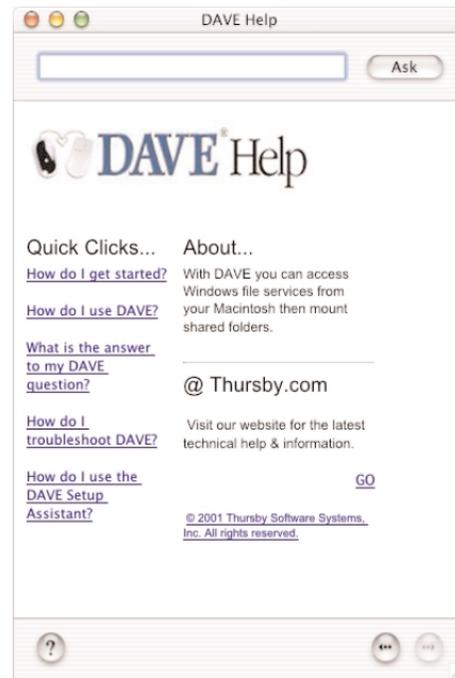
CONFIGURE A WINDOWS PC

NOTE: You must be sharing a folder on your PC for your Macintosh to see your PC on the network.

See your network administrator, **DAVE Help** (**Apple Menu** / **Help Center**), or Microsoft Windows documentation if you are having difficulty configuring your Windows computer. Also, verify your computer has the correct network hardware (network card, cables etc.). You will need to verify the following are **installed** and **enabled**:

> TIP: ON YOUR PC, RIGHT-CLICK ON THE NETWORK NEIGHBORHOOD OR MY NETWORK PLACES AND SELECT PROPERTIES TO VERIFY MOST NETWORK CONFIGURATIONS.

- **Client for Microsoft Networks**
- **TCP/IP**
- **File and Print Sharing for Microsoft Networks**
- **Network card installed and configured**

SHARE RESOURCES ON WINDOWS

See your Microsoft Windows documentation (Windows help system) if you are having difficulty configuring your Windows computer.

1. To share a resource (folder or printer) on your Windows PC, simply right-click on it and select **Sharing...** from the pop-up menu.

2. Click the **Shared As...** button and provide a share name. Select the desired access type for the shared folder. Once shared, the folder will appear with the shared folder icons.

INSTALL DAVE

IMPORTANT: TCP/IP should be configured on both your Mac and your PC before using the **DAVE Setup Assistant**. If you need help, see the **TCP/IP Setup** and **Troubleshooting** sections of this guide for more information.

Before you install DAVE verify your PC is configured correctly (see previous section).

1. Quit all other applications, insert the CD and double-click on the **DAVE Installer**. Also, Have your license code available to enter in the license field of the **DAVE Setup Assistant**.

2. The **DAVE Installer** will verify that your system has the required software and disk space available.

Mac OS X Installer   Mac OS 8 and 9 Installer

3. Choose an install option

4. **Restart** your Macintosh if prompted (in Mac OS X, you will not have to restart).

5. Complete the **DAVE Setup Assistant** (after you restart or after the installer quits, the DAVE Setup Assistant window will display).
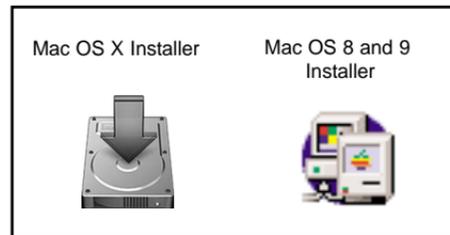
DAVE SETUP ASSISTANT

After you install DAVE, the DAVE Setup Assistant will automatically open. The DAVE Setup Assistant will walk you through the Macintosh configuration and explain things you will need to know to setup DAVE. Make sure you have your DAVE license code and WINS IP addresses (if your IP address is automatically configured).

TIP: MOST CONFIGURATION ISSUES CAN BE REMEDIED BY RE-RUNNING THE DAVE SETUP ASSISTANT. SEE DAVE HELP (FINDER / HELP).

Browse and Mount

```
                    Connect to Server

        Choose a server from the list, or enter a server address

        At:  [ 🌐 SUPPORT-WRKGRP         ▼] [▲]

  🌐 AppleTalk       ▷   🌐 ENGINEERING      ▷   💻 AARON-MAC
  🌐 DAVE Network    ▷   🌐 QA-DOMAIN        ▷   💻 AARON-PC
  🌐 Local Network   ▷   🌐 SUPPORT-DOMAIN   ▷   💻 BRIAN_IMAC
                        🌐 SUPPORT-WRKGRP   ▷   💻 CARL-ME
                        🌐 TSS              ▷   💻 CAROLYN-2000
                        🌐 TSS-ENGINEERING  ▷   💻 GATTON-IMAC
                        🌐 WORKGROUP        ▷   💻 SCOUT
                                               💻 SUPPORT_SERVER
                                               💻 WHALEY-WIN2K

  9 items

  Address: [                                        ]

  ( Add to Favorites )              ( Cancel ) ( Connect )
```
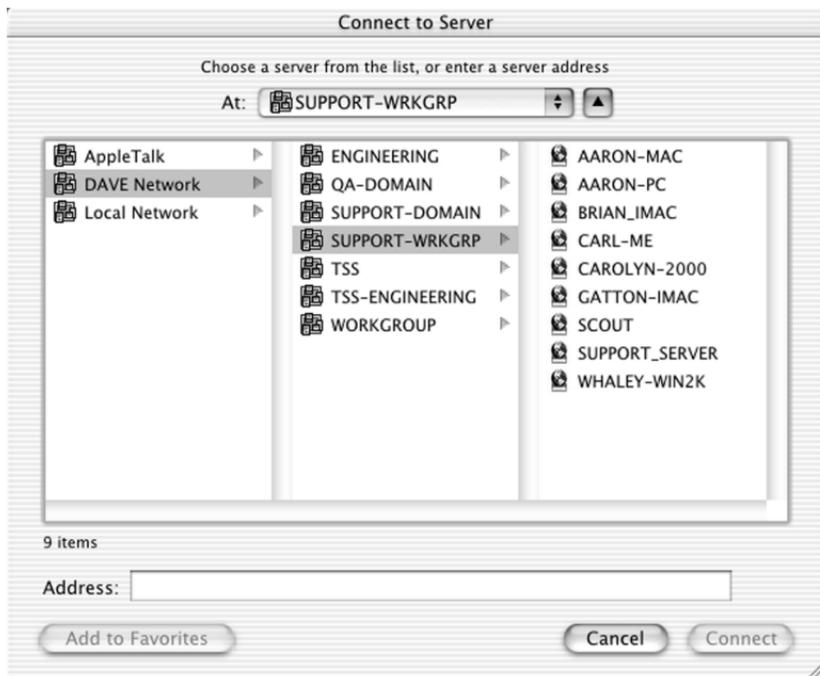
B R O W S E   A N D   M O U N T
F O L D E R S

When browsing in the Finder:

1. Select **Go** / **Connect to Server...** (or **Command+K**). The **Connect to Server** window will display.

2. Select **DAVE Network** then select a workgroup. The available computers will display.

3. Select a computer and click **Connect** (or double-click on the computer). Depending on the access privileges for a share, you may need to enter a password (share-level access) or be logged into the network (user-level access).

4. A list of shares will display in a separate window. Select the desired share and click **Mount** (or double-click on the share).

NOTE: The **At:** drop-down menu caches recently accessed servers in the **Connect to Server** window.

MOUNT A SHARED FOLDER MANUALLY

If you want to mount a share manually and you know its specific network address:

1. Select **Go** / **Connect to Server...** (or **Command+K**). The **Connect to Server** window will display.

2. In the **Address** field, enter the **Server** and **Share Name** using URL format. For example:

```
cifs://SERVER/SHARE
cifs://DOMAIN;USERNAME:PASSWORD@SERVER/SHARE
cifs://USERNAME:PASSWORD@SERVER/SHARE
cifs://:PASSWORD@SERVER/SHARE
```

If you use any special characters in a username, password or server, you must change them as follows:

@ to %40
: to %3A
; to %3B
/ to %2F
<space> to %20

3. Click **Connect** (or press **Enter**).
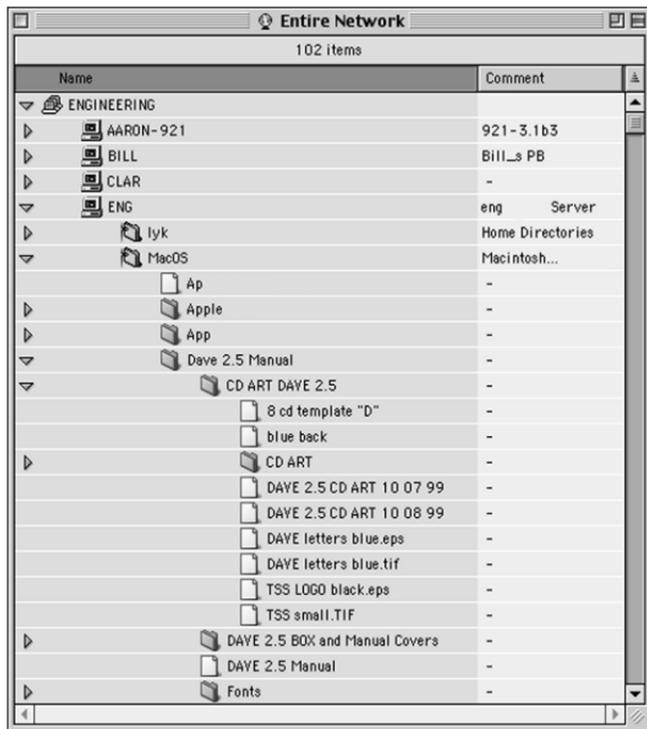
BROWSE AND MOUNT FOLDERS

Browse your network looking for files and folders with **DAVE**. Browsing is very similar to using the **Network Neighborhood** on Windows PCs.

NOTE: You can also browse using **DAVE Client** in the **Chooser**.

To browse for computers sharing files using **DAVE**:

1. Select **Apple menu** / **DAVE**. The computer names display in the **DAVE** application browse window.

2. Double-click on a computer name to see its shared folders. When you click on a computer name, a dialog appears that lists all the folders being shared by that computer. You may also see shared printers.

3. To mount a shared folder on your desktop, select the folder name then select **Mount Selection** from the **File** menu (or **Command+M**).

NOTE: A volume will automatically mount when you double-click on a file (the file will also be opened).

M O U N T   A   S H A R E D   F O L D E R   M A N U A L L Y

If the desired server does not display in the **Select a Server** dialog or the server you wish to mount is not listed, you can mount a server manually:

To mount a share manually using **DAVE**:

1. Select **Apple menu** / **DAVE** / **Access** / **Mount Manually...** The **Mount Manually** window displays.

2. Enter the **Server** and **Share** name of the volume (shared folder or resource) you wish to mount.

3. Select either the **NetBIOS** or **IP or DNS** name radio buttons.

4. Click **OK.**

NOTE: You can also browse using **DAVE Client** in the **Chooser**.

U S I N G   A   P C   N E T W O R K   P O S T S C R I P T   P R I N T E R

After browsing the available computers using **DAVE Client** in the **Chooser**, you can create a desktop printer on your Macintosh from a shared printer. DAVE for OS 8 and 9 only supports PostScript printers.

1. Select **Apple menu** / **Chooser** / **DAVE Client**. **DAVE Client** will display all available shares.

2. Browse for and double-click the desired server or computer. The **Select Share** window displays.

3. Double-click the desired printer. The **Create desktop Printer** window displays.

4. Select **Allow Binary Printing** (optional - sending binary data may cause errors for some PC printers) and click **Continue.** The printer will display on your desktop. The printer is now ready to use.
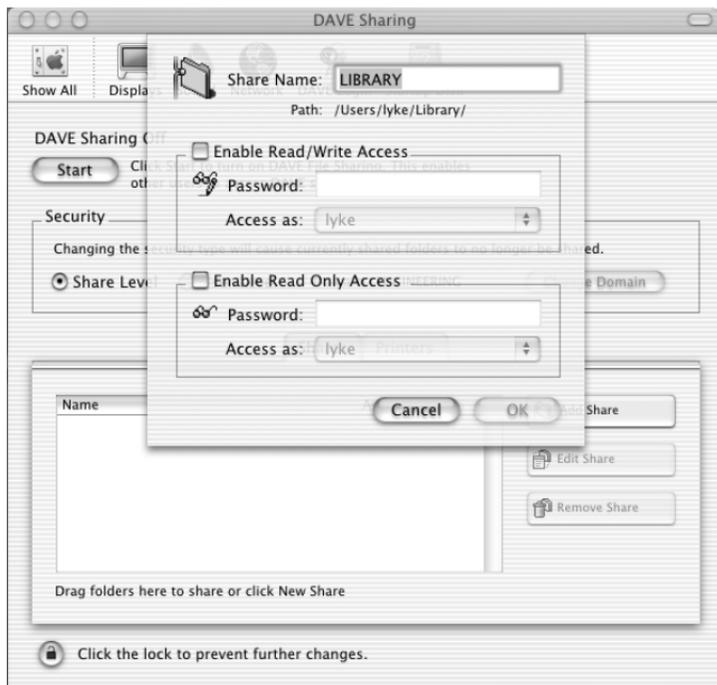
SHARE FOLDERS WITH SHARE-LEVEL SECURITY

Share-level security

1. Click on the **Start** button on the **DAVE Sharing** preferences window (**Apple menu** / **System Preferences...**) to start sharing resources.

2. Select the **Share Level** button to begin sharing with share-level security.

3. Click on the **Add Share** button to add a folder to your list of shared resources (or drag the desired folder onto the DAVE Sharing preference window). The **Share Level** access drop-down will display. Select the desired password mode (or both) from the dialog that displays:

> • **Read Only** - Assign one password that grants read-only access.
> • **Read/Write** - Assign one password that grants read-write access.

4. Select an access type from the **Access as** list. The default is the local user name currently logged into the computer.

5. Once you have created the access list, you can click **OK** and your folder will be available for sharing when **DAVE Sharing** is turned on.

NOTE: You must manually turn **DAVE Sharing** on (or off). Just adding a shared item will not cause **DAVE Sharing** to become active.

6. To remove or edit a share, select it then click **Edit** or **Remove Share**.

SHARE FOLDERS WITH USER-LEVEL SECURITY

User-level security utilizes domain accounts to allow access to your shared folders.

NOTE: You cannot use user-level security unless your network includes an NT, XP or 2000 domain server.

To share a folder:

1. Click the **Start** button on the **DAVE Sharing** preferences window (**Apple menu** / **System Preferences...**) to start sharing resources.

2. Select the **User Level** button to begin sharing with user-level security. The **Domain** window will display.

3. Enter your home domain (or workgroup name). If you don't know your domain name, contact your IT administrator.

4. Click on the **Add Share** button to add a folder to your list of shared resources (or drag the desired folder onto the **DAVE Sharing** preference window). To remove or edit an existing share, select it then click **Edit** or **Remove Share.**

User-level security

5. If you are not logged onto the network, you will need to provide credentials to your domain controller so you can get a list of users and groups that are members of your domain. Enter your user name and password for your domain, and click **OK**. A dialog will display:

- type in the desired share name (the original name is the default)
- choose the groups and users you are going to let access your shared folder.

6. To map remote user accounts in order to set local share privileges:

a. Click on the **User Aliases** tab.
b. For individual users, click on **Everyone** to expand the list and select individuals. (This may take a while if your domain has many users.) For groups, select the entire group.
c. Click **Add**. The user or group will display in the **User Aliases** field.
d. To remap the users access, in the **User Aliases** window (**User Aliases** tab) click the arrows next to the user to select (such as **root** or **nobody**) the access type.
e. In the **Share** tab, highlight user(s) in **User Alias** List (bottom part of pane).
f. Select **Add** to add them to the list of users that can access your shared folders.

7. In top pane, change privilege to read-only or read/write (default privilege is read only).

8. Click **DONE** when finished.

*See **DAVE Help** (**Finder** / **Help**) for more information.*

SHARE MACINTOSH PRINTERS WITH YOUR PC NETWORK

You may share any printer that is configured in the Mac OS X **Print Center** with your PC Network. Be sure you have the Windows driver software for your printer. Most printers come with driver software for all Mac and PC operating systems.

1. Click on the **Start** button on the **DAVE Sharing** preferences window (**Apple menu** / **System Preferences...**) to start sharing resources.

2. Select either **Share Level** or **User Level** access button (see previous sections for information on each).

3. Select the **Printers** tab and click on the **Add Printer** button to add a printer to your list of shared resources (or drag the desired printer onto the **DAVE Sharing** preference window). A dialog will display based on your access type; enter the desired access privilege information.

4. Click **Edit Printer** or **Remove Printer** (with the desired printer selected) to edit or delete a share from the list.

5. Click **Info** (with the desired printer selected) to remove print jobs from the print queue and to view printer information.

6. Select **Choose Spool Folder...** to select the folder that your print jobs will reside.

7. Click **DONE** when finished. The printer will now be available on your PC network.

8. On your PC, browse for the shared printer in the **Network Neighborhood** (or **My Network Places**) and double-click on the printer.

Follow the directions that display in the printer setup wizard.

SHARE FOLDERS/PRINTERS WITH SHARE-LEVEL SECURITY

Share-level security

DAVE for Mac OS 8 and 9 lets you share your files and PostScript printers with other CIFS networking clients such as Windows and other Macintosh systems running DAVE. With DAVE, Microsoft clients will see DAVE resources in their **Network Neighborhood** and Macintosh computers will see DAVE resources in the **Chooser**.

WARNING: Shutting down DAVE Sharing without properly notifying attached users to save their work and disconnect may result in data loss. If no users are connected to your Macintosh a warning will not be issued.

NOTE: You must manually turn **DAVE Sharing** on (or off). Just adding a shared item will not cause DAVE Sharing to become active.

If you have a Windows NT domain available on your network and want to use it for access control, you should read **Share Folders/Printers with User-Level Security**.

To share a resource on your Macintosh with others on your network:

1. Select **Apple menu** and **DAVE**. The **DAVE** application will display.

2. Select **File** and **File Sharing...** The **DAVE Sharing** window will display.

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*See **DAVE Help** (**Finder** / **Help**) for more information.*

3. In the **Sharing Options** field, click **Change...** and select **Password Protect Each Share** (Share Level) and click **OK**.

4. Click **NEW Share** and browse for the desired resource and click **Choose** or drag and drop an item onto the list of shared resources. The **Sharing Passwords** window will display.

5. Change the shared resource name (optional).

NOTE: Entering a new name in this field will not change the original name of the share.

6. Select one or both of the following access levels:

   • **Read Only** - Assign one password that grants read-only access.
   • **Read/Write** - Assign one password that grants read-write access.

7. Select either **Optimize for File Sharing** (users accessing your files have priority) or **Optimize for User Applications** (local computer runs applications faster).

8. Click the **Log Sharing Activity** checkbox. When using logging, **DAVE Sharing** will create a log file of the users accessing your shared resources in your System Folder. You can view this file with SimpleText or any other application that can open a text file.

9. Click **Start** at the bottom of the window. Your Macintosh will display in the **Network Neighborhood** (or **My Network Places**) under the workgroup you designated in the **NetBIOS** control panel. Once DAVE Sharing is started, users can access the resources you have shared.

10. Close the **DAVE Sharing** window.

SHARE FOLDERS/PRINTERS WITH USER-LEVEL SECURITY

User-level security

Configuring Share "WORKING"

Share Name: WORKING

"ENGINEERING" Users and Groups: Drag to bottom list to allow access.

▷ 🖳 Groups
▽ 🗋 Users
    🖳 Administrator
    🗋 anything

Access is allowed for these users and groups:

🖳 Administrator

Help
Read Only
Read/Write
Add Manually...
Clear
Select All

Drag items from the ... t to allow access. Use the
Sharing menu to add a user manually, and to control the type of access
allowed. Use Clear to remove selected items from the access list. Control-
click to use contextual menus.

Cancel   OK

You can use user-level access control if your network has at least one Windows NT domain. Windows NT domains provide security services needed by computers on your network. If you do not have a Windows NT domain available on your network, see **Share Folders/Printers with Share-Level Security**, since user level control only works with Windows NT domains.

1. Select **Apple menu** and **DAVE**. The **DAVE** application will display.

2. Select **File** and **File Sharing...** The **DAVE Sharing** window will display.

3. In the **Sharing Options** field, click **Change...** and click the **Use Windows Domain Security (User Level)** radio button, complete the **Get Domain Security Info From:** field (the name of the domain used to authorize access to shared resources) and click **OK**.

4. Click **New Share** and browse for the desired resource and click **Choose** or drag and drop a folder onto the list of shared resources. The **Configuring Share** window displays.

5. Select the users, groups (or **Everyone**) that you want to share your resources with by dragging them to the **Access is allowed for these users and groups:** box.

         *See **DAVE Help** (**Finder** / **Help**) for more information.*

6. If you are not logged onto the network, you will need to provide credentials to your domain controller so you can get a list of users and groups that are members of your domain. Enter your username and password for your domain, and click **OK**.

7. Select a user or group from the list and select **Sharing** (from the **DAVE** menu) or **Control** + **click** to change the access level:

  • **Read Only** - grants read-only access.
  • **Read/Write** - grants read and write access.

8. Change the shared resource name (optional) and click **OK**.

NOTE: Entering a new name in this field will not change the original name of the share.

9. Select **Sharing** / **Add Manually...** or **Control** + **click** to add a user or group manually (optional).

10. To remove a user or group select the desired listing and **Control** + **click**. Then select **Clear** from the drop-down menu (or you can select the user and click delete). When you have finished adding the desired users and groups click **OK**.

11. Select either **Optimize for File Sharing** (users accessing your files have priority) or **Optimize for User Applications** (local computer runs applications faster).

12. Click the **Log Sharing Activity** checkbox (optional). When using logging, **DAVE Sharing** will create a log file of the users accessing your shared resources in your System Folder. You can view this file with a document reader like SimpleText.

13. Click **Start** at the bottom of the **DAVE Sharing** window. Your Macintosh will display in the **Network Neighborhood** (or **My Network Places**) under the workgroup you designated in the **NetBIOS** control panel. Once **DAVE Sharing** is started, users can access your shared resources.

14. Close the **DAVE Sharing** window.

T C P / I P   S E T U P

If you already have TCP/IP on your network, you'll need to contact your network administrator for any information necessary to configure your computer. If you have a simple network that doesn't already use TCP/IP, use the following information.

NOTE: Misconfiguring TCP/IP could interrupt other users on your network.

If you are new to TCP/IP, you'll need a TCP/IP address and subnet mask for each computer you want to configure. Our suggestion is to use the following addresses:

Computer 1:

TCP/IP address: `192.168.0.1`
Subnet Mask: `255.255.255.0`

Computer 2:

TCP/IP address: `192.168.0.2`
Subnet Mask: `255.255.255.0`

NOTE: The last number in the address is incremented for each computer. This set of addresses range from 192.168.0.1 to 192.168.0.254. The subnet mask is the same for every computer in this address range.

T R O U B L E S H O O T I N G

You will need to have the following configured in order for DAVE to work:

- **TCP on the Macintosh**
- **TCP on the PC**

Please refer to the online help or the Thursby Software website for more detailed troubleshooting information. To access the online help, select **Help** from the **Finder** menu and select **DAVE Help** from the **Help Center** menu. You can either click on the topic links or search by keyword. The Thursby Software website is located at **http://www.thursby.com/support**

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This Agreement shall be governed by the laws of the State of Texas.

NOTES