

Actiontec® 1520 and 1524

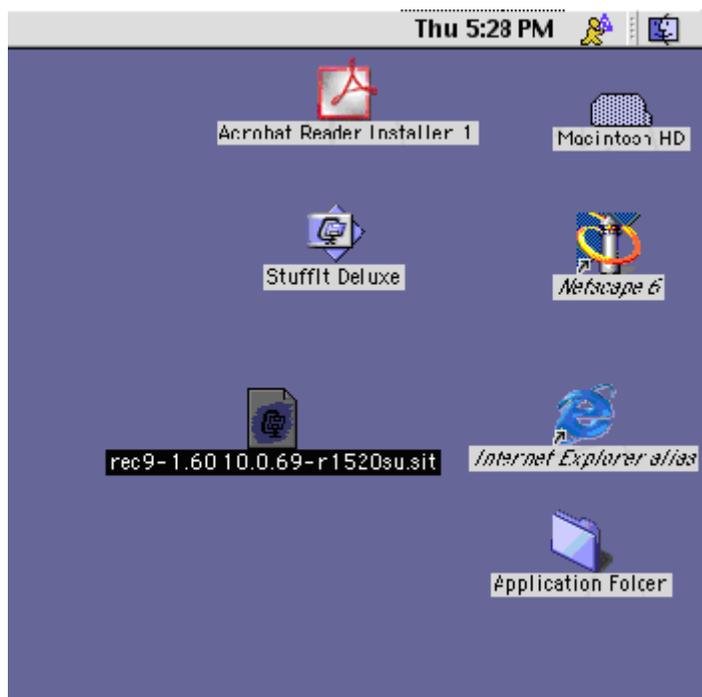
How to Recover Firmware for Mac OS® 8.01 to 9.2.2

If your Actiontec® DSL modem isn't working (i.e., the Internet LED light isn't on) or isn't responding properly, this recovery procedure will reset the modem to factory defaults.

Before you begin the steps in this document:

- Download the appropriate firmware recovery file, either for the Actiontec 1520 or 1524.
 - Plug the modem into one computer directly, using the Ethernet cable (don't use a wireless connection). This procedure won't work if a hub, switch or another router are used.
 - Record all configuration information. All modem configurations will be lost when you perform the recovery process. You'll need to reconfigure your modem once the recovery is complete.
1. Open the file. The file name you see on your screen may be different from the picture below, depending on if you have the Actiontec 1520 or 1524.

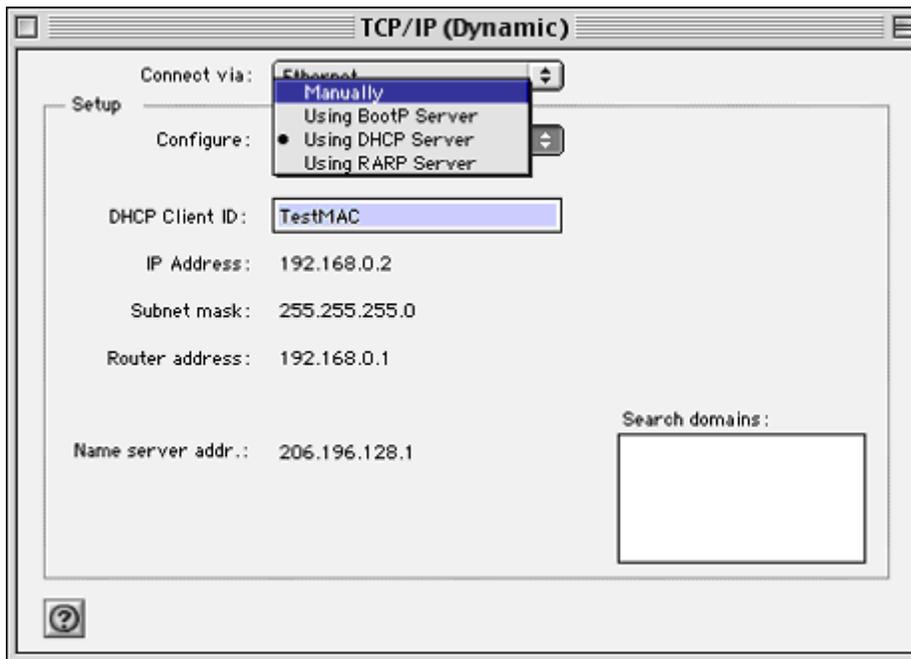
The file will un-stuff automatically and place a program folder on your desktop.



2. Select **Apple**. Then select **Control Panels** and **TCP/IP**.



3. Select **Configure**. Then select **Manually**.



4. To complete the modem firmware recovery, set your TCP/IP stack for static IP addressing using the following values:

- IP Address: 192.168.0.99
- Subnet Mask: 255.255.255.0
- Router Address: 192.168.0.1

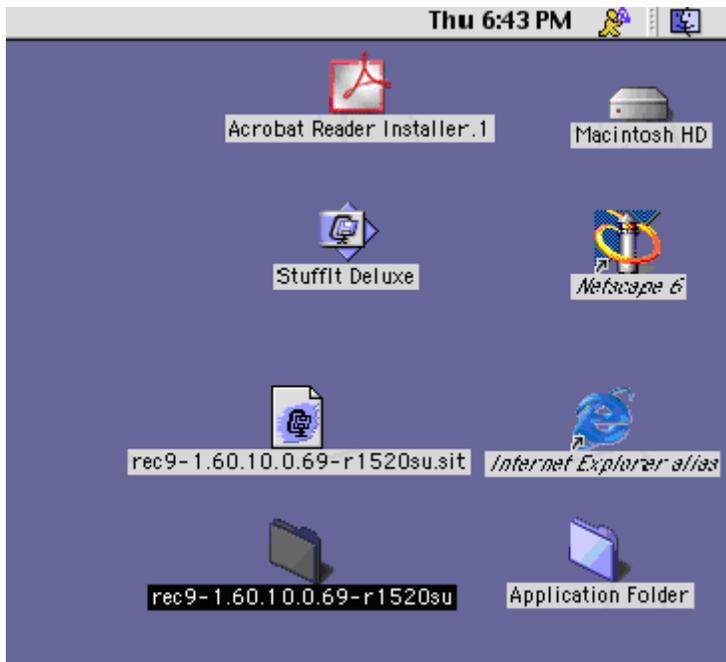
NOTE: If you've changed the LAN IP Address of your Actiontec gateway, use the new LAN IP address for the router address.

The screenshot shows a window titled "TCP/IP (Dynamic)". At the top, there is a "Connect via:" dropdown menu set to "Ethernet". Below that is a "Setup" section with a "Configure:" dropdown menu set to "Manually". The main area contains several input fields: "IP Address:" with the value "192.168.0.99", "Subnet mask:" with "255.255.255.0", and "Router address:" with "192.168.0.1". There are also empty fields for "Name server addr.:" and "Search domains:". A help icon is located in the bottom left corner of the window.

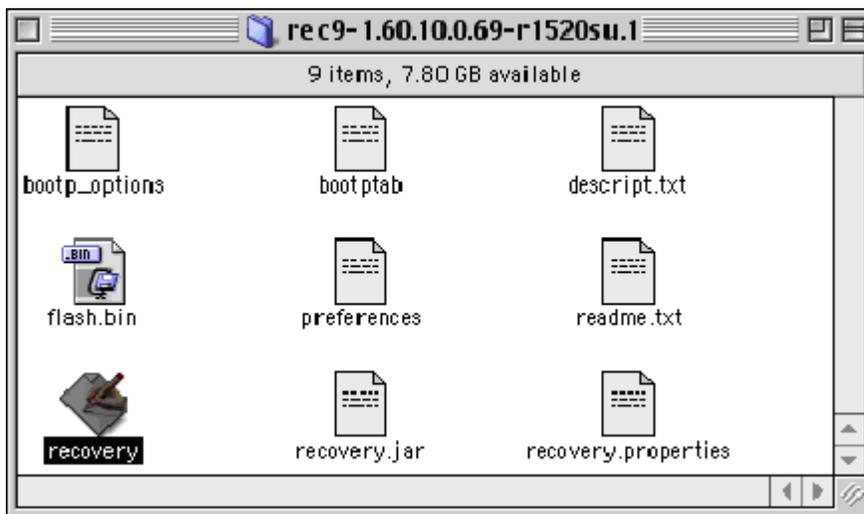
5. Select **Save**.

The screenshot shows a dialog box with a grey background and a red border. On the left side, there is a yellow warning triangle icon with a black exclamation mark. To the right of the icon, the text reads "Save changes to the current configuration?". At the bottom of the dialog box, there are three buttons: "Don't Save", "Cancel", and "Save".

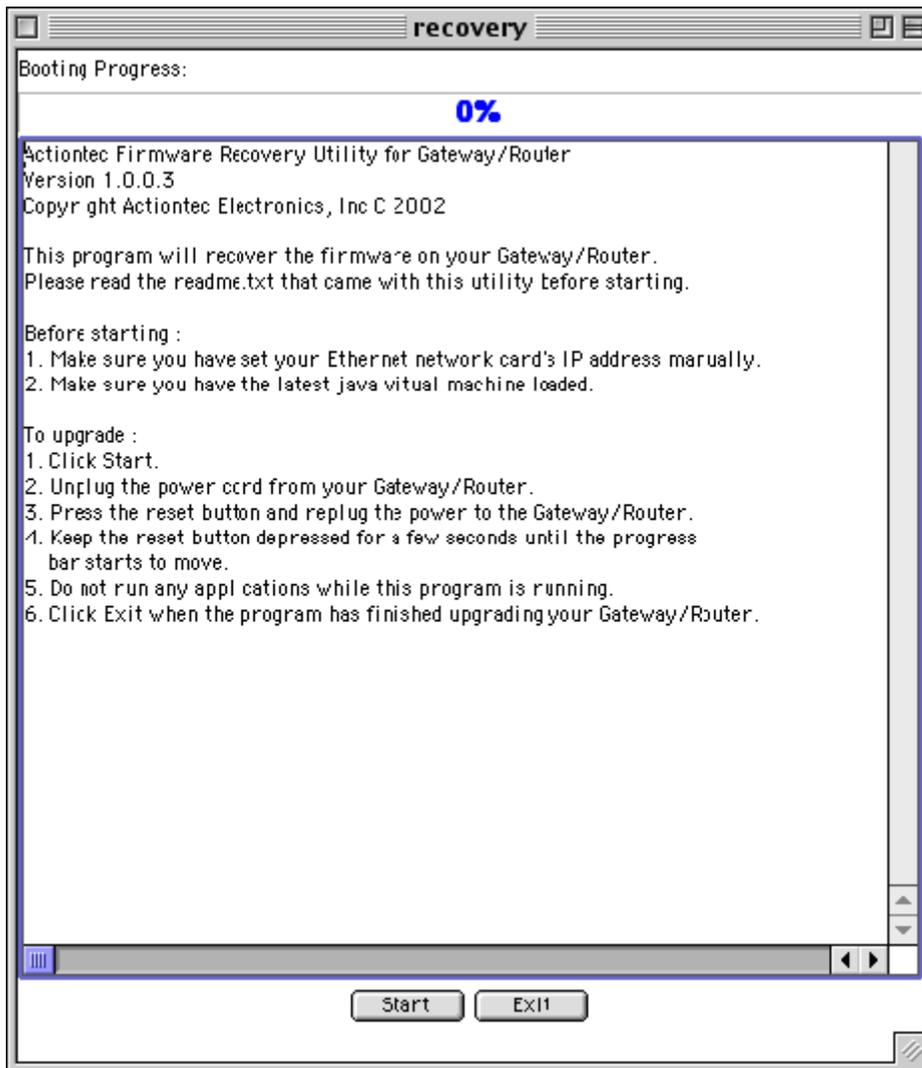
6. Double-click on the folder placed on your desktop during the un-stuff process.



7. Select the **recovery** icon to start the recovery process.

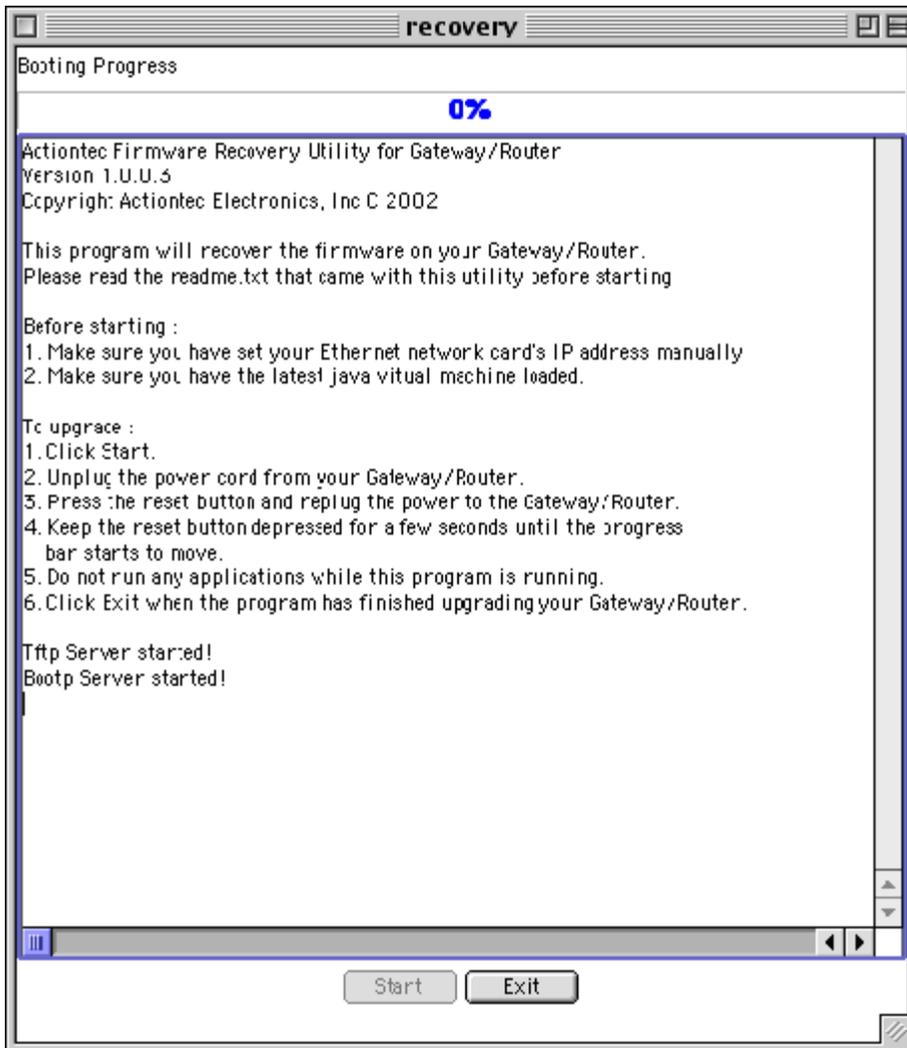


8. Select **Start**.

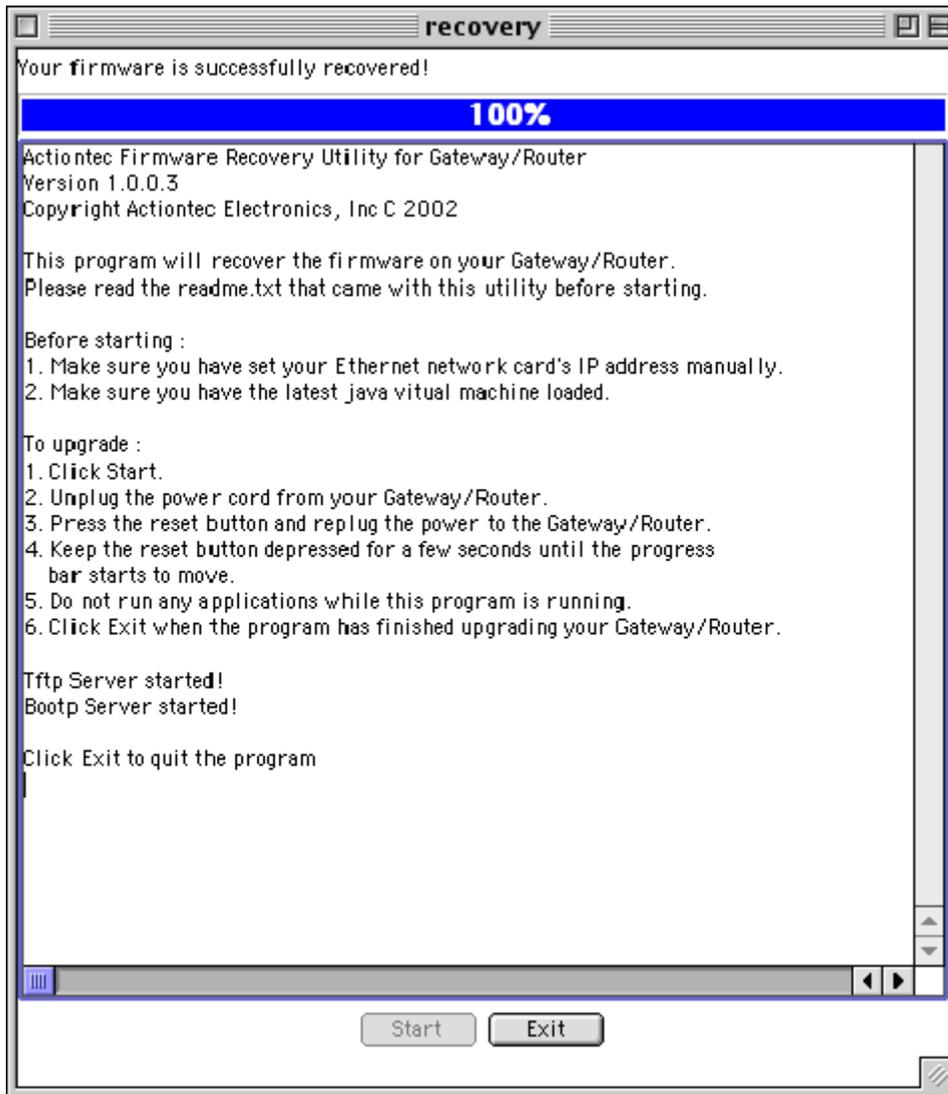


9. When you see **Tftp Server started!** and **Bootp Server started!**, unplug the power from the back of the modem and hold down the **Reset** button. While holding down the **Reset** button, plug the power cord back into the modem. Once the recovery process starts, release the **Reset** button.

NOTE: Once the recovery process begins, don't interrupt it. If interrupted, you'll have to start the process again from the beginning.



10. Once the progress bar displays 100%, the recovery process is complete. Select **Exit**.

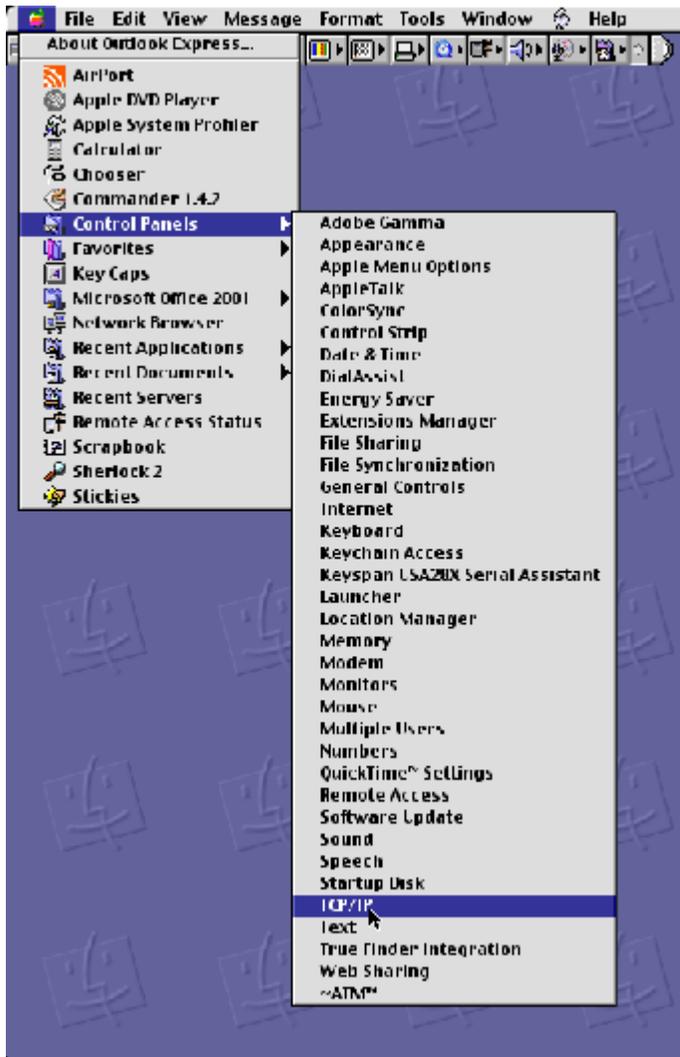


11. Unplug the power cable from the back of the modem. Wait 30 seconds and plug it back in.

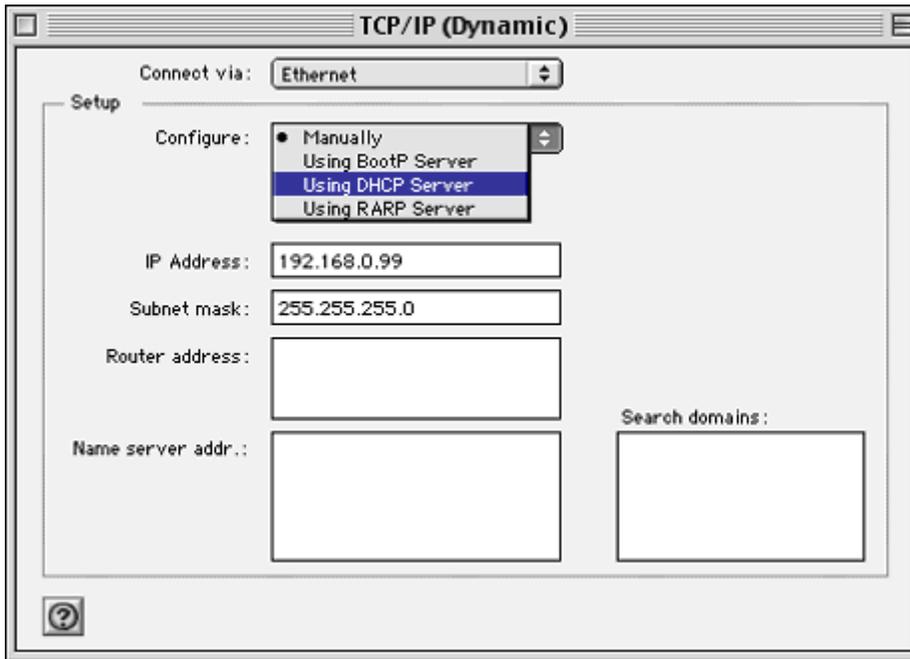
The modem will automatically train, but you need to reconfigure it before you can browse the Internet.

12. Before you begin the reconfiguration process, set your Mac to **dynamic addressing**.

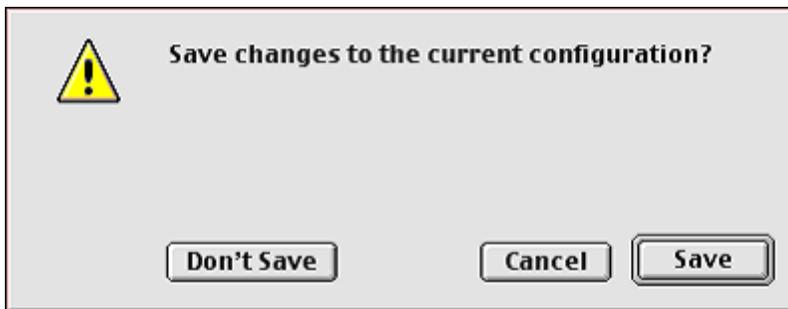
13. Select **Apple**. Then select **Control Panels** and **TCP/IP**.



14. Select **Configure**. Then select **Using DHCP Server**.



15. Select **Save**. Then close the window by clicking on the red ball in the top left corner.



16. Reconfigure the Actiontec modem according to the configuration information you recorded before starting this recovery process. For additional information, refer to your ISP worksheet.