

Dial up networking setup instructions for Windows 9x

Software Needed:

1. Windows 9x CDROM¹

System Requirements²:

1. Computer running Windows 9x
2. 14,400 or higher modem (56k recommended)
3. 16MB of RAM (32MB or higher recommended)

Determining What Needs to be Installed

1. Double-click on **My Computer**
2. If the **Dial-up Networking** folder is listed, you can proceed to *Configuring Dial-up Networking*
3. If the **Dial-up Networking** folder is not listed, double-click on the **Control Panel** folder
4. Double-click the **Add/Remove Programs** icon
5. Click on the **Windows Setup** tab along the top. A page with boxes, icons, and descriptions should appear
6. Click on the icon that says **Communications**
7. Click on the **Details** button towards the bottom of the page
8. On the **Communications** page, click on the box next to Dial-up Networking. This should place a check in the box³
9. Click on OK
10. Click on OK (You may be prompted to insert your Windows 9x disk.)
11. After you have returned to the **Control Panel** and all the files have finished copying, click on **Start → Shut Down → Restart the Computer** and restart your computer
12. When your computer is finished restarting, double-click on **My Computer** to verify that the **Dial-up Networking** folder is listed. If it is not, please call *Dakota 2000 technical support at 945-1427 (M-F, 8-5)*

Configuring Dial-up Networking

1. Open Control Panel by clicking on **Start → Setting → Control Panel**
2. Double-click on the **Network** icon.
3. The following items *must be listed* for **Dial-up Networking** to work correctly:
 - a. Dial-up Networking Adapter
 - b. TCP/IP (computer language that allows your computer to "talk" on the Internet)
4. Other items may be shown and **Dial-up Networking** will still work correctly. You can leave these items:
 - a. Client for Microsoft Networks⁴
 - b. Microsoft Family Logon⁵

¹ May not be needed on most factory pre-loaded computers.

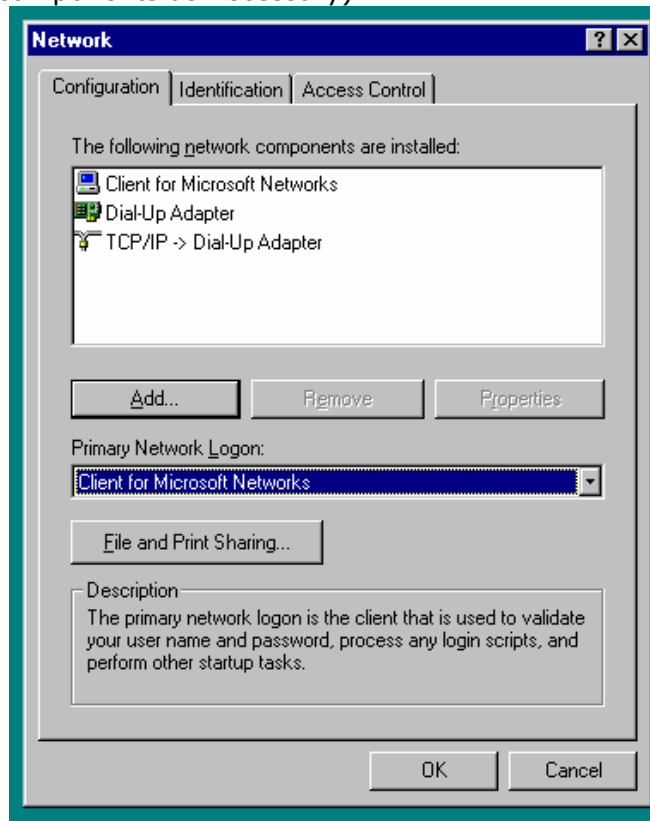
² Most computers purchased since 1/1/1998 meet these requirements.

³ If there is already a check mark in the box, remove the check, click ok, ok, and then restart your computer. After rebooting, begin again at step 3.

⁴ Allows the Dial-up Networking password to be saved in Windows 95

⁵ Default Client installed by Windows 98. Not available in Windows 95

5. Items that should be removed are⁶:
 - a. Client for Netware Networks
 - b. AOL Adapter
 - c. IPX/SPX compatible protocol
 - d. NetBEUI
6. If TCP/IP is not listed, click on **Add → Protocol → Add → Microsoft → TCP/IP → OK**
7. If the optional components are not listed, you may add them by clicking
8. If everything is listed, it should look something like this (if it does not, add or remove the components as necessary):



9. If your screen looks correct, click on OK
10. Your computer may want to copy some files. If it does, please be patient and reboot when it asks if you want to. After it has rebooted, pick up at #11.
11. Close out of **Control Panel**
12. Double-click on **My Computer**
13. Double-click on the **Dial-up Networking** folder
14. One of two things will happen, either a **Make New Connection** wizard will appear, or you will see a folder with **Make New Connection** listed as an option. If you see the Wizard, continue to #15. If you do not see the Wizard, double click on **Make New Connection**
15. The connection wizard will ask you to put in a name for your connection. Please name it **Dakota 2000 Internet**, then click **Next**

⁶ Most home users can usually remove these items. If you are on a network at a business, check with your network administrator before modifying these values.

16. The wizard should now prompt you to enter a phone number with the area code. **Please enter 605 for the area code and 224-2712** for the phone number. Click **Next**
17. On the final screen, click **Finish**
18. You should now see an icon in the **Dial-up Networking Folder** that says **Dakota 2000 Internet**
19. Click once on this connection so it is highlighted
20. Click **File → Properties**
21. You should see a **Dakota 2000 Internet** properties page and you should be on the general tab
22. Take the check mark out of **Use area code and Dialing Properties**
23. Click on **Server Types**
24. Type of Dial-up server should be **PPP: Internet, Windows NT, Windows 9x** or something similar
25. There are a list of options with some of them being checked. The following should be the only ones checked:
 - a. Enable Software Compression
 - b. TCP/IP
26. If any other options are checked, remove them
27. Click on **TCP/IP Settings...**
28. On the TCP/IP Settings page, the following information must be selected and entered:
 - a. Should be a dot next to **Server Assigned IP Address**
 - b. Should be a dot next to **Server Assigned Name Server Address**
 - c. **Use IP Header Compression** should be checked
 - d. **Use Default Gateway on Remote Network** should be checked
29. Click **OK → OK**
30. Your Internet connection is now setup. You can click and drag a copy of this connectoid to the desktop for convenience.