

WABnet Software Installation Instructions for Windows 95/98/Me/2000/XP 2002-2003 Academic Year

Before you can use WABnet from your room, you must install special network software onto your computer. This document guides you through the software installation process for systems running Microsoft Windows 95/98/Me, and also 2000/XP/NT). Note that older versions of Windows, such as Windows 3.1, are not supported on WABnet.

Note: In order to configure your computer for access to WABnet, you must have your copy of the Windows CD-ROM (or have a copy of the CD on your hard drive, which most new computers now have). In a typical installation, you will be prompted for the CD so that Windows can install additional software on your computer. If you don't have your Windows CD, see if someone else in your house does. Otherwise, you must contact the Help Desk (see below) for assistance.

Installing Windows Network Drivers

When you turn on your computer the first time after installing the network card, Windows should detect the card and configure it automatically. If your computer had a network card when you bought it, the drivers should already be installed. The success of the detection process varies widely from system to system, and because of this it is impossible to state with certainty what prompts or questions you will see. In some cases, Windows will recognize and configure the card automatically, with no input from you. In other cases, it will prompt you for your Windows CD-ROM or diskettes. Contact the Help Desk if you have trouble.

Setting Your Computer Identification

After the card has been configured, it will ask for your computer name, workgroup ID, and computer description. Fill out these fields as follows:

Computer name: Enter your username here. This will avoid any confusion with other systems.

Workgroup: Enter RES.WABASH.EDU for the Workgroup.

Computer description: Enter any appropriate description, or leave blank.

NOTE: DO NOT CLICK "OK" YET!!!

Setting the Network Configuration

Click the **Configuration** tab above the computer identification entry boxes. This will take you to the **Network Configuration** dialog box, where you will configure your computer's network settings to work with WABnet.

On the Network Configuration page, you should make the following changes:

1. Select *Client for Microsoft Networks* from the list of installed components. Click the **Remove** button to delete this client software, which is not used at Wabash.
2. Select *NetBEUI* from the list of installed components. Click the **Remove** button to delete this client software, which is not used at Wabash.
3. Click the **Add** button. Select **Protocol**, and click **Add**. Select *Microsoft* under the **Manufacturers** column, then select *TCP/IP* under the **Network Protocols** column. Click **OK**.
4. **If you are running Windows XP, skip this step and instead follow "Server Connection Instructions for WindowsXP" below.** Select *Client for NetWare Networks* from the list of installed components. Click the **Properties** button to set the NetWare properties. Make the following changes:
 - a. Type *SCHOLAR* in the **Preferred Server** field.

Click **OK** to return to the **Configuration** dialog box after making these changes.

5. Change **Primary Network Logon** to *Client for NetWare Networks*.

After completing all of the above steps, click **OK**. You should make no configuration changes other than what is specified above. Do not attempt to alter your system's TCP/IP properties, or change the network adapter configuration. Such changes can cause problems with your connection.

Server Connection Instructions for WindowsXP

You must be able to connect to the Internet before completing these steps. This section provides instructions for connecting your WindowsMe computer to the college Scholar and Caleb servers.

1. Open Internet Explorer and go to <http://download.novell.com>.
2. Under the "Top Ten Downloads" section, click on the most recent Novell Client on Windows NT/2000/XP (English).
3. Login to the Novell site using username **wabnet** and password **student**.
4. Accept the download regulations.
5. Click on **Download**.
6. Once download is complete, double-click the download file to unzip it.
7. The setup file is on the i386 folder on your C: drive. Double-click the setup icon to install the client.
8. Once setup is finished, you will be prompted to re-boot your computer. Choose **Yes**.
9. After restart, the Novell Client window will appear. Click on the **Advanced** button.
10. Click on the **Servers** button.
11. Select Scholar from the list of servers.
12. Once Scholar is listed as the preferred server, enter username and password to log on.

Connecting to WABnet

After saving your network settings, you need to reboot your computer. If all went well, you will be prompted for your network username and password, and you will be connected to WABnet!

After you have logged in to WABnet, you can browse the servers by double-clicking the **Network Neighborhood** icon on your desktop. The items of most interest to you will be found on the **Scholar** and **Caleb** server. In particular, you may need to access the **User**, **Courses**, **Sys**, and **Econ** file areas.

Mapping Network Drives

As you become familiar with what resources are available, you may want to create shortcuts, or even map drives, to network volumes (such as your user account). If you highlight the network directory that you are interested in and then go to the **File** option on the menu bar, you will see the option **Map network drive**. This basically allows you to name the directory that you're interested in as a drive. So, to access the items in that directory and its subdirectories, you could go, for example, to the O: drive. This process is fairly straightforward and details can be found in your Windows help.

Installing WABnet Application Software

Most computers made in the past three years will come pre-installed with Internet Explorer, which allows you to browse web sites on the Internet. If you have used your computer at home with a dial-up connection, you probably don't need to install any more software. If you don't have at least Internet Explorer or Netscape by doing the following:

1. Open (double-click) the **Network Neighborhood** icon on the desktop to browse the network.
2. Open **Scholar** (if Scholar is not on the list, open Entire Network, then open Scholar).
3. Open **Sys**, then open the folder **Wabnet**, then open the folder **Windows**. You will see folders for Netscape and Internet Explorer. Open the folder for the software you want, and double-click to install.

Resolving Problems – the WABnet Help Desk

Connecting a computer to a network and installing networking software is a complicated task. This installation procedure works well with computers that have a standard configuration, but it does not work on all systems. If the installation procedure does not work on your computer, you should contact the WABnet Help Desk for assistance (x6150). The Help Desk is open from 10am – midnight, 7 days/week. Computer Services is committed to resolving problems in a timely manner. Refer to the *WABnet Connection Support Policy* for specific information on what help is available.

The installation procedure is designed to leave your computer in a usable state, even if it cannot correctly install the networking software. If the installation failed, you will still be able to use your computer as you always had, even though you will not be connected to WABnet. For specific trouble-shooting steps, try the following:

WHAT IF I DON'T GET A LOGIN PROMPT? If you don't get a login prompt, first look at the network card while the computer is turned on and connected to the network. There should be a solid green or amber *link light* that lights up when a connection is found. A blinking *activity light* generally flashes when network traffic is found. If you don't have a link light, then there is a connection problem. It is possible for the Internet to work even if you didn't get a network login prompt. If you have Internet Explorer or Netscape on your computer, try running that to see if you can browse the Internet. If you have Windows XP, you must download software from Novell before you can log on to the campus servers. See *Server Connection Instructions for WindowsXP* above for information.

TROUBLESHOOTING – NO LINK LIGHT

Check and make sure your cable is plugged in, and it is connected to a data port (marked with a 'D') rather than a voice port (marked with a 'V'). If there is another unused data port in your room, try that one. Be sure you are using a network cable (a round cable with 8 pins in the connector) rather than a phone/modem cable (generally a flat cable with only six pins in the connector). Possibly the network card is not installed all the way into the computer. If none of this appears to be the problem, call the Help Desk.

TROUBLESHOOTING – LINK LIGHT

If you have a link light but did not get a network login prompt, then you probably have a software setup problem. Open the network control panel by clicking **Start | Settings | Control Panel**, then double-click **Network**. You should see at least *Client for NetWare Networks*, your *network card*, *IPX/SPX-compatible Protocol*, and *TCP/IP*. If you are missing one or more, go through the software setup above again, restart your computer, and see what happens.

INTERNET, BUT NO CAMPUS SERVERS

The most common cause of this problem is that you don't have the Client for NetWare Networks listed in your Network control panel. Follow the instructions above to add it. If it is there, try the following: highlight *IPX/SPX-compatible Protocol*, and click **Properties**. Click the **Advanced** tab, select **Frame Type**, and set the value to *Ethernet II*. Click **OK** to close that window, click OK again to close the Network control panel, and follow the instructions to restart your computer.

IT USED TO WORK, BUT NOW IT DOESN'T

It is unusual for a computer to connect to the network for a while and then suddenly stop connecting for no reason. In most cases, the worst thing you can do to your WABnet-connected computer is try to fix something that isn't broken. If you suddenly can't connect to WABnet, first rule out a general network problem—can others in your house connect to the network? If no one can connect, you should not do anything to your computer, but call the Help Desk to report the problem. If you are the only one in your house with a problem, follow the trouble-shooting steps above, or call the Help Desk.