

# Getting Started with the Internet Suite for Windows

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## Your Computer on the Internet

Once an ethernet card and Internet (TCP/IP) software are installed, your computer can communicate with other computers also connected to the campus network as well as other computers connected to the Internet. To do this, we use several Internet client applications, including *WinQVT/Net*, *Netscape*, and *WS\_FTP*.



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## Internet Client Applications

The primary Internet application is **WinQVT/Net**. This program allows you to log onto other computers, such as Gemini or TTUMIS. Please remember that WinQVT/Net should always be running. It will automatically start when Windows loads. Most of the time, WinQVT/Net will be running as an icon at the bottom of your desktop. *Please take care that you do not exit WinQVT/Net, or the Internet applications will not work.*

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## Telnet and WinQVT/Net

**Telnet** is used to log onto a remote system. There are three icons included in your Internet group which allow you to automatically telnet to **Gemini**, **TTUMIS**, and **Atlas**. In order to connect to one of these systems, double-click on the icon.



Please remember that in order to log onto Gemini or TTUMIS, you must already have an account established on that system. You may log onto Atlas and access the electronic card catalog by using the username **PAC**. For help with your accounts, please call the Computer Center at 3387.

You may also telnet to another system on the Internet by using the WinQVT/Net console.

For additional information, read the online documentation available in the file `c:\tcpip\qvtnet\readme16.wri` as well as in the online help.

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## File Transfer Protocol and WS\_FTP

File Transfer Protocol (FTP) is used to transfer files between your personal computer and another computer on the Internet.

To start an FTP session, double-click the **WS\_FTP** icon . You will automatically be taken to the Session Profile window.

To select one of the predefined profiles, click on the drop-down arrow next to **Profile Name**. The profile for TTU's anonymous FTP server is included. To create a new profile, click the **New** button in the profile window.

### To create a new profile to access your Gemini or TTUMIS account:

1. Click **New** in the Session Profile window.

Profile Name: My Account

Delete Save New OK Cancel Advanced... Help

Host Name: gemini.tntech.edu

Host Type: Automatic detect

User ID: abc1234  Anonymous Login

Password:   Save Password

Account:   Auto Save Config

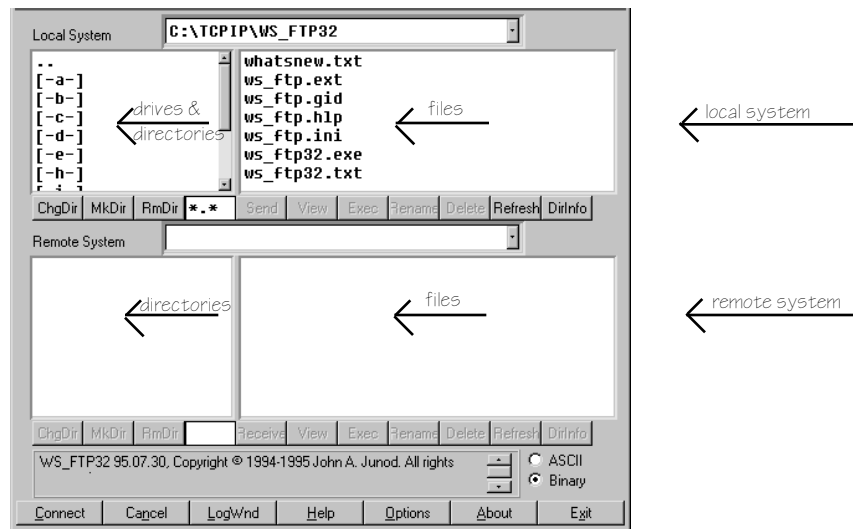
Initial Directories

Remote Host: disk\$research:[abc1234]

Local PC: C:\TCPIP\WS\_FTP32

2. For Profile Name, type whatever you wish to call this profile. For example, you might name it **Gemini Connection** or **TTUMIS Connection**.
3. Click in the box for Host Name, and type:  
**gemini.tntech.edu**  
or  
**ttumis.tntech.edu**
4. Click in the box for User ID, and type your user name  
(e.g. **abc1234** or **xyz6789**)
5. Leave your password blank. This way, you will always be prompted for your password before a connection is established to your account.
6. Click the **Save** button. This saves your profile for future use.
7. To use this profile now, click **OK**.

Once connected, your window will look similar to the one below. The window is divided, showing the *local system* (your computer) at the top, and the *remote system* at the bottom.



Within each division, directories are shown on the left, and files on the right. You may double-click on a directory name to move into that directory. To move back up one directory level, double-click on the `..` shown at the top of the list of directories in the remote system.

#### To download a file from another computer to your PC:

1. Locate the file that you wish to retrieve. If there are multiple files within a given directory that you wish to transfer, hold the **CTRL** key as you click on each file you wish to select.
2. After selecting the files, select the **type of file(s)** you are transferring: **ASCII** or **Binary**. The chart below shows common file types, and whether ASCII or Binary is appropriate.

#### Common File Formats

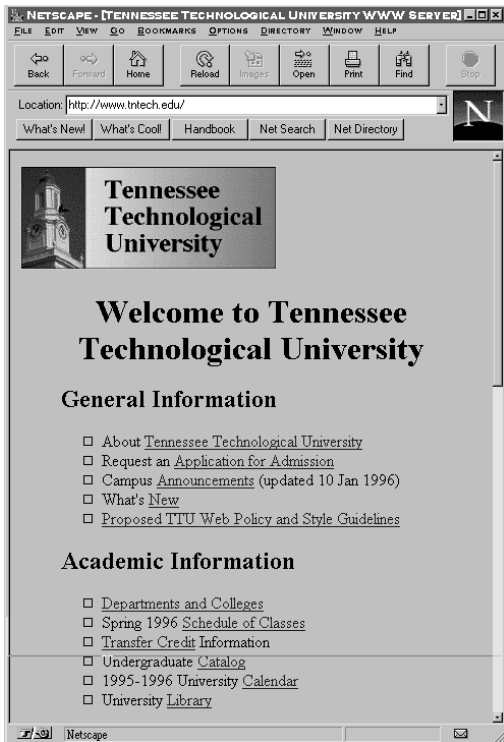
.asc	ASCII	ASCII text document
.exe	Binary	IBM PC executable
.gif	Binary	GIF file
.ps	ASCII	Postscript document
.tif	Binary	TIFF file
.txt	ASCII	Plain text document
.zip	Binary	DOS file compressed with PKZIP

3. Once you have the files and the file type selected, verify that the top of the window showing your local system is set to receive into the correct subdirectory on your system. Click the **Receive** button. This will begin the process of transferring the files from the other computer to your PC.

You may also view an ASCII file on screen without retrieving it. To do this, single-click on the text file you wish to view, then click the **View** button.

To disconnect from a remote site and end the FTP session, click the **Close** button. To exit WS\_FTP, click **Exit**.

## The World-Wide Web and Netscape



The World-Wide Web (WWW) is a collection of linked information on the Internet. **Netscape** is the graphical Web browser included with your Internet applications that allows easy access to the WWW and other Internet resources.

When Netscape first starts, you will be at Tennessee Tech's Web site. This is called our "home page." Note that there are words highlighted in blue. These are **hotlinks** which will take you to another "page" on the Web. You can return to TTU's page by clicking on the **Home** button at any time.

Each "page" has a unique address on the Internet, called a Uniform Resource Locator (URL). The URL for Tech's home page is found in the Location box under the toolbar: **http://www.tntech.edu/**.

The first part of a URL describes the method for accessing the information on that page. Many Web pages use **http** (HyperText Transfer Protocol). Other common methods you might see are **FTP** (File Transfer Protocol), **news** (used by Usenet news groups), and **gopher** (allows gopher pages to work on the Web). The method is always followed by a **://**

The second part of a URL is the **server**. This is the computer system that stores the information you're seeking.

The last component of the URL is the **pathname**. This identifies where the information is on the server. The pathname might identify a directory (such as **/** or **/home**) or a file (such as **/welcome.html**).

**http://www.tntech.edu/www/acad/schedule/96s/index.html**  
*method* | *server* | *pathname*

To move to a link, **click on the highlighted words, images, or icons**. After you click on a link, the status indicator (the big N just below the toolbar on the right side) animates to show you the transfer is in progress. You can stop a transfer by clicking on the **Stop** button in the toolbar.

If you go back to a page where you have followed a link (by clicking the **Back** button, for example) you will note that the link you have followed has changed color. By default, unfollowed links are blue, and followed links are purple.

Once you have a link onscreen, you may choose to store it as a **Bookmark**. This will enable you to quickly jump to a certain location without following all the links that got you there the first time. To create a bookmark for the page you are currently viewing, choose **Bookmarks/Add Bookmark**.

### Searching for Information on the Web

The easiest way to locate Web pages dealing with a particular topic is to use one of the Web search tools. Click on the **Net Search** button under the toolbar. From this page, you may choose from several different search tools, including Lycos, WebCrawler, and InfoSeek.

## Searching for Information using one of the Web Search Tools

1. Click on the **Net Search** button, then select the link to **WebCrawler**.
2. Click in the Search box, and type in your search criteria.

Enter some words and start your search:

san francisco area train schedules

Find pages with  of these words and return  results.

3. Click **Search**
4. The search tool will return links to Web pages that contain the words you specified in your search. To try out one of the links, just click on its listing.

The query "san francisco bay area train schedules" found 8 documents and returned 8:

100 [Cal Train Schedule](#)  
077 [San Francisco Ballet School](#)  
074 [Railroad Timetables on the Internet](#)  
038 [Travelogue](#)

Down the left side of the results, the WebCrawler puts an indication of how relevant each document was to your search, 100 being the most relevant, and 000 the least.

If the new page is one that you wanted, you may wish to create a bookmark for it. If it wasn't what you needed, click the **Back** button on the toolbar and try another of the found links.

## Saving or Printing Information on the Web

You may find some information on a Web page that you wish to save or to print. To save a document you've located on the Web, select **File/Save As** while you are viewing the document onscreen. Choose the location in which to save your file, type a name, and for the Save as Type option, select **Plain Text**.

To print a document you are viewing onscreen, select **File/Print**. Change any options you want, then click **OK**.

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## Getting Help

One of the easiest ways to get help for the Internet suite applications is the on-line help provided with each application. If you have a question that the on-line help does not address, please call Helpdesk at 3975.