



TCC Hotline



New Mexico Institute of Mining & Technology
Tech Computer Center

April 07, 2004

VPN Server

A VPN (Virtual Private Network) server vpn.nmt.edu has been installed in the TCC. This will permit users of the TCC who are not on campus to remotely connect to TCC servers as if they were on campus. This will permit our users to utilize software, databases, and resources that are restricted to our 129.138 IP address (**such as the databases in the Skeen Library**). Note that you have to have a valid TCC username and password. The transmission of the username and password is encrypted to ensure security. Under MS Windows, it uses PPTP (Point-to-Point Tunneling Protocol). To Create a VPN connection to the TCC in Microsoft Windows 2000:

1. Click on "Start" -> "Settings" -> "Network and Dialup Connections"
2. Double Click on "Create New Connection"
3. Follow the instruction from Microsoft, making sure to select "VPN" as the "Network Connection Type". This is **NOT** a dial-up connection so make sure to read the options during the setup of this connection.
4. The "Destination Address" is vpn.nmt.edu

To connect to the VPN server, double click on your new connection icon that was created above and login with your current TCC username and password. There will be no charge for this service.

Lambda Rail

The state legislature has awarded \$1 million dollars for a UNM project to connect the state of New Mexico to the proposed Lambda Rail network (it is a 45 Gigabit network). Unfortunately, the project will require \$5 million dollars. We are trying to identify those researchers that need access to this type of network. If your research project requires a network with this speed, or speeds faster than what we currently have, please email mtopliff@nmt.edu with a description of your project and network needs.

100MB Portable Ethernet

The northeast half of room 14 of the Speare building has been setup to accommodate users with portable PCs that have cabled Ethernet cards. To utilize this Ethernet connection, you must have a valid TCC username. You can take your portable PC to room 14 and plug in to any **unused** Ethernet cable provided there. You may **NOT** use the Ethernet connections in any other TCC room. To activate Microsoft Windows to use this function, you have to enable DHCP on your PC and then activate VPN as described above. There will be no charge for this service.

Microsoft Update Server

It is imperative that users keep their licensed copy of Microsoft Windows up to date. If you do not keep Windows current, then you are susceptible to computer virus and worms. Every night, the TCC updates its copies of Windows from the Microsoft web site <http://windowsupdate.microsoft.com>. We store those updates on our server windowsupdate.nmt.edu. If you wish to ensure that your version of Windows is current, you could launch MS Internet

Explorer (note that Netscape will not work) and connect to <http://windowsupdate.microsoft.com>. But your connection will run slower and if numerous people from NMT attempt to use Microsoft's web site, then it decreases the bandwidth for all involved.

A better solution is to download the file http://www.nmt.edu/tcc/download/NMT_Windows_Update.exe and execute this self-extracting file. The installation instructions are included in the file. It will install a task on your computer that automatically connects to the TCC server windowsupdate.nmt.edu every day and updates your licensed copy of Microsoft Windows. There will be no charge for this service.

Summer 2004 Changes

This summer, the following software will be tested and if successful then installed for the Fall 2004 semester. Please notify us by May 14, 2004, if this will cause you problems or if you need software that is not currently installed.

Windows XP
Xwin32 version 6

Office 2003

Redhat Fedora

Matlab 14