PCIUD Operating Instructions

NOTE: THIS SOFTWARE DOES NOT WORK IN WINDOWS NT

1. If PCIUD was downloaded from the web, copy PCIUD.exe to desired location.
2. If PCIUD was provided as part of the Catalyst Enterprises, Inc. CD-Rom, is located at c:\Program Files\Catalyst\PCIUD directory.
3. Install the active extender in accordance with the manual.
4. Place the Unit-Under-Test on top of the active extender, ensuring the mechanical switch is in the On Position.
5. Power up the machine.
6. When the machine has completed booting, goto MS-DOS Propmpt, change directory to the location of PCIUD.
7. Enter PCIUD
8. Using the keyboard, goto the PCI-Device menu, select next untill the desire device is displayed. Note the device number.
9. Goto the file menu, and save the PCI configuration data, exit the program.
10. Power cycle the Active Extender (Swap Unit-Under-Test)
11. Enter PCIUD
12. Goto file menu, select open and load the configuration space data file.
13. Goto the PCI-Device Menu, and next step until desired device is displayed
14. Select Write PCI Configuration to this device, option

Now the Unit-Under-Test should work properly, for futher test of the same type of board only steps 10 thru 14 need to be performed. If you desire to reload the configuration space data without having to enter PCIUD, there is a command line command which allows the user to select which device to save, and later reload. To use this method follow the below steps.

1. Perform steps 1 thru 8 above, exit the program
2. Goto MS-DOS, change the directory to the location of PCIUD
3. Type PCIUD /s xx yy, where xx is the hex numbner of the desired device, and yy is the hex number of a second device number if needed.
4. Power cycle the extender. (Swap Unit-Under-Test)
5. Type PCIUD /w the reload the configuration space data for the Unit-Under-Test

Now the Unit-Under-Test should work properly, for furture tests of the same type of board, only steps 4 & 5 above need to be performed.