

Troubleshooting: Using HyperTerminal



Introduction

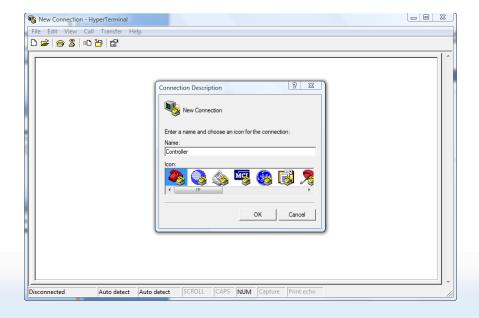
- HyperTerminal is a tool to help determine Trackster and/or Controller problems
- 2. Useful for communication (Modem & TCP/IP) troubleshooting
- 3. Useful for troubleshooting weird errors that occur in Trackster
- 4. Quickly narrows down a problem to either a Trackster issue or a Controller issue

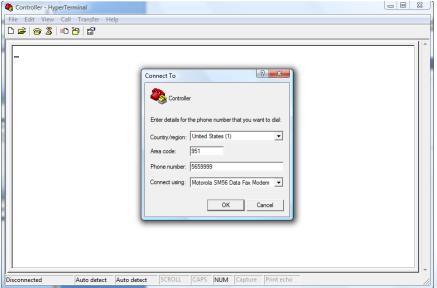
Installing HyperTerminal

- Download from ftp://lib.aquatrac.com/Programs/HyperTerminal
- 2. Run the htpe5.exe installer and follow the onscreen instructions

Connect to a Controller via Modem

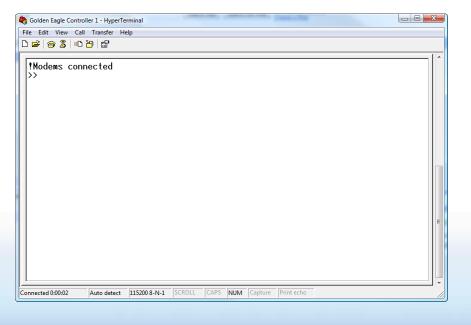
- 1. Open HyperTerminal
- 2. Enter a Name (the Name is an arbitrary value)
- 3. In "Connect Using", select the modem
- 4. Enter the phone number of the controller, then click OK

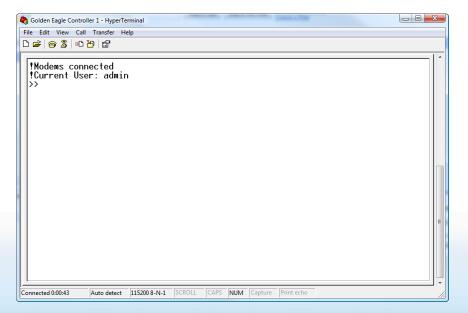




Connect to a Controller via Modem

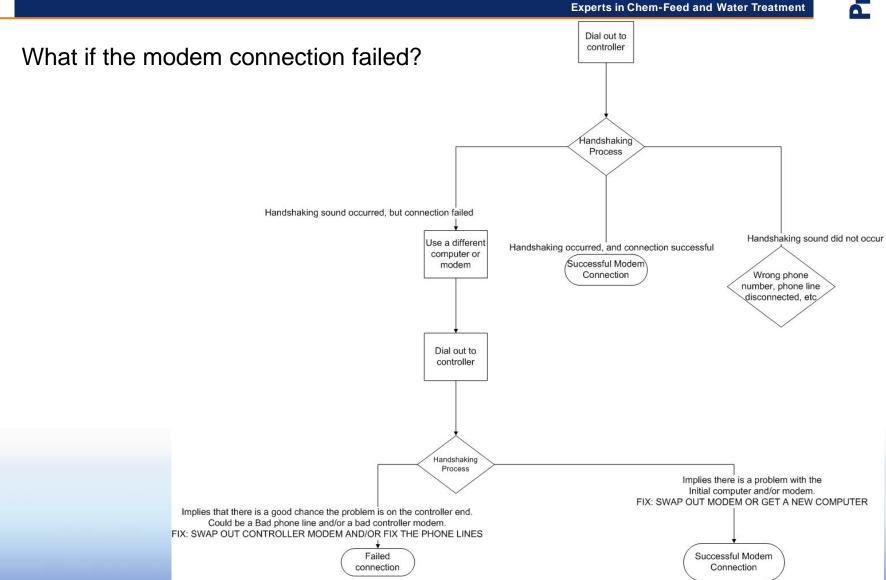
- 1. Open HyperTerminal
- 2. Enter a Name (the Name is an arbitrary value)
- 3. In "Connect Using", select the modem
- 4. Enter the phone number of the controller, then click OK
- 5. At the "!Modems connected" prompt, enter the admin Password





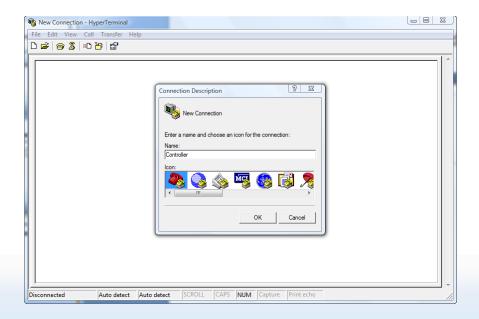
Connect to a Controller via Modem





Connect to a Controller via TCP/IP (WAN)

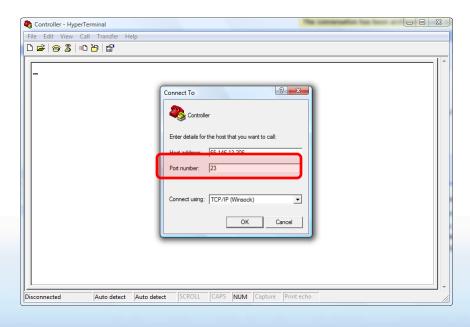
- 1. Open HyperTerminal
- 2. Enter a Name (the Name is an arbitrary value)
- 3. In "Connect Using", select "TCP/IP (Winsock)"
- 4. In the "Host address" box, enter the IP Address of the controller

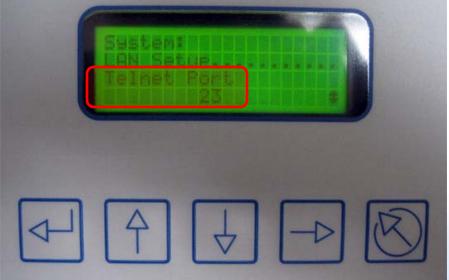




Connect to a Controller via TCP/IP (WAN)

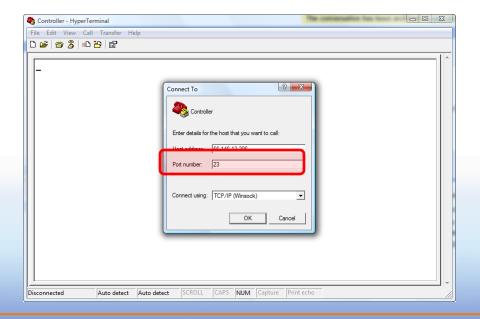
- 1. Open HyperTerminal
- 2. Enter a Name (the Name is an arbitrary value)
- 3. In "Connect Using", select "TCP/IP (Winsock)"
- 4. In the "Host address" box, enter the IP Address of the controller
- 5. In the "Port number" box, enter the "Telnet Port" of the controller

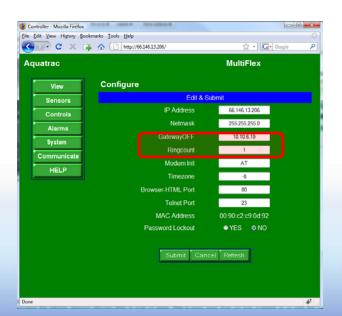




Connect to a Controller via TCP/IP (WAN)

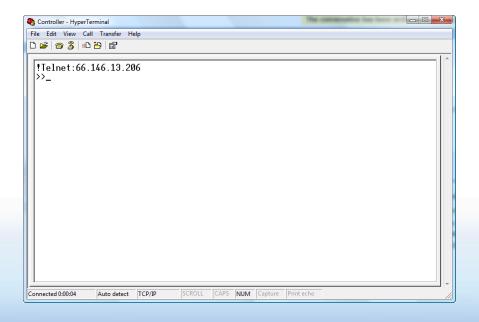
- 1. Open HyperTerminal
- 2. Enter a Name (the Name is an arbitrary value)
- 3. In "Connect Using", select "TCP/IP (Winsock)"
- 4. In the "Host address" box, enter the IP Address of the controller
- 5. In the "Port number" box, enter the "Telnet Port" of the controller. Then click OK. On a successful connection, the Telnet screen will display "!Telnet:[IP Address]"





Connect to a Controller via TCP/IP (WAN)

- 1. Open HyperTerminal
- 2. Enter a Name (the Name is an arbitrary value)
- 3. In "Connect Using", select "TCP/IP (Winsock)"
- 4. In the "Host address" box, enter the IP Address of the controller
- 5. In the "Port number" box, enter the "Telnet Port" of the controller
- 6. At the "!Telnet:" prompt, enter the admin password



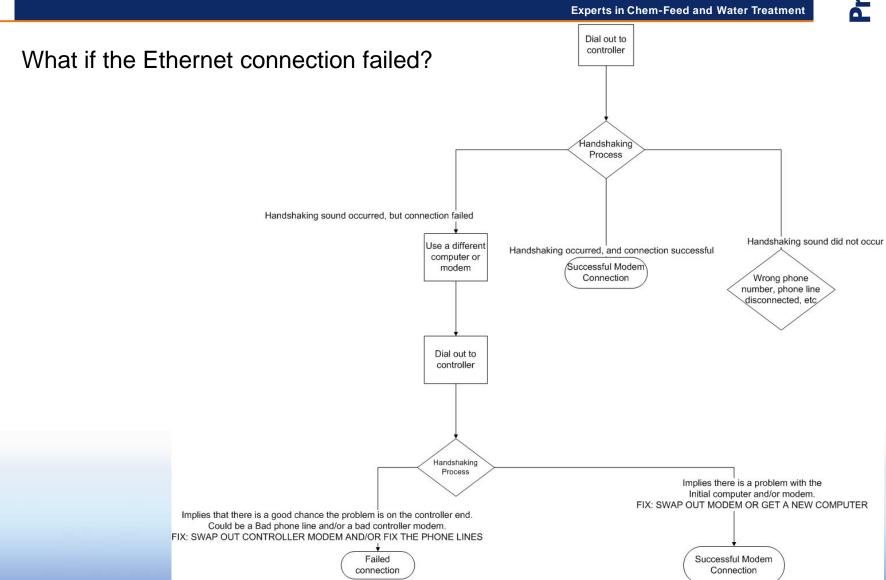
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Connected 0:00:39

Auto detect | TCP/IP | SCROLL | CAPS | NUM | Capture | Print echo |

| Connected 0:00:39 | Auto detect | TCP/IP | SCROLL | CAPS | NUM | Capture | Print echo |
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Connect to a Controller via TCP/IP (WAN)





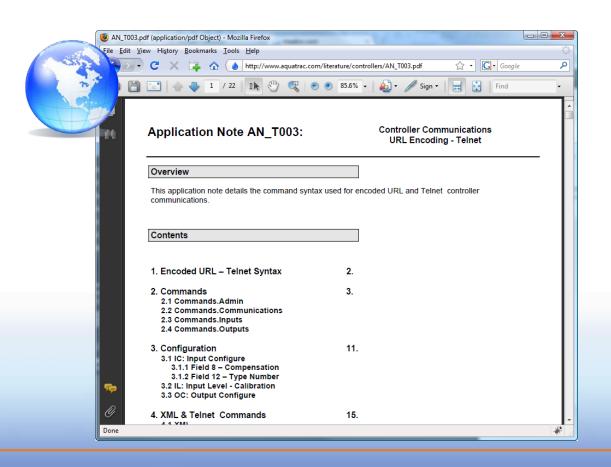
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Multiflex commands and command syntax can be downloaded at http://www.aquatrac.com/literature/controllers/AN_T003.pdf



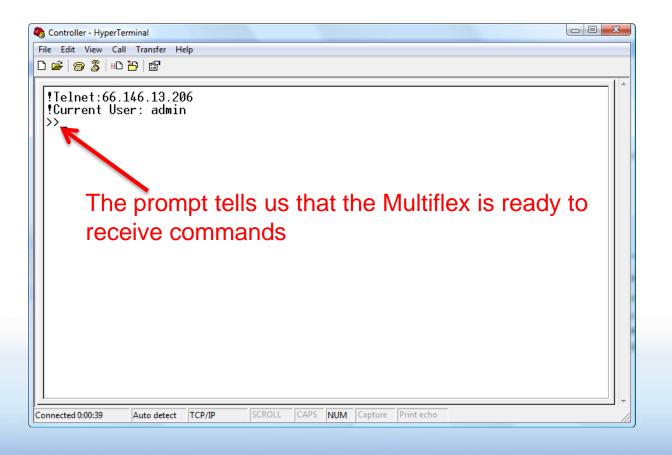
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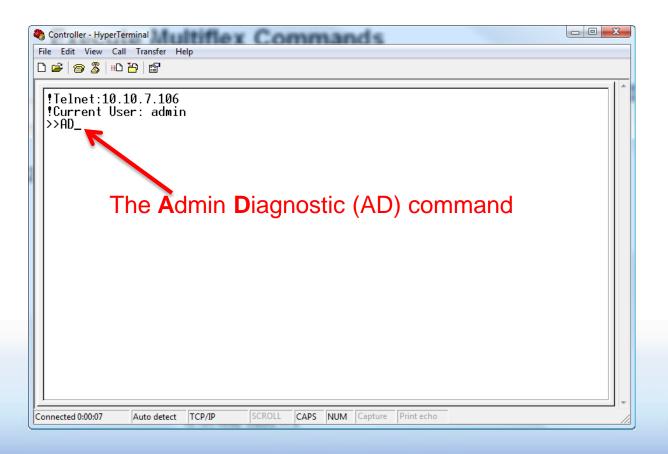
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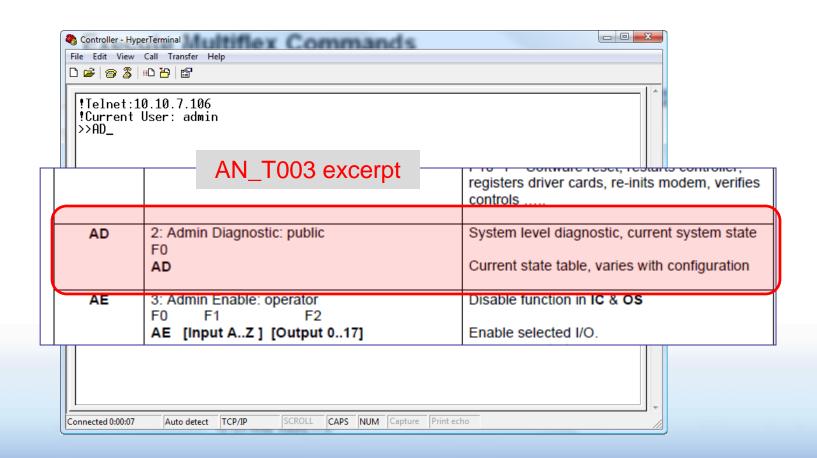
Command Prompt means that we are ready to send command to the controller (in this case we are doing Multiflex commands)



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The Multiflex support two-letter commands. Here we see the **AD** command....





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