

DS72 FTP Firmware Upgrade

If the current firmware revision on the DS72 is 3.20 or higher then you can upgrade the firmware via FTP. To complete the upgrade you will need a FTP client, Reflection is used in this procedure. Once you have received the latest firmware revision from a support team member, and have saved it to a folder, the following procedure will help you upgrade your DS72:

1. Insure DHCP, BootP, and SNMP are disabled.
2. Connect to the DS72 via telnet
3. Once the device menu is displayed select “c” and press enter to get to the configuration menu
4. At the configuration menu select “1” and press enter
5. you are now in the DS72’s menu
6. In the DS72’s menu select Upgrade Firmware by selecting “12” and pressing enter
7. Select Upgrade Firmware again by pressing “1” followed by enter¹
8. Select “Y” followed by enter when prompted with “Do you wish to continue? (Y/N):”
9. When you select “Y” for yes, your telnet session will terminate see
10. At this point Open an FTP client
11. Enter the IP address (and FTP username and password if used) into the Server window
12. Connect the FTP session²
13. Once you are connected locate and select the DS72 upgrade file
14. Make sure you are in Binary mode
15. Send the selected file to the DS72, using the FTP client
16. Once the transfer is complete, close the FTP client
17. Telnet to the DS72
18. Enter the configuration menu of the DS72 to verify the firmware revision was a success.

FIGURE 1 (Steps 2-4)

```
Data Switch Series - F.3.21.4 (C) 2000 DS72
Unit ID: DS72 Network Controller
Module: 1
Attention Character: ;
Device A          ...1
Device B          ...2
Device C          ...3
Device D          ...4
Configure         ...C
Status           ...S
Unit Reset       ...RU
Logout           ...T
Enter Request :c

Configuration
DS72 Network Con ...1
DS74 Module# 2   ...2
DS74 Module# 3   ...3
Exit             ...X,CR
Enter Request :1
```

FIGURE 2 (Steps 5-9)

```
Copyright(C) Bay Technical Associates 1999
DS72 Data Switch Series - Telnet Host Module
Revision F.3.21.4   Kernel K.1.01H
Core C.1.00N       Hardware H.2.01
Module 1

Status            ...1
Serial Port Configuration ...2
Port Device Name  ...3
Attention Character ...4
Disconnect Timeguard ...5
Connection Override ...6
Connect Port ID Echo ...7
Login Setup       ...8
SNMP Configuration ...9
Network Port Configuration ...10
Unit ID           ...11
Upgrade Firmware  ...12
Active Restore    ...13
RPC Management    ...14
Exit             ...X,CR
Enter Request :12

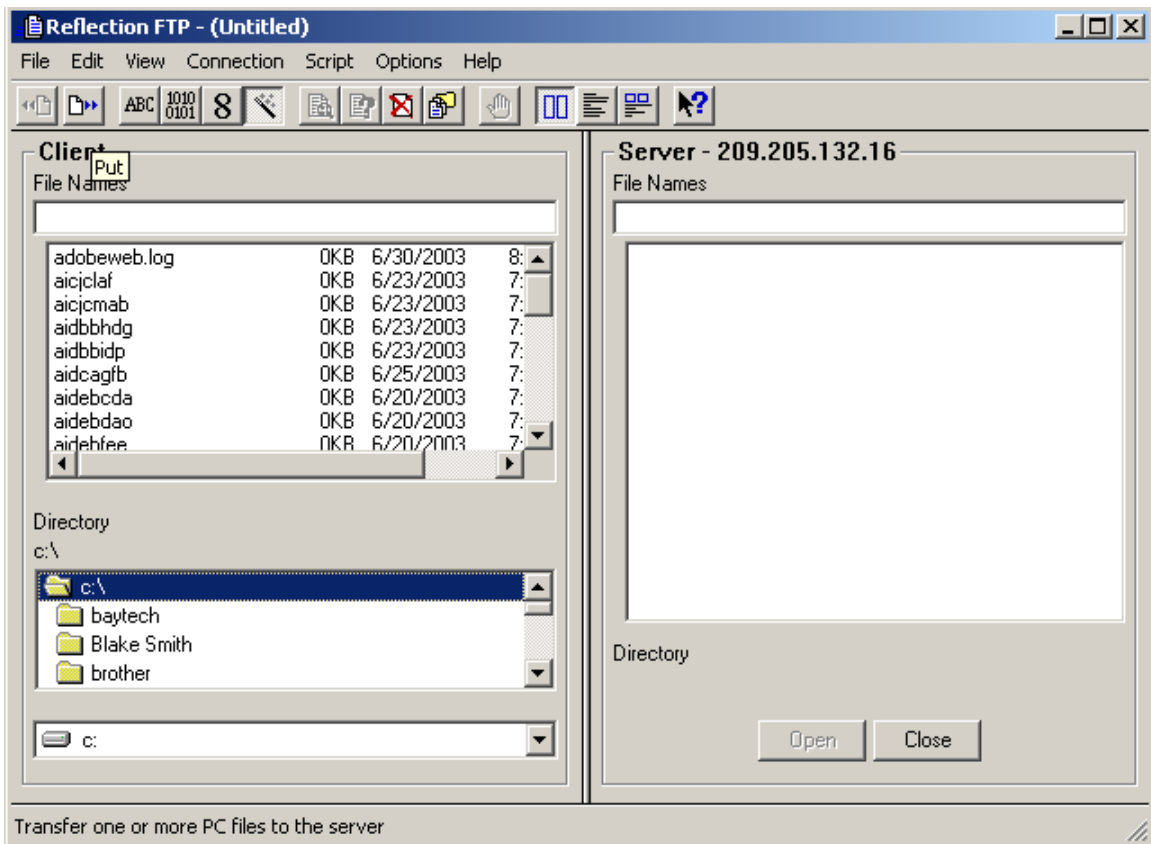
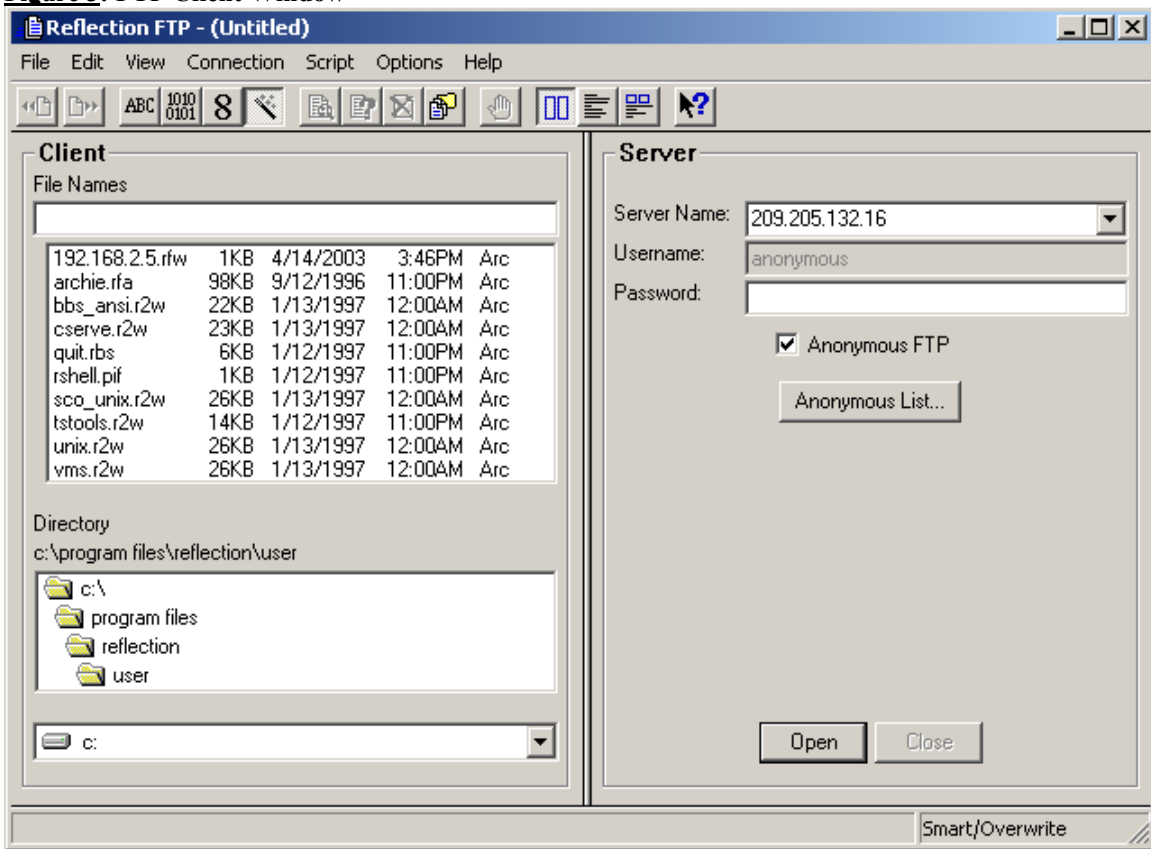
Upgrade Firmware  ...1
Set FTP User Name ...2
Set FTP User Password ...3
Exit             ...X,CR
Enter Request :1
```

Upgrade will terminate all other processes until code upload is complete and unit is reset.
Have new firmware file read at workstation before proceeding.
Do you wish to continue? (Y/N):

¹ At this point you can also enter an FTP username by pressing “2” and enter and/or an FTP password by pressing “3” and enter , then following the prompts.

² If no username or password, connect as anonymous ftp
Support Documentation

Figure 3: FTP Client Window



Any questions or concerns arising from this procedure should be directed to the BayTech support team at:

support@baytech.net

Bay Technical Associates
200 North Second Street
Bay St. Louis, MS 39520
Domestic: 800.523.2702
International: 228.467.8231