

### **DS62 FTP Firmware Upgrade**

If the current firmware revision on the DS62 does not have a different memory map or kernel set than our latest revision you can upgrade the firmware via FTP. To complete the upgrade you will need an 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 DS62:

1. Insure DHCP, BootP, and SNMP are disabled; and you have a static IP address
2. Connect to the DS62 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; to access the DS62’s configuration menu
5. In the DS62’s menu select 8 - Network Port Configuration and press enter
6. Select 11 - Enable Firmware Upgrade and press enter
7. Select “Y” followed by enter when prompted with “Do you wish to continue? (Y/N):”
8. When you select “Y” for yes, your telnet session will then wait for an FTP connection
9. At this point Open an FTP client
10. Enter the IP address and FTP username<sup>1</sup> and password<sup>2</sup> into the Server window
11. Press the button to connect the FTP session
12. Once you are connected locate and select the DS62 upgrade file
13. Make sure you are in Binary mode
14. Click the “send” button to send the file to the DS62 using the FTP client
15. Once the transfer is complete, close the FTP client
16. Telnet to the DS62
17. Enter the configuration menu of the DS62 to verify the firmware revision was a success.

#### **FIGURE 1 (Steps 2-4)**

#### **FIGURE 2 (Step 5 & 6)**

```
Bay Technical Associates 2003
DS62 Ethernet Host Module
Revision F 1.04.12   Module 1
Hardware 1.01   Serial number 700028
colilo version 2
```

```
Status ...1
Serial Port Configuration ...2
Serial Port Device Name ...3
Attention Character ...4
Disconnect Timeguard ...5
Connect Port ID Echo ...6
Login Setup ...7
Network Port Configuration ...8
Module Name ...9
SNMP Configuration ...10
RPC Management ...11
Web Server Configuration ...12
Exit ...X,CR
```

Enter Request :8

#### **FIGURE 3 (Steps 7-9)**

```
Network setup :
Ethernet Address ...00:C0:48:09:28:0C
IP Address ...209.205.132.22
Subnet Mask ...255.255.255.0
Default Gateway ...209.205.132.1

Connection Inactivity Timeout (mins): Disabled
Carriage Return Translation: Disabled
Break Length (msecs): 350
DHCP is Disabled Telnet is Enabled
SSH is Disabled

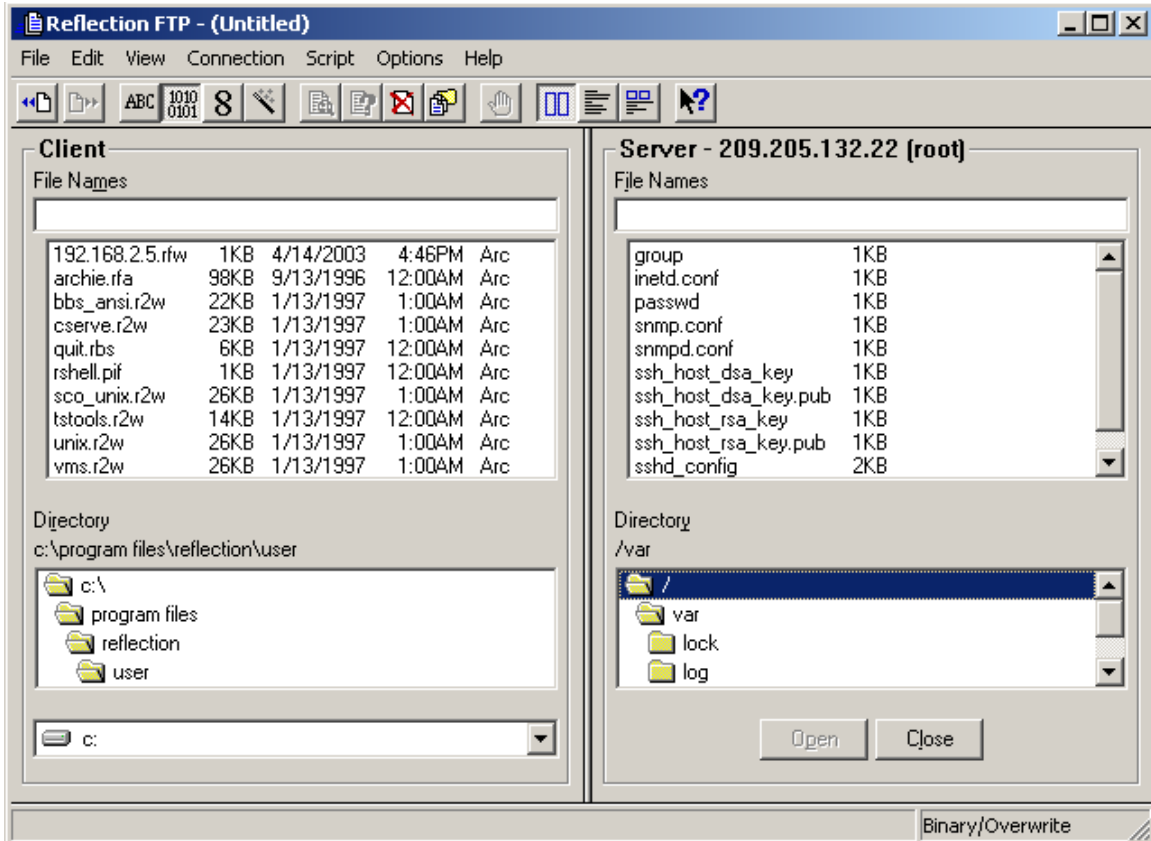
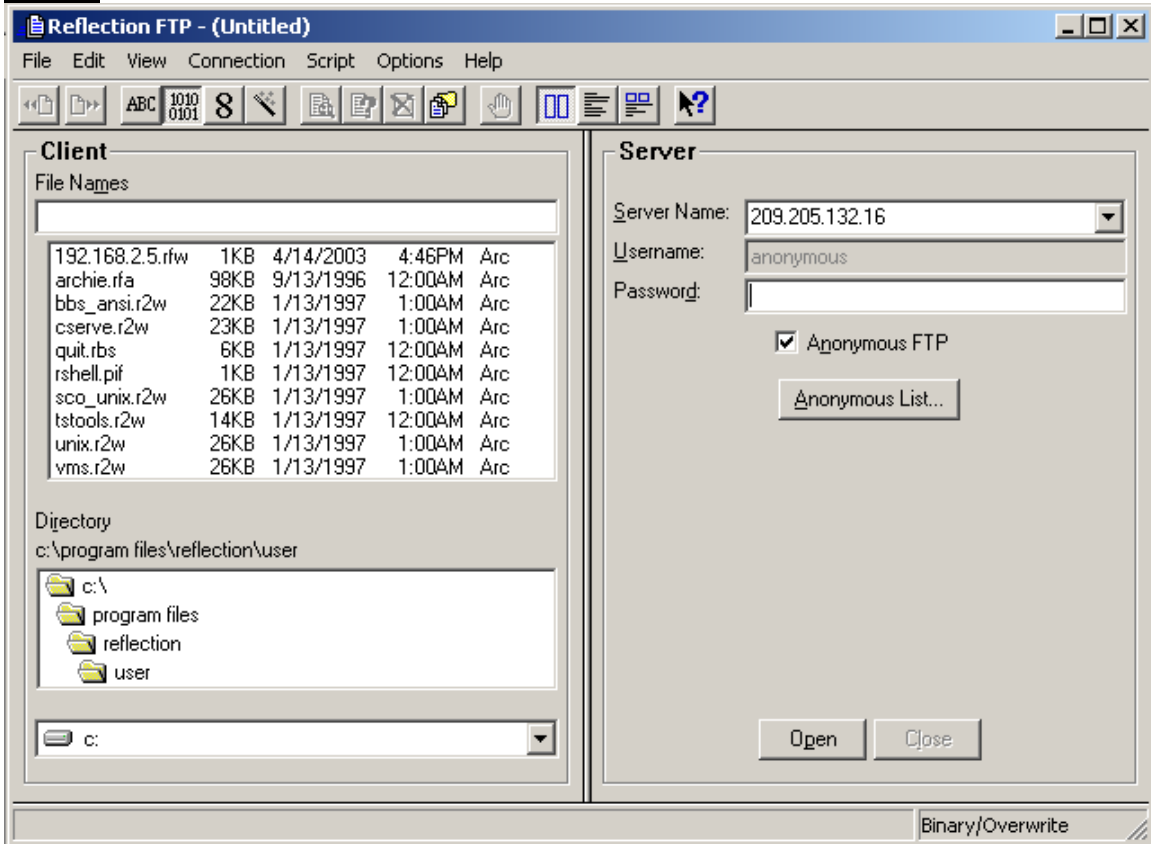
IP Address ...1
Subnet Mask ...2
Gateway Address ...3
Inactivity Timeout ...4
Carriage Return Translation ...5
Break Length. ...6
DHCP Enable/Disable ...7
Telnet Enable/Disable ...8
SSH Enable/Disable ...9
SSH Host Key Generation ...10
Enable Firmware Upgrade ...11
Enable SSL Cert Upload ...12
Enable Configuration File Upload ...13
Restore Configuration Defaults ...14
Get Current Configuration File ...15
Display Configuration Error Log ...16
Exit ...X,CR
Enter Request :11
```

Enabling this will allow the firmware to be updated via ftp

Enable Firmware Download ? (Y/N) Y

<sup>1</sup> Default Username: root  
<sup>2</sup> Default Password: baytech  
 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](mailto:support@baytech.net)

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