

CDD-56x(L) VERSION UPGRADE INSTRUCTIONS

Version 1.6.23 Upgrade File

This release includes the bulk file for upgrading the CDD-56x(L) to version 1.6.23.

Upgrade Files

| Bulk | Filename | Description |
|-------------|-----------------|--|
| FW-0000122T | FW-0000122T.bin | Contains Bootrom, FPGAs, and Application |
| FW/11669AK | FW11669AK.bin | Contains Bootrom, FPGAs, and Application |

Upgrade Instructions

IMPORTANT! – During the upgrade process, the command line will display several events as they occur when connected to either the Serial Console Port interface or Telnet interface. These events include FTP login, writing the image to flash, and verification that the FTP transfer was completed.

For upgrades to a local port - It is recommended that this upgrade be performed with a PC that is locally attached to the CDD-56x(L) via the RS-232 Serial Console Port and the Ethernet Port.

For upgrades to a remote CDD-56x(L) over a satellite link - It is recommended that this upgrade be performed with a PC that has a Telnet session connection to the CDD-56x(L) via satellite.

IMPORTANT! - Be sure that the CDD-56x(L) remains powered on and is not reset or interrupted during the file transfer process.

1. Verify the connection by issuing a "ping" command to the CDD-56x(L).
2. Initiate an FTP session with the CDD-56x(L) by typing "ftp xxx.xxx.xxx.xxx" where "xxx.xxx.xxx.xxx" is the IP address of the CDD-56x(L). Enter your admin user name and password to complete the login.
3. Verify the FTP transfer is binary by typing "bin". Type "prompt" then type "hash" to facilitate the transfer process.
4. Type "put FWxxxxxxxxx.bin" to begin the file transfer. This will load the Bootrom, Application, and Tx/Rx FPGA files.

After verifying a successful file transfer, terminate the FTP transfer by typing "bye".

IMPORTANT! – If the file transfer is not successful for any reason, do not reset or power down the CDD-56x(L). Restart the FTP session and repeat steps 2-4. If the file transfer is still not successful or regarding any other issues contact customer support at the following.

esc@comtechefdata.com

Toll Free, U.S. & Canada +1 866-472-3963

Outside U.S. & Canada +1 240-243-1880

Verify that FWxxxxxxx (Rev 1.6.23) is loaded by selecting Operations & Maintenance/Unit Information. The console should display that either IP Bulk #1 or IP Bulk #2 is now Rev 1.6.23.

Also, verify that the “IP Module Boot From” image is set to "Latest".

Note: The user has the ability to specify which base modem firmware version should be booted from after a reboot, using the “Base Modem Boot From” image.

Operations and Maintenance

```
Unit Uptime.....[x days  x hours  x mins  x secs]
Unit Information.....I
IP Module Boot From.....[Latest].....B
Base Modem Boot From.....[Latest].....A
Upgrade To.....[Oldest].....U
Codecast Multicast Address..[xxx.xxx.xxx.xxx].....M
PARAM Image.....[PARAM].....C
Statistics.....T
Event Log.....E
Database Operations.....D
Reset.....R
Diagnostics.....G
M&C Interface.....F
```

After verifying that Ver. 1.6.23 has been uploaded, save Parameters to permanent storage (press ‘s’ and ‘y’) and then reboot the IP Module (press ‘r’ and ‘y’). Once the CDD-56x(L) reboots, the IP Module (CDD-56x(L)) will be running Ver. 1.6.23.