

Upgrading the C Plus Flash

The C Plus was designed with user upgradable flash software. This means that as new features become available, customers can upgrade their software to take advantage of the new capabilities. This ability began with C Plus rev B.

Determining the existing software version:

Using a terminal emulator program like Hyperterm, connect with the C Plus and during normal operate mode, enter \$\$\$SWVER. The C Plus will respond with the version number and date of the current software it is running. Contact Cimarron Technologies with this information to see if an upgrade is available.

Upgrading the Flash:

Before attempting to upgrade the Flash, you must ensure that you have a DSP software build file to load. When you enter the download area of the menu, the existing software is erased. Ensure that Data In is disconnected from the C Plus. Live decode requests will interrupt the flash load.

Enter programming mode on the C Plus. From the main menu (screen #1), select choice 5 "*Program new Flash*". Then select choice 1 "*DSP*". You will be asked to confirm that you have a new software file to download. Press "Y" and in about 10 seconds the C plus will prompt you to start the download.

On the Hyperterm Menu bar, select "*Transfer*" and then "*Send Text File*". A window opens to allow you to locate and select the file to send. Using standard windows convention, find and select the DSP software file and then press Open. The file will begin to be loaded into the C Plus.

The load process will take approximately 6 minutes to complete. During loading, you will be presented with a counter describing the number of KWords left to load. When completed, the C Plus will announce "*Dsp build successfully written to Flash. Reset the modem to use new DSP build.*" Cycle power on the C Plus to reset. The unit will now start using the new software.

Additional Information:

If the file you want to load into the C Plus is not listed in the *Send Text File* window, verify that you search has not been limited. *Files of Type* should be set at "All Files". If not, the search will be limited to the type of files designated.

Version Compatibility:

If you are upgrading to version 2.24 or greater from a version earlier than 2.24, the Alias table will be damaged. To prevent this, prior to upgrading, download the alias table to your computer and save it. Then flash the C Plus with the newer version and reload the saved alias table.

See Also:

Communicating with the C Plus using Hyperterm
Programming