

If your firmware version is pre 1.00.26, there are a few intermediate steps required. This package contains the necessary firmware, boot loader, and upload programs.

- Using FlashBurn1.10, upload 'Upgrade\_Subscriber\_M100100\_Host\_Font\_S1.00.26.bin' to the radio.
  - Run FlashBurn1.10\_CSI
  - Connect the CS750 to your computer using the programming cable
  - Press and hold the top (orange) button and PTT (blue) button and turn on radio
  - LED will flash red – amber – green and display will be blank, program window will indicate device is connected
  - Select 'Upgrade\_Subscriber\_M100100\_Host\_Font\_S1.00.26.bin'
  - Click 'Flash' button and wait for progress bar to complete and the radio to restart
- Using FlashBurn1.10, upload 'CS750\_Bootloader\_D2.01.bin' to the radio.
  - Run FlashBurn1.10\_CSI
  - Connect the CS750 to the computer using the programming cable
  - Press and hold the top (orange) button and PTT (blue) button and turn on radio
  - LED will flash red – amber – green and display will be blank, program window will indicate device is connected
  - Select 'CS750\_Bootloader\_D2.01.bin'
  - Click 'Flash' button and wait for progress bar to complete and radio to restart

These steps bring you up to date with the font and boot loader files required for additional updates.

Find and install CPS version 4.00.22. It will be required for programming the radio in the next steps.

NOTE: When you do update to the 2000 channel / 65K contact version of firmware, you will need to update your code plug using the CPS. Under the Tools menu, select CPS Data Translate, navigate to your old code plug, make note of the name alteration on the destination file or change it to one of your choice, and translate the plug. This will need to be uploaded to your radio after the firmware update. Until it is the radio will display 'Unprogrammed'

- Using FlashBurn2.00, upload 'CS750(2000)\_Host\_S1.01.07\_20150923.bin' to the radio
  - Run FlashBurn2.00\_CSI
  - Connect the CS750 to the computer using the programming cable
  - Press and hold the top (orange) button and PTT (blue) button and turn on radio
  - LED will flash red – amber – green and display will be blank, program window will indicate device is connected
  - Select 'CS750(2000)\_Host\_S1.01.07\_20150923.bin'
  - Click 'Flash' button and wait for progress bar to complete and radio to restart

The radio will display 'Unprogrammed' until the updated code plug is loaded.

The latest firmware for the radios – S3.00.07 for the HT – now requires all radios to be properly authorized before it can be used. All radios manufactured after June of 2015 are already set up for this update and we have begun delivering radios with these versions installed. Radios manufactured prior to June of 2015 will need to undergo an authorization procedure to allow future updates to be installed.

Since the new firmware needs to be installed in order to obtain the authorization request data, it is easiest to just upload the new firmware to determine whether or not the radio is ready to go. If the radio is already authorized, the firmware update will go through as it normally does and you will be back on the air in a short time. If it needs authorization, the firmware update will result in a blank screen and the LED flashing a code of red, green, and amber lights in sequence. Follow the directions below to obtain the required code.

- Check your bootloader version
  - This is important as the new firmware will only work if the bootloader is 2.01
  - Either navigate through the radio menu system (Utilities > Radio Info > Bootloader Ver.) or read the radio data into the CPS and look at the Radio Info tab
  - If the bootloader is incorrect, please update that first
  - When the correct bootloader is confirmed, proceed to the update
- Update the firmware
  - Use FlashBurn2.0 for all radios
  - Download the latest version for the HT (S3.00.07)
  - Connect the radio and upload the firmware per the usual instructions
  - If the radio restarts properly the authorization is complete
    - The HT update is now complete and ready for use
  - If the radio displays the LED warning (Flashing R-G-G-Y-Y-Y), continue with collecting the license data
- Collect the necessary license data
  - With the radio on the firmware V3.00.07 and still connected to the PC, open CPS 4.00.22
  - Click Tools > Software Control License Apply
  - Click 'Create a new license file' to generate the file for the data – use your serial number for its name so we can track your request easier
  - Click 'Open a Local license file' and select the file name you just created
  - Click 'Start Read' to download the Unique ID of the radio – it will save to your opened file automatically

- IF YOU HAVE MORE THAN ONE RADIO – Please read all of the radios into one file
- Send this file to support@connectsystems.com for further processing. It will take a day or two for us to send the data to the manufacturer and receive the license file back
- Replace the old firmware
  - To use the radio while waiting for the authorization file, reload the previous version of firmware into the radio
  - Turn off the radio and restart it while holding the PTT and top orange buttons
  - Use FlashBurn2.0 to load firmware 1.01.07 until the license file arrives
- Apply the license file
  - When CSI sends your authorization file, it will arrive with an extension of .llc
  - Download this from the email and save it to a known directory
  - Connect the radio. If you left V3.00.07 in the radio, proceed with registration (next step). If you rolled the firmware back while waiting, update the firmware to V3.00.07 before proceeding. The LED should blink R-G-G-Y-Y-Y.
  - Open the CPS, and click Tools > Software Control License Register
  - Click the button to the right of the field labeled 'License Register File (\*.LLC)' and select the file sent to you
  - Click Register/Active and wait for the completion prompt
  - Turn off the radio and restart it normally
- Update the channel voice data
  - Open the CPS
  - Select Tools > Load Fixed Voice Data
  - Open the 'VoicePacket2015-03-23.fv' file and upload it to the radio

This completes the update procedures for this latest version of firmware. Future updates will install as usual once the radio has been authorized.

As always, please feel free to give us a call with any questions or problems encountered during the updates.