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Cooper Power Systems
by **E.T.N**

CCU-721 Release Notes Version 1.3.1.2

This firmware release fixes a memory corruption error by increasing the number of supported roles from 16 roles to 32 roles.

Before downloading new firmware, record the configuration settings for bus configuration, port configuration and power settings.

For information on how to download and update the CCU-721 firmware, refer to the *CCU-721 Carrier Control Unit Technical Manual*.

New Features

- The number of roles in the memory map was updated from 16 to 32. This causes a shift of the memory map. Please refer to section “Configure memory map” to reconfigure the memory map after firmware download.
- The front panel display was updated to show 32 roles.
- The Write Route Table Klondike command implementation is updated to write up to 32 roles.
- Support for logging to NVRAM was added.
- Support for once a day memory map backup to external flash memory was added.

Configuring the Memory Map

Since the memory map was changed from firmware version 1.2.1.1 to 1.3.1.2, downloading the new firmware release should restore the memory map to the factory defaults. However, it is still the recommended best practice to restore the memory map to factory defaults, from the CCU-721 console, immediately following the firmware download,

Please refer the *CCU-721 Console* chapter in the *CCU-721 Carrier Control Unit Technical Manual* for the procedure to connect to the CCU. Once connected, use the console to enter the command *factory* and press the Enter key. Follow the on-screen instructions to reset the firmware settings to the factory defaults.

After CCU has been reset to the factory defaults, manually reconfigure all the previously recorded memory map settings.