

# Micro100 Upgrade Instructions

The Micro100 6.1.0.2 firmware image is twice as large as the previous Micro100 firmware images released. The larger code requires users to have a new *backup* firmware image also stored in FLASH while downloading and programming a new version of operational code, in case the download fails. The increased code space allocation results in a one-time only reduction of a single web page (i.e. 64KB).

These conditions make switching between pre-6.1.0.2 and 6.1.0.2 and subsequent versions irregular. Therefore, the destination file has been changed for the Micro100 product from 3M to 4M.

## Upgrading to 6.1.0.2 from pre-6.1.0.2

### Network Upgrade

The pre-6.1.0.2 is not able to load a firmware image larger than 64 KB, so it must be loaded in a two-step process.

1. From A DOS Command Prompt, TFTP the Micro100 upgrade ROM with the corresponding Micro100's destination file code for the pre-6.1.0.2 release (i.e. 3M)  
e.g. `tftp -i <ip address> PUT m100upg.rom 3M`
2. The upgrade ROM will run and store new intermediate loader and backup firmware, in flash, and reset the unit to get the backup firmware running
3. With backup firmware running (IP information in the DHCP case can be obtained via DI), From a DOS command prompt, TFTP the new 6.1.0.2 operational firmware, with the corresponding Micro100's destination file code for the new 6.1.0.2 release (i.e. 4M)  
e.g. `tftp -i <ip address> PUT m100_6102.rom 4M`
4. Load any web pages required (after operational code is running) – these may have been overwritten with the new code/memory map. There are new WebPages released for the new CGI interface (no longer java applet).

The unit should be operational with new 6.1.0.2 firmware.

### Web Pages

Due to the extra space taken by the firmware, the number of web pages has been reduced from 7 to 6 on the Micro100 product. Also, the start of the web pages has been moved in FLASH, requiring a reload of any loaded web pages after the firmware upgrade. Follow standard TFTP or DeviceInstaller procedures.