5700MSC upgrade:
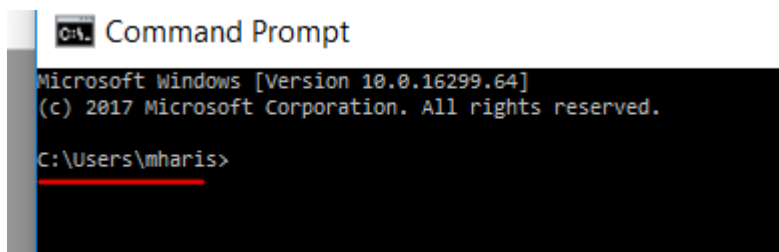
1) Get "configuration files" from MSCs prior to upgrade
2) Upgrade MSC via FTP
3) Check settings such as DOMAIN number, PTP general settings etc.

1) Get "Configuration/backup file" from MSC

Alternate Method For Units Running Firmware 1.0b14xx And Higher:

1. **From Front Panel** General menu go into Presets **and select** "Dump to file".

2. Connect a PC to one of the network ports and configure with **correct IP address**

2.1 Open a CMD prompt and type ftp a.b.c.d and press enter. (where a.b.c.d refers to the IP address on the 5700MSC-IP network port you are connected to)

2.2 When prompted for a user name, press enter.

2.3 When prompted for a password, type 5700 and press enter.

2.4 Type hash and press enter.

2.5 Type bin and press enter.

2.6 Type cd /storage/ and press enter.

2.7 Type get configuration and press enter.

2.8 Type bye and press enter.

The file will get stored on the local directory on your PC/laptop (that you were logged in to command prompt as) such as:

5700MSC upgrade via FTP:

How To Update The 5700MSC-IP Firmware By FTP

Notes:
In this example, we have an interface on the 5700MSC-IP configured with IP address 172.16.1.1

5700MSC-IP firmware is published in separate IP Video Test Generator sub-builds, one for ASPEN, one for ST2110, one for ST2022-6.

You must decide which sub-build is appropriate and rename it to `7800msc-10g.bin` prior to uploading it to the 5700MSC-IP.

1. Make sure you can ping the target 5700MSC-IP.
2. Put the target 5700MSC-IP into firmware ftp firmware update mode `(General Menu>Firmware>Enable FTP)`.
3. Open a `CMD prompt` on your PC, `change directory` to the folder where the firmware file is located.

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4. Start the ftp session by typing `ftp 172.16.1.1` and pressing `enter`.
5. At the prompt for user name `press enter` – a user name is not required.
6. At the prompt for password, type `5700` and press `enter`.
7. Put the ftp session in binary mode by typing `bin` and pressing `enter`.
8. Enable hash marks to indicate transfer progress by typing `hash` and pressing `enter`.
9. Change destination directory on the 5700MSC-IP by typing `cd /firmware/` and pressing `enter`.
10. Transfer the firmware by using the put command – type put `7800msc-10g.bin` and press `enter`.
11. When the transfer is complete, type `bye` and press `enter`. The 5700MSC-IP will detect the uploaded firmware and install it and reboot.
12. Verify that the 5700MSC-IP is running the correct firmware version by checking the front panel `Status` menu under `OPTIONSFIRMWARE` then perform a power cycle as the final step.

HOW TO RESTORE THE 5700MSC-IP CONFIGURATION (IF REQUIRED)

How To Restore The 5700MSC-IP Configuration

CAUTION: NOT FOR USE ON LIVE PRODUCTION SYSTEMS
THIS PROCEDURE HAS BEEN FOUND TO CAUSE A GLITCH
TAKE APPROPRIATE PRECAUTIONS

Notes:
The configuration file is your backup of the 5700MSC-IP settings.
It contains checksums and proprietary data, therefore it <u>must not be edited or modified in any way</u>
or it will <u>not</u> be possible
to restore 5700MSC-IP configuration.

In this example, we have an interface on the 5700MSC-IP configured with IP address 172.16.1.1

5700MSC-IP configuration must be manually generated prior to downloading to your PC.

Alternate Method For Units Running Firmware 1.0b14xx And Higher:

1. connect a PC to one of the network ports and configure with **correct IP address**

1.1 Open a CMD prompt, change directory to the folder where the configuration file was stored,
   and type `ftp a.b.c.d` and `press enter`. (where a.b.c.d refers
      to the IP address on the 5700MSC-IP network port you are connected to)

1.2 when prompted for a user name, `press enter`.

1.3 when prompted for a password, type `5700` and `press enter`.

1.4 type `hash` and `press enter`.

1.5 type `bin and press enter`.

1.6 type `cd /storage/` and `press enter`.

1.7 type put `configuration` and `press enter`.

1.8 type `bye` and `press enter`.

2. *From Front Panel* `General` *menu go into* `Presets` *and select* `"Get from file"`.

2.2 When the configuration file is fully read in, power cycle the 5700MSC-IP and check
      the settings to ensure they are as required.