

## Multi-Channel Encoding Monitor

# INFORMATION BULLETIN 202

## RELEASE OF MCEM FIRMWARE 1.5.0.16

### SUBJECT

This bulletin announces the production release of Version 1.5.0.16 firmware for the Nielsen Multi-Channel Encoding Monitor. This monitor firmware update, based on client input, contains new features not included in the prior released versions of the monitor. This package contains support for future hardware.

### PRODUCTS AFFECTED

1000-1220,1000-1222

ENCMON,MULTICHAN,ANALOG,RoHS

### DESCRIPTION

The updated firmware, reported as Version 1.5.0.16 is the latest available firmware for the Multi-Channel Encoding Monitor. The key new features and enhancements contained in this release are detailed below.

### NEW FEATURES

#### Email Server Online Check

1. Ability to turn off email server confirmation checks for servers not permitting the ping check that verifies server connections.

#### Immediate Audio Capture

2. Capture input audio of Multi-Channel Encoding Monitor channels allowing users to record audio to file, then download and send sample to Nielsen from pc or other device via e mail for testing.

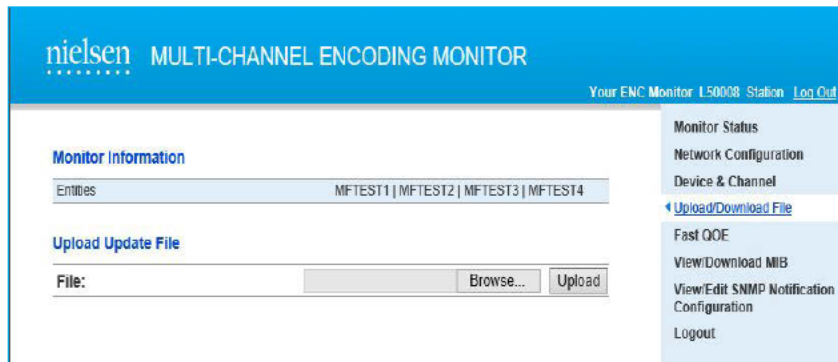
#### New Hardware Support for future changes

3. Support for hardware changes for communications infrastructure, changes which are planned to support vendor networks for broadband.

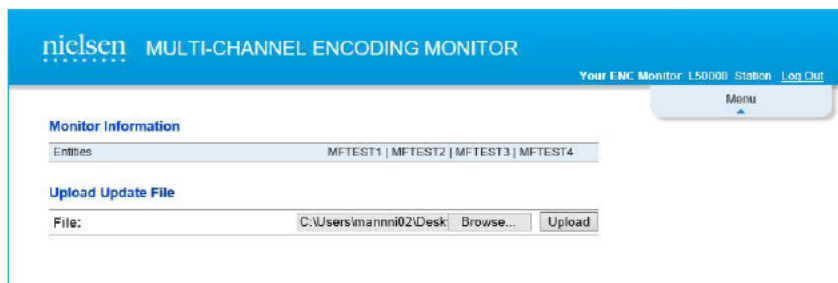
## UPGRADE PROCESS

**NOTE:** Multi-Channel Encoding Monitor Firmware version 1.5.1.16 is targeted to upgrade MCEM's running version 1.1.0.1 of firmware or later. Prior to upgrade please ensure your MCEM has version 1.1.0.1 or later installed. If you find that your MCEM has an earlier version of firmware installed contact Nielsen at [mcem.tech@nielsen.com](mailto:mcem.tech@nielsen.com)

1. Log in to the web interface of the Multi-Channel Encoding Monitor to be updated and authenticate at the Station level login.
2. Navigate to and select the Upload/Download File option from the Menu.



3. Select the Browse Button and navigate to the location of the update file on your PC



4. Once the file is selected, click the Upload button. This will initiate the firmware update process which will take approximately 5 minutes to complete. During the update process the LCD display will toggle between Update in Progress and Please Wait..., during this time it is critical not to disrupt power to the unit.
5. Once the upgrade completes the Multi-Channel Encoding Monitor will reboot automatically

## ACTIONS

The updated version (1.5.0.16) of the Nielsen Multi-Channel Encoding Monitor Firmware and corresponding equipment manual is available for release in the package and may be downloaded from the Engineering Portal at the following location:

<https://engineeringportal.nielsen.com/docs/Radio>