

INFORMATION BULLETIN

RELEASE OF MCEM FIRMWARE 1.4.0.05

SUBJECT

This bulletin announces the production release of Version 1.4.0.05 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.

PRODUCTS AFFECTED

1000-1220 ENCMON,MULTICHAN,ANALOG,RoHS

DESCRIPTION

The updated firmware, reported as Version 1.4.0.05 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

1. Email Alerts

In the event an encoding issue is detected by the Multi-Channel Encoding Monitor a user may now optionally configure the MCEM to alert them via email to the condition that was found. Configuration of this service is done via the web interface, detailed instructions may be found in the updated User's Guide packaged with the release.

2. Trace Log Feature

A new trace log feature has been added to the Multi-Channel Encoding Monitors web interface allowing users to test connectivity from their monitor back to Nielsen. This feature generates a log file from the test to be able to more easily diagnose any connectivity issues.

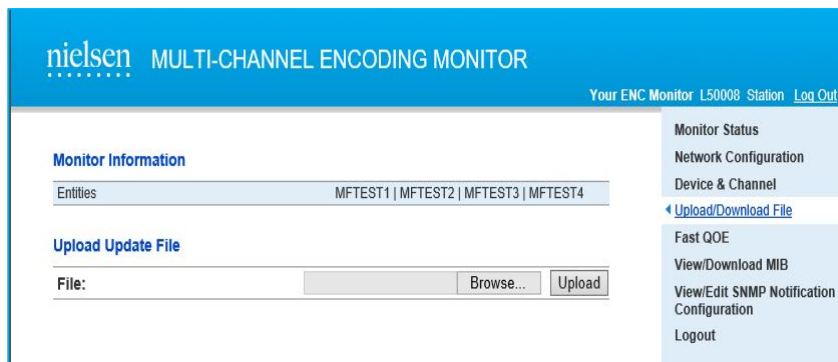
3. New Web Interface Capabilities

The user (Station level and higher) now have the ability to power off the Multi-Channel Encoding Monitor, reboot the monitor, and also force a call to Nielsen from the Web Interface. This is especially helpful for stations with their MCEM's installed at remote transmitter sites.

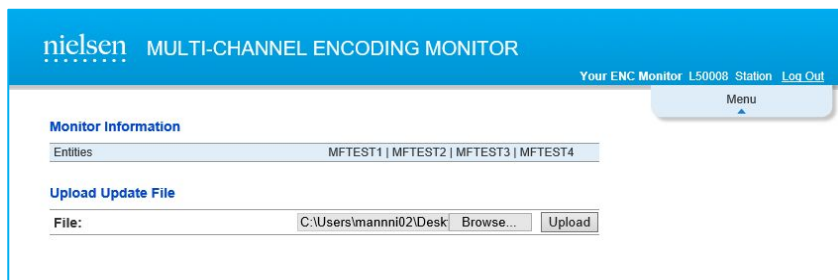
UPGRADE PROCESS

NOTE: Multi-Channel Encoding Monitor Firmware version 1.4.0.05 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

1. Log in to the web interface of the Multi-Channel Encoding Monitor to be updated and authenticate at the Station level login (or higher).
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 (1.4.0.05) of the Nielsen Multi-Channel Encoding Monitor Firmware and corresponding equipment manual is available for release today and may be downloaded from the Engineering Portal at the following location: <https://engineeringportal.nielsen.com/docs/Radio>