NWE-3GA
Nielsen Watermarks Encoder
Software version 2.3.0.9
April 03, 2019

The Nielsen Company has developed new NWE-3GA software to provide the updated CBET TV v2 encoding, enhance reliability and improve the user experience. The new software continues to support all existing watermarking technologies and NWE-3GA features.

The changes in the new software version include:

- This release implements CBET TV v2 Technology; PPM for TV measurement encoding improvement
- Added further improvement for right channel loss of watermarking codes by detecting and recovering dynamically
- Added new messages to monitor the DSP software health
- Two Event Log filters have been added; Silence (off by default) and Non-PCM Audio (on by default)
- Fix a minor issue with the log file system

Planned quality improvements

Extensive Quality Control testing has found some minor issues involving the Ross dashboard. Nielsen is working with Ross to address these Ross dashboard concerns in a future release.

1. The NWE-3GA Software version 2.3.0.9 upgrade needs to be done with Data Safe disabled. This will prevent a rare loss of the Audio Cluster settings.
   To do this;
   ❖ Open the Data Safe tab on the frame controller card
   ❖ Check the box next to the slot where the encoder card is located

2. Sometimes the event log cannot download the specified number of days (i.e. 30). If this happens, you can instead download all the event logs and select those you want from the resulting download.

3. An incorrect channel status of PCM audio being input to AES when in fact there actually was no AES audio input.