

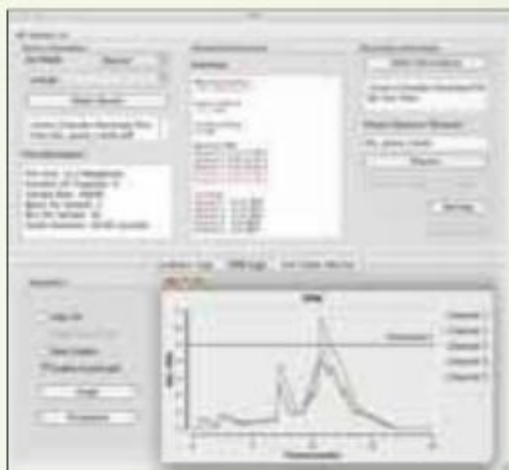
# The answer to file-based loudness violations?

By **Jake Young**

**DIGITAL WORKFLOW** experts Emotion Systems will feature eFF (Emotion File Finish), a software application that automatically analyses and fixes audio loudness violations in file-based media.

eFF analyses file-based media by using accurate modelling of VU meters, PPM meters and loudness detection parameters (ATSC A/85, EBU R128 and ITU-R BS.1770). It operates faster than realtime and provides operators with a graphical display to assess audio issues.

According to Emotion Systems CEO MC Patel, “we developed eFF in close collaboration with those who actually use it to take the pain



eFF complies with the latest international standards

out of compliance by enabling users to manage critical file-based audio content to ensure loudness legislation compliance with utter ease and complete confidence.”

Applications for eFF include MCRs as well as nonlinear video editing and online finishing suites.

**N3719-3**