

# Answering file-based loudness

At NAB digital workflow experts Emotion Systems featured eFF (Emotion File Finish) a cost-effective software application that automatically analyses and fixes audio loudness violations in file-based media.

Already deployed at prestigious London facilities such as The Mill, Smoke & Mirrors, and Munky, eFF automatically resolves audio loudness errors in file-based media to ensure compliance with the latest international standards. To

ensure that users make the right decisions, eFF efficiently analyses file-based media by utilising accurate modelling of VU and PPM meters, and loudness detection parameters (ATSC A/85, EBU R128 and ITU-R BS.1770). In addition, the fact that eFF operates in faster than real time and provides operators with a graphical display that enables them to quickly assess any audio issues.

[www.emotion-systems.com](http://www.emotion-systems.com)

Loudness Analysis  
and Compliance



"as easy as apple pie"

TV Bay  
May 2012