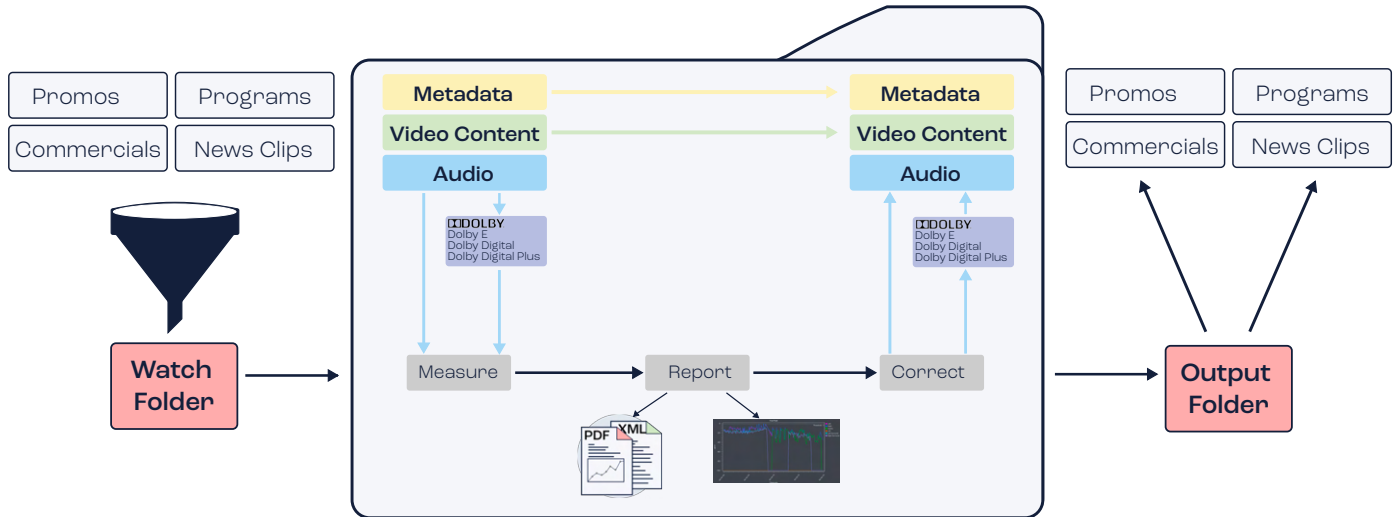




## Eff: A simple automated Loudness compliance solution for Media Files



- Works with MXF, QuickTime MOV

- Supports PCM, Dolby Digital, Dolby Digital Plus

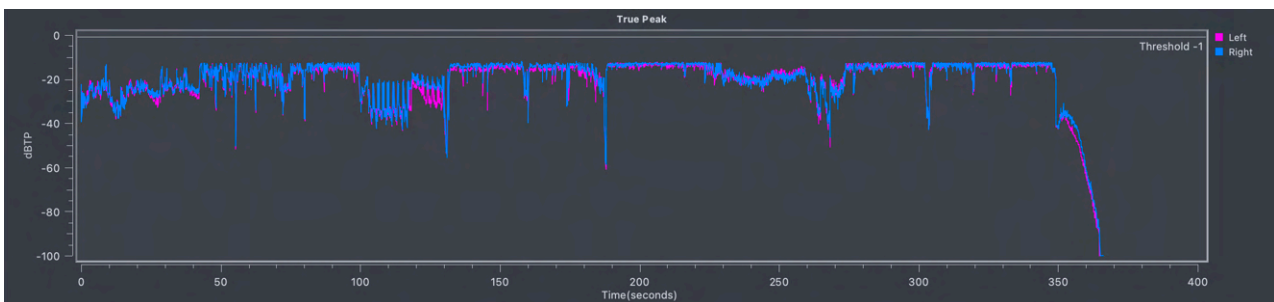
- Watch Folder based operation provides an easy automated solution

- Dolby DD/DD+: - Various ACMOD configurations supported etc. 2/0, 3/2
- Supports varying datarates of compressed DD/DD+ etc 128, 192, 384

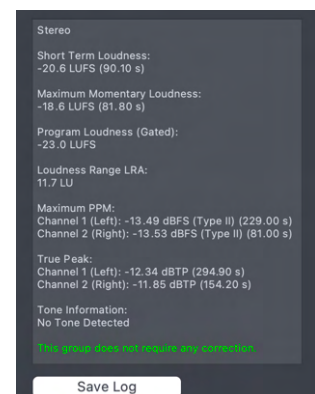
## Eff works in three clear stages: Measurement, Correction and Reports

**Measurement** – Eff provides a comprehensive range of measurements - Program Loudness, Short Term, Momentary Loudness, Loudness Range, True Peak, PPM and VU.

**Correction** – Program Loudness correction uses global attenuation; True Peak correction uses carefully applied local attenuation. This form of processing ensures that the quality of the creative mix is retained.



**Reports** – The GUI displays metadata, analysis results and together with graphs and logs clearly indicate where and how the files have failed. Additionally PDF reports with graphs, and XML log files can be generated.





Clear and simple UI enables easy configuration

	Measure	Comply	Comply with Watch Folder
	<b>Function Table</b>		
Graphical Report	✓	✓	✓
Multiple Language UI	✓	✓	✓
Windowed Measurements	✓	✓	✓
XML/PDF/Logs Report	✓	✓	✓
16 Channel	✓	✓	✓
Measure to Multiple Profiles	✓	✓	✓
6/12/15 Frame Silence Detection	✓	✓	✓
Multifile	X	✓	✓
True Peak Processor	X	✓	✓
File Fix to Standard Profile	X	✓	✓
LRA Processor	X	✓**	✓**
▲ *Dolby®Digital	✓**	✓**	✓**
▲ *Dolby®Digital Plus	✓**	✓**	✓**
▲ *Dolby Dialogue Intelligence®	✓**	✓**	✓**
Transport Stream Support	✓	✓	✓
Various ACOMOD Support	✓	✓	✓

\*\*Option  
 \*Dolby® and Dialogue Intelligence® are registered trademarks of Dolby Laboratories  
 ▲ Any Dolby related functionality require purchases of Dolby® option

**Containers/Formats supported:**  
 BWAV, WAV, AIFF, QT MOV, MPEG I LAYER II, MXF, GXF, LXF

**Standards supported:**  
 BS 1770-1/2/3,4 BS 1771, EBU R128, ATSC A-85, TR-B32, OP-59, Leq(A), Leq(M), AGCOM 219/09/CSP, DPP, Netflix

**Loudness Measurements supported:**  
 Program Loudness, LRA, True Peak, Short Term and Momentary Loudness

**PPM Measurements supported:**  
 BBC, EBU, Nordic, DIN, dBFS (type I), dBFS (type II), VU, Leq(A)

**Audio formats supported:**  
 Mono, stereo, 5.1, and combinations

**Audio sample rates supported:**  
 44.1kHz, 48kHz

**Audio bit depths supported:**  
 16bit, 24bit

**Watch Folder Option:**  
 Single Watch Folder with automatic renaming option, flexible file manipulation, auto generation of XML reporting, and PNG graphs.

**Correction:**  
 Eff will correct Program, Short term and Momentary Loudness as well as True Peak errors without changing the original mix. Eff can also be configured to correct to PPM or VU

**Platforms supported:**  
 Windows 10, Server 2012/2016. Mac OSX 10.8 onwards. Linux