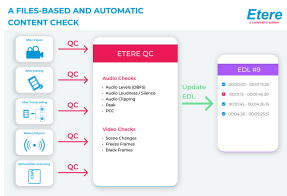


ADVANCED QC by Etere

The best of the breed Quality Control of file-based content



Etere Fast Quality Control

Etere Advanced QC is a leading edge solution designed to provide a fully automatic content analysis system able to verify and check file-based content prior to transmission or use.

Etere gives you the ability to perform automated file-based QC and detect several different issues that may affect the compliance of your media content, an essential capability in these days where file-based video is the common standard for media workflows and content is being more and more ingested from different sources, encoded at different bitrates and formatted following different compression standards.

Choose Etere and you will receive an unmatched reliability for the execution of several parallel QC tasks with the best speed and performance at an optimal cost. Fit your needs and define custom quality levels for different content types, uses and delivery channels.

About Etere

Etere was established in 1987 in Italy and it is amongst the worldwide leaders in Media Asset Management (MAM) and channel-in-a-box software solutions. Etere Media Enterprise Resource Planning (MERP) framework of scalable solutions is used by media enterprises across the end-to-end workflow. Etere MERP modular software including Media Asset Management (MAM), Airsales, Ad Insertion, Playout Automation, Broadcast Management System, HSM Archive, NRCS Newsroom, Broadcast Management System, Broadcast video over IP, IP Multiviewer and Live Censorship are built with an innovative architecture, offering the best flexibility and reliability in the market. Etere is headquartered in Singapore, with a dedicated 24/7 support centre in Italy.

E-mail: info@etere.com



FEATURES & BENEFITS

- ☐ Cost-effective, software-only and scalable QC solution
- ☐ Streamlined automated workflow control
- ☐ Processes multiple files simultaneously on standard PC and server platforms
- ☐ User definable quality levels and test templates
- ☐ Configurable by the number of channels required
- ☐ Logs and reports on all testing and results
- ☐ Photo Sensitive Epilepsy (PSE)
- ☐ Direct quality control and reception of results
- ☐ Web-based user control for local and remote sites



MERP INTEGRATION

Etere Advanced QC takes advantage of the Etere MERP framework to make a file-based quality control available at any stage of the asset management process (capture, encoding, editing, transcoding, archiving, playout, repurpose and retrieval). Etere Advanced QC ensures the quality, compliance and playability of your media content thanks to the ability of adding further supervision tasks to your QC workflow (e.g. in case of negative results).



SUPPORTED FORMATS

All frame sizes, bit rates, and resolutions for SD/HD and mixed workflows

☐ **SUPPORTED CONTAINERS**

Mpeg TS/PS, Mxf, Gxf, Mp4, QuickTime, Asf, 3gpp, Avi, Lxf, Apple HLS, Microsoft SS

☐ **SUPPORTED VIDEO**

Mpeg-2 (Imx, XdCam), H.264/Avc, Mpeg-4, H.263, VC-1/Wmv, Dv/DvcPro25/50/100/HD, Apple ProRes 422/422(HQ)/422(Proxy)/422(LT)/444, Avc-Intra (High10 Intra, High422 Intra, High444 Intra, and Cavlc Intra), Jpeg-2000, DNxHD, Raw Yuv and Rgb

☐ **SUPPORTED AUDIO**

Mpeg-1/2, Aac, HE Aac (Loas/Latm), Pcm (Aes, Bwf, Aiff, Wav), Dv, Wma, Dolby D / AC-3, Dolby E, SMPTE 302M



AVAILABLE CONTROLS

☐ Encoding Errors, Syntax Errors, Format, Bit Rate, Quantization, Frame Rate, GOP (Length, Bit Rate, and P-frame) Tests, Aspect Ratio, Color Format, Buffer Analysis, File Size, Correct PID, CableLabs VoD Compliance, Number of Video and Audio Streams, Number of Audio Channels/Tracks

☐ Video Playtime, Signal Levels, Gamut, Luminance, Chrominance, Black Frame Detection, Video Quality (Blockiness), Freeze Frame Detection, Field Order, Quantization, Cadence, Missing Frame, Tape Artifact Detection, Color Bar Detection, AFD Detection

☐ Audio Playtime, Peak and Minimum Levels, Audio Loss, Clipping, Silence, Mute, Test Tones, Dolby-E Guard Band Interval Testing, Multitrack Audio Testing, Peak Audio-level Reporting, Audio Loudness Testing per ATSC A/85 and EBU R128, PPM Audio Ballistics, Loudness Tests across Multiple Tracks, Automated Audio Loudness & Level Correction

☐ Perform All Audio Tests on All Audio Tracks in a File with 1 Pass

☐ Closed Caption, Teletext, and DVB Subtitles: Presence and Standards Compliance

☐ Timecode Continuity, Integrity, Synchronization, and Comparison

☐ Photosensitive Epilepsy (PSE) Testing per U.K.'s OfCom & Japan NAB specifications



SYSTEM REQUIREMENTS

For a single channel the minimum requirements are the following:

- ☐ Windows 7 or Server 2008
- ☐ Processor Speed - 3 GHz
- ☐ Memory - 8 GB RAM
- ☐ Ports - USB and Ethernet
- ☐ Hard Drive - 50GBavailable
- ☐ Additional memory may be required to support a greater number of channels

