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Marquise Technologies at NAB 2014: 4K mastering, versioning and quality control for Digital Cinema and television

Swiss-based developer of high-end solutions for post-production Marquise Technologies is increasing MIST mastering capabilities with new 4K features.

Geneva, Switzerland – Marquise Technologies announced today the products to be demonstrated at NAB 2014: by offering a comprehensive and efficient 4K workflow including capture, dailies management, conforming, high-end real-time color grading, mastering of DCP and IMF, and quality & control of the content, Marquise Technologies outstrips the more and more complex needs of the industry.

Latest evolution of the groundbreaking MIST (for Media Ingest Stream & Transcode), **MIST Master** is a revolutionary turnkey system designed for content mastering, independently from the type of deliverable requested, could it be DCP, IMF or AMWA specific packages, with the maximum possible automation and integration. Not just a stand-alone workstation, MIST Master is able to follow material from its acquisition to its delivery and to report each stage of the processing.

MIST's capture capabilities have been enhanced to support 4K HFR capture. It is also now possible to capture directly a video stream in AS-02 JPEG2000 or MXF Op 1A JPEG2000, making it a must for broadcasters and digital preservation's institutions.

IMF "deMISTified": MIST is supporting the latest IMF specification ST2067-5-201. Creation and exchange of multiple versions is made fluid and efficient, and visibly understandable using the node-based FlowGraph.

Mastering for broadcasters is now increased with the support of AMWA AS-02 and AS-11 UK DPP Shim specifications for deliveries.

MIST gained also important image improvement features with the integration of Digital Vision's DVO tools, known for presenting the best image manipulation tools for restoration and enhancement.

I C E Image Control Engine

Unveiled last fall, ICE is a player dedicated to Quality Control. Capable of playing back any type of file from SD to 4K, including Digital Cinema packages (DCP) as well as Interoperable Master Format (IMF) packages, RAW data, mezzanine or uncompressed formats immediately, without prior ingestion, ICE is the tool of choice for monitoring content for Digital Cinema or UHDTV broadcast.

DCP and IMF validation through the assessment of the compliance and the integrity of the packages, automatic resizing, color space conversions for REC2020, ACES, DCI XYZ, and play out on HD to 4K monitors or 2K/4K DCI projectors are among the key features, that have been increased this year with the capability of a direct playback of encrypted DCPs.

Light R A I N

The color grading solution R A I N, is designed for multifaceted workflows with support for monochrome ARRIRAW, F65, F55, Sony XAVC & SRMaster, H265 among the key formats processed in real-time, at 4K and beyond. New this year is the ability to render directly the completed project into a DCP.

"Mastering and monitoring high-resolution and HFR deliverables is often creating a bottleneck in the facilities' workflow. With MIST Master, RAIN and ICE Player, we provide our customers with efficiency, flexibility and reliability for UHDTV and 4K DCI processing" says Laurence Stoll, CEO of Marquise Technologies.

At NAB visitors will be able to follow demonstrations of the new features including 4K capture using MIST Master, of the integration of the DVO tools, of 4K color grading with RAIN and of 4K DCP quality control using ICE.

Visit Marquise Technologies at NAB 2014

Marquise Technologies' booth SL 12507

About Marquise Technologies

Marquise Technologies designs state-of-the-art solutions for the post-production and the television broadcast industry. The company addresses post-production facilities and digital film labs and provides them with high-end solutions for image processing, data conforming, color grading and Digital Cinema & UHDTV mastering. For more information on Marquise Technologies, please visit the website www.marquise-tech.com.