colorfront ▌▶▶▌

NEWS RELEASE

Media Contact:
Aron Jaszberenyi
E: aron@colorfront.com
T: +36 1 880 3900

COLORFRONT TRANSKODER 2014 GOES 8K

Showcase for industry-first, real-time 60FPS 8K (4320p) & S3D 4K (2160p) system

Budapest, Sept 11, 2014 – Colorfront (www.colorfront.com), the Academy and Emmy Award-winning developer of high-performance, dailies and transcoding systems for motion pictures, high-end episodic TV and commercials, today broke performance barriers with the announcement of Colorfront Transkoder 2014, the automated, standalone system for high-quality digital file conversion, now featuring ground-breaking real-time 8K and 3D4K capabilities. This industry-first development underlines Colorfront's reputation as a leading technology innovator, as it previews performance-boosting innovations for Ultra High Definition Television (UHDTV) post production at IBC 2014, Amsterdam, 12-15 Sept. Colorfront will also show the shipping 2014 versions of its On-Set Dailies and Express Dailies systems at IBC.

Colorfront Transkoder is already employed by leading studios, VFX and post facilities involved in digital cinema and high-end TV production. Colorfront Transkoder 2014 is available on Mac, PC and the cloud for many key tasks: editing RAW film data, converting material to various output formats, plus conforming, color grading and rendering 2K / 4K / 3D4K / 8K / UHDTV materials in various high-end delivery and mezzanine formats.

Colorfront has successfully collaborated with NHK Science & Technology Research Laboratories in Japan, using Colorfront Transkoder 2014 on 4K/60p broadcast programming originated with Sony F55 and RED cameras, and also at 8K/60p on NHK's Super Hi-Vision/ UHDTV project, with processing and real-time playback of 8K/60p footage from various RAW formats. Along with NHK, Colorfront has already sold multiple Colorfront Transkoder 2014 licenses to broadcasters and post facilities worldwide, including Deluxe, Technicolor, Fotokem, MGO and the BBC.

Along with real-time UHDTV 60fps/4320p/8K and S3D/2160p/4K capabilities, key features of Colorfront Transkoder 2014 are: a brand new, easy-to-use interface, a multi-track timeline, EDL conform editing tools, support for subtitling, automatic watch folder processing, plus extended support for the latest digital cinematography camera formats, including ARRI Alexa 3.2K ProRes and Amira 4K ProRes, AJA Cion,

plus Panasonic's 4K Varicam V-RAW. Deliverables have also been extended to AS-11 DPP, Apple licensed ProRes XQ, HEVC (High Efficiency Video Coding) and 10-bit H.264 video compression formats. Supporting the image workflow is the Colorfront Engine, a state-of-the art, automatically managed wide gamut high dynamic range color pipeline which brings true plug and play simplicity to today's complex multi-source multi-deliverable production needs.

"Digital cameras are heading towards ever-higher resolutions, framerates and dynamic range, and Colorfront continues to expand the boundaries of what is possible by delivering unique tools with extreme performance for UHDTV applications," said **Aron Jaszberenyi, managing director of Colorfront.** *"Colorfront remains at the forefront of the marketplace by maximizing the latest advances in CPU/GPU performance, supporting the latest high-end camera and deliverable formats, and delivering significant improvements to the user-experience."*

Colorfront Transkoder is the ultimate tool for DCP and IMF mastering, including: the industy's highest performance JPEG2000 encoding and decoding, 32-bit floating point processing on multiple GPUs, mxf wrapping, accelerated checksums, AES encryption and decryption, IMF/IMP and DCI/DCP package authoring, editing, transwrapping and verification, full subtitle authoring and support for multi-language packages.

Transkoder 2014 is shipping on Windows now and on Mac OS X in Q4. Colorfront is showing Transkoder 2014 in private demos at IBC 2014. Colorfront is also shipping the 2014 versions of On-Set Dailies and Express Dailies, the most widely-adopted on-set dailies systems, used by elite Hollywood production suppliers, blockbuster motion pictures and high-end episodic TV shows.

About Colorfront: Budapest-based Colorfront is developing high performance media software since 2000. Colorfront dailies systems have been used on hundreds of motion picture productions worldwide. Recent and forthcoming productions processed on Colorfront dailies systems include*: Hercules: The Thracian Wars, Hunger Games: Mockingjay, Mad Max: Fury Road, The Fault In Our Stars, X-Men: Days Of Future Past* and *Unbroken*. Colorfront's pioneering technology developments have earned the company Academy and Emmy Awards. For further information please visit www.colorfront.com