



## **NEWS RELEASE**

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### **COLORFRONT TRANSKODER 2017 DELIVERS MORE FIREPOWER AND NEW FEATURES FOR HDR WORKFLOWS/DELIVERIES**

**NAB 2017, Las Vegas, April 24, 2017** – Colorfront ([www.colorfront.com](http://www.colorfront.com)), the Academy and Emmy Award-winning developer of high-performance, on-set dailies and transcoding systems for motion pictures, high-end episodic TV and commercials, is showcasing Transkoder 2017 during NAB 2017 in Las Vegas.

Transkoder 2017 unleashes more processing firepower, plus expanded toolsets and improved cloud implementations, enabling post houses, broadcast and OTT content service facilities to further streamline the delivery of Ultra High Definition (UHD), High Dynamic Range (HDR), Wide Color Gamut (WCG) content.

Running on fast, cost-effective Supermicro and HP Z840 workstations, Transkoder 2017 maximizes the cutting-edge GPU performance of the very latest GeForce 1080Ti and NVidia Pascal Titan-X graphics cards for monitoring purposes, while AJA's high-density Corvid 88 I/O card supports multiple, independent HD-SDI outputs. These include 8K dual-green, 16x SDI 8K and dual independent UHD outputs, or simultaneous real-time views of UHD HDR and HD HDR/SDR masters in a wide variety of formats and color spaces.

Transkoder 2017 is powered by Colorfront Engine™ to ensure color transform and metadata fidelity, and expanded toolsets perform an even larger range of UHD/HDR/WCG processing tasks. These include: HDR-HDR, HDR-SDR and SDR-HDR conversions; content/tone mapping with metadata to reference displays; and the calculation/setting of required light levels on subtitled HDR content.

Key features of Transkoder 2017 include: 240FPS JPEG2000 encode-decode, support for HDR10, HDR10+, HLG 1.2 and the latest SMPTE 2094-xx standards, DCP/DCI-compliant mastering, IMF/IMP authoring/naming, packaging, verification and QC, and multi-channel audio (MCA) labeling.

Transkoder's unrivalled IMF (Interoperable Master Format) mastering capabilities are further extended with the integration of Netflix's Photon validation tool. There are also enhancements to Colorfront's own IMP/DCP validation tools, transcoding, trans-wrapping and IMF QC capabilities, plus improved closed-caption and subtitle language support, including IMSC1. Forensic watermarking is delivered via Civolution NexGuard.



Editorial conform improvements in Transkoder 2017 include dissolves and alpha compositing of Quicktimes and stills logo/titled burn-ins. A new Auto Edit feature enables users to rapidly customize black, slate, bars and tones as needed for program delivery, while framing guide overlays can be utilized for title/text/logos/graphics-safe areas. Transkoder 2017 also comes with new audio tools supporting up to 24-channel audio output and Dolby Digital Plus audio encoding.

Colorfront continues to pioneer in cloud-based computing and will showcase the latest advances of Transkoder 2017 to perform automated dailies and deliverables processing on Amazon AWS.

Also new during NAB 2017, Colorfront is showing accelerated workflow between multiple workstations, with Colorfront-optimized, 40gigE, solid-state, NAS storage delivering up to 96TBs of storage capacity.

Proving its worth as the ultimate tool for the latest UHD, HDR camera, color, editorial and deliverables formats, Transkoder customers now include: Sony, Disney, Fox, Fotokem, Deluxe, EFILM, Technicolor, Light Iron, Netflix, Amazon, BBC, NHK, Televisa, Final Frame, Chainsaw, The Foundation, Point 360, Roundabout, Arsenal, and The Picture Shop.

During NAB2017 Colorfront systems will be shown at the following partner booths: AJA #SL2505, Canon #C4325, Dolby #SU1702 and Panasonic #C3607, as well as at ALT Systems in the Renaissance Hotel's Presidential Suite.

**About Colorfront:** Colorfront is headquartered in Budapest, Hungary, with offices in Los Angeles, plus sales partners worldwide. The company's popular, award-winning on-set dailies and transcoding systems are utilized by small, medium and large companies alike, to process and deliver media for Hollywood blockbusters, high-end episodic TV and OTT internet entertainment. The firm was founded in 2000 by Mark and Aron Jaszberenyi, who were instrumental in the advent of non-linear DI color grading. Combining in-depth expertise in image color science with a pedigree in cutting-edge software development, the company's R&D team earned an Academy Award in 2010 for Lustre, Autodesk's DI grading system, and a Primetime Engineering Emmy in 2012 for Colorfront On-Set Dailies. Colorfront has since become renowned for the innovation, excellence and performance of its camera-to-post products, which include On-Set Dailies, Express Dailies and Transkoder. The company has leveraged its technology to successfully offer Colorfront Cloud Services, and also owns and operates a state-of-the-art DI and post-production facility, of the same name, in Budapest. [www.colorfront.com](http://www.colorfront.com)