



NEWS RELEASE

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COLORFRONT PRESENTS POTENT CONNECTIVITY AND IMAGE-PROCESSING CAPABILITIES FOR DAILIES AND TRANSKODER AT IBC 2022

IBC 2022, Amsterdam – Colorfront (colorfront.com) – the multi-award-winning developer of high-performance dailies/transcoding/streaming systems for motion pictures, OTT, broadcast and commercials – is showing potent new connectivity and image-processing capabilities across its **Express Dailies, On-Set Dailies** and **Transkoder** systems at IBC 2022. These include streamlined integration into NDI and IMF component-based media workflows, expanded support for AWS cloud storage and the latest digital camera/audio formats, plus new timeline editorial/user-interface tools.

Typically, the latest features in Colorfront technologies have been developed in-tune with customer requirements, and also embrace perpetual advances across the technology landscape, to make content production, post production and distribution workflows even more efficient. They can be seen in scheduled demonstrations at The Okura Hotel, Amsterdam, and on the IBC showfloor at **Amazon AWS** (Booth# 5.C80).

Express Dailies, On-Set Dailies and Transkoder now all feature 16-bit **NDI video output**, enabling users to take maximum advantage of this emerging architecture in their workflows. NDI (Network Device Interface) is a royalty-free software specification, developed by NewTek, enabling video-compatible products to deliver/receive, low-latency, frame-accurate video via Local Area Network.

For cloud-based operations, a field in which Colorfront has an impressive track record, all products have been optimized for faster import/load of media on **AWS S3 cloud storage**, especially useful for IMF component-based workflows. Colorfront also continues working closely with Adobe company Frame.io, to integrate its Dailies and Transkoder products into **Frame.io's Camera to Cloud** initiative, including improvement on connectivity and new support for OAuth 2 latest secure authentication for ease of use.

Colorfront recognizes the evolution and growing adoption **of IMF component-based media workflows** and the associated increasing stress on mastering operators generating, reviewing and delivering these packages. The improved validation tools for detecting incorrect Dolby Vision metadata, audio loudness problems and inconsistent letterboxing/frameline configurations will provide essential information during the packaging or QC process: by reviewing auto-generated markers created for specific issue types one can quickly catch problems with the audio, image and metadata content of the composition. Additionally, when checking localized or supplemental VF CPLs, it is easier than ever for QC operators to isolate inserts from already QCd assets and compare them to the base version.



Keeping pace with the very latest developments in digital cinematography, Colorfront systems feature support for the brand new **ARRI ALEXA 35** and **RED V-RAPTOR XL 8K VV** cameras, with Mac Studio M1 Ultra-based Express Dailies and On-Set Dailies systems delivering accelerated performance through Apple Metal optimization.

Other upgrades include improved handling of camera lens metadata and enhanced High-Throughput JPEG 2000 (HTJ2K) for IMF. Color pipeline capabilities are powered by a newly-updated Colorfront Engine, plus full support for ACES viewing pipelines via ACES 1.3, the latest Academy Color Encoding System and advanced interoperability with third party application with **ACES Metadata File (AMF)**.

In tune with customer feedback, Colorfront will show a host of **user-enhancements** across its product line, including timeline improvements for multi-channel audio editing, spatial audio workflow, new hot key editor and multiple usability improvements, all designed to make the preparation and assembly of assets even more flexible and rapid. Support for third party **OpenFX** enables users to add textural qualities to content using Invizgrain and LiveGrain plug-ins.

Additionally, Transkoder's new export capabilities of **Dolby Vision HEVC** (Profile 5 & 8.1) using Dolby Encoding Engine, together with **Dolby Digital Plus with Dolby Atmos** content as deliverable options for HEVC encoders, in addition to quality assurance tools for Dolby Atmos spatial audio technology, are sure to resonate with users.

"We always listen our customers and respond to their needs in what is an ever-evolving technology landscape, where productivity is crucial," said **Bruno Munger, Colorfront's Director of Business Development**. "With the latest versions of Express Dailies, On-Set Dailies and Transkoder products, they will find powerful, credible and affordable solutions to their current and future requirements, that also come with the hallmark of supreme quality."

Also at IBC 2022 are **Colorfront Streaming Server** and **Streaming Server Mini**, the company's popular solutions that filmmakers and digital artists are using for remote, collaborative production and post production on music videos, commercials, long-form features and streamed episodic content.

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. colorfront.com