

COLORFRONT On-Set Dailies

The new, high-performance, digital dailies tool that gets the job done fast

Main Features:

- Multiple source formats
- ARRIRAW from ALEXA and ARRIFLEX D-21
- DPX from tape, disk magazines, ARRISCAN
- ProRes from ALEXA
- Sound syncing
- Multiple burn-ins
- Color grading
- Stereoscopic 3D tools
- Simultaneous creation of multiple delivery formats
- Highest performance rendering
- Mobile system

Every deliverable necessary can now be created by a single, comprehensive software tool: On-Set Dailies, developed by Academy Award-winning software developers Colorfront. This new and revolutionary approach to digital dailies, delivers the fastest turnaround times and highest throughput – all from one box.

Faster-than-realtime deliverables, in all common file formats, are now available on-set, or in post production, whether acquisition is on film or digital formats. Colorfront On-Set Dailies allows material that has been scanned, captured from tape, or delivered as data files (uncompressed, compressed, RAW), to be manipulated in a variety of efficient and flexible ways. For example, shots can be played back through DVI or HD-SDI for quality control and screenings; sound can be synced to images (automatically or manually); LUTs can be applied non-destructively; and **multiple versions** of digital deliverables can be created simultaneously – all with unrivalled ease-of-use, versatility and speed.



Contact:

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On-Set Dailies is the **perfect companion for ALEXA, ARRIFLEX D-21 and ARRISCAN** workflows. No input rendering is necessary – even 3D stereo ARRIRAW files are converted in realtime during playback. Image processing tasks such as LUT application, color grading, image resizing and positioning can be easily applied to the various output formats. Different versions of daily deliveries can be enriched with all necessary burn-ins, whilst an editing function allows takes to be assembled into rolls and tapes for screenings, editorial and archiving.

Furthermore, Colorfront On-Set Dailies **fully-supports 3D stereoscopic production**, providing dedicated functions that include spatial alignment and color matching.

On-Set Dailies is **production proven**, having been actively developed by Colorfront on a range of feature films and TV-mini series. It has an simple, node-based operator interface, multiple systems can be configured together, ensuring even faster turnaround times. The system's already best-in-class rendering can be further boosted by the addition of separate renderers, with interactive queue rendering and job distribution to further boost productivity. The system's non-destructive workflow, with metadata management, provides a fast and efficient pipeline into subsequent post-production processes, helping to speed up editorial, VFX and DI dramatically.

Colorfront On-Set Dailies provides filmmakers with a highly efficient system for digital dailies, that stacks up favourably on the producer's budget.

Technical Specifications

Source media formats:

- Uncompressed media (DPX files from digital, tape or scanned sources)
- ARRIRAW files from ALEXA and D-21
- Various QuickTime formats incl. ProRes 422 and 444 from ALEXA
- Broadcast audio

Encoding formats:

(all customizable and parallel output rendering)

- MPG4 H.264 for web delivery, iPhone and iPad, etc.
- MPG2 for authored DVDs, chaptered Blu-ray, etc.
- Avid DNxHD MXF and QuickTime files
- QuickTime files with various codecs
- Uncompressed DPX master
- Still frame formats such as: TIF, JPG, etc.
- WAV broadcast wave audio files, stereo and multi channel
- Export various metadata incl. FLX, ALE, FCP XML, 3D LUTs, labels, screener logs etc.
- Automatic PDF report generation

Image processing

- Primary color grading – master RGB color processor with saturation, contrast, high, mid and low corrections. Compatible with printer lights grading and ASC CDL
- Sector color grading – six sector selective color correction for R,G,B,C,M,Y
- LUT node – with floating point 1D and 3D mesh LUTs
- Resizing – high performance resize engine with high quality filtering
- DVE – reposition, resize, rotation, flip&flop
- Burn-in: text burn-in of multiple metadata including KK, TC, user text, watermark, logo burn, and letterbox
- Stereo 3D depth grading, spatial alignment and color match

Sound syncing:

- Automatically sync audio, based on timecode in BWF for smart slate shoots
- Analyze audio to extract clap sound data for semi-automatic sound syncing
- Automatic image analysis for smart slate timecode reading
- Manual sound syncing with sync slip and audition
- Entering scene/slate/take/cam/select info from BWF file header
- Cut roll into shots rendering multiple audio files to stereo stream
- Multiple sound mixdown templates for different deliverables

Hardware requirements:

- HP Z800 workstation
- Local (SSD) or external storage
- Optional HD-SDI preview through DVS Atomix
- Tangent WAVE Panel support
- Archival on LTO 5

