CORTEX v5.5
From Set to Screen

Cortex. The most complete post production utility software available. Anywhere.

What's New

MTai Frame Rate Conversion
AI assisted frame interpolation option

MTai SuperRez
AI assisted upscaling option

Blanking Error Detection
QA Tool now automatically finds image framing errors that lead to unwanted black borders.

Batch Analysis
QA Tool can now simultaneously run multiple analysis tasks including dead pixel detection

NexGuard Watermarking Capability
Render files with Nagra NexGuard Forensic Watermark. (using a separate license)

Dead Pixel IMF Supplemental
Render only the selected dead pixel repairs to create an efficient IMF supplemental package.

DeInterlace Tool
Convert interlaced video to progressive

Dolby Atmos Enhancements
See an Atmos audio waveform displayed in the timeline. Render encrypted Atmos files in a DCP.

What's Improved

- Command Line Interface
- Waveform Monitor Line Select
- Max luminance detection & reporting
- DCP: Display overlapping subtitles
- DCP: add seconds to KDM time
- DCP: drag and drop for certification file
- Create sub clips of Sony RAW and RED media
- IMF Validator now handles Korean text
- DPP IMF to current spec RDD 59-1
- Ability to edit more of the AS-11 UK DPP HD metadata
- Automatic bad character fixes in file names
- XAVC enhancements
- SDI options organization and 12G support
- Ability to import color when importing an EDL
- Ability to set AFD in XDCAM config
- Custom QuickTime audio track definition

Production Technology Alliance · DOLBY VISION · dpp MEMBER · ACES PRODUCT PARTNER

Learn what Cortex can do to improve your post production workflow.
mtifilm.com/cortex   sales@mtifilm.com
Cortex applications run on Windows 10 and Windows 11. Hardware not included.

CORTEX Editions at a Glance

FEATURES	DIT	DIT+	Dailies	Enterprise	QC
Permanent License	FREE	N/A	$6,995	$14,995	$7,495
Annual License	N/A	$795	N/A	N/A	$2,995
Monthly License	N/A	$95	$585	$1,095	N/A
Project Manager / Deliverables Templates	✓	✓	✓	✓	✓
Playback All Camera & Codec Formats	n/a[1]	✓[2]	✓	✓	✓
SDI & HDMI Output up to 4K with Dolby Vision Tunneling	✓	✓	✓	✓	✓
Background Transcoding/Rendering (see notes 3 & 4)	✓[3]	✓[4]	✓	✓	
One-To-Many Simultaneous Rendering			✓	✓	
Copy & Archive Tool with MD5 Checksum or xxHash*	✓	✓	✓	✓	
Color Tool - Color Correction with ASC CDL / ACES Support	✓	✓	✓	✓	
Color Tool - Universal Color LUTs Export/Import	✓	✓	✓	✓	
Color Tool - Hybrid View with Edit Timeline or Sync Tool	✓	✓	✓	✓	
Color Tool - Dolby Vision™ Level 1 Analysis / Metadata Edit / Internal CMU**				✓	
Color Space Conversions	✓	✓	✓	✓	✓
Color Gamut Diagram	✓	✓	✓	✓	✓
Color Trace			✓	✓	
Sync Tool - Automatic / Manual	✓	✓	✓	✓	
Cortex Manifest Data Tracking	✓	✓	✓	✓	✓
Traceback Media and Metadata			✓	✓	
VFX / EDL Pulls			✓	✓	
Edit Tool - Edit Functions, Slates, EDL Conform			✓	✓	✓[5]
Edit Tool – IMF, AS02, DCP Creation/Packaging				✓	✓[5]
Edit Tool - Dolby Vision™ IMF Creation and Metadata Editing**				✓	✓[5]
Edit Tool - ProRes Insert Editing				✓	✓[5]
Edit Tool - Dolby Atmos®**				✓	✓
QA Tool - Dead Pixel Detection	✓[6]	✓[6]	✓	✓	✓
QA Tool - Dead Pixel Correction				✓	
QA Tool - HDR & SDR Scopes / Color Gamut Diagram				✓	✓
QA Tool - Video and Audio Loudness Analysis with Graphs and Reports				✓	✓
QA Tool - QC Comments pinned to Timeline with Report				✓	✓
QA Tool - IMF Photron Validation				✓	✓
QA Tool - Dolby Vision™ - Playback & Metadata Validation included				✓	✓
QA Tool - Dolby Atmos® - Playback included				✓	✓
MTI HQ UpRes					
MTI – Samsung UpRes					
Dolby Digital™ Audio - Includes 5.1 , 7.1 and DolbyE - (Optional)					
Loudness Monitoring					
Loudness Correction - (Optional)					
Cortex Share - for Multiple Users					
Annual Upgrades and Maintenance	N/A	N/A	$1,995	$3,995	$1,495 (permanent license only)

OPTIONS	N/A	N/A	Dailies	Enterprise	QC
Dolby Vision™ - L1 Analysis / Metadata Track Editing / Internal CMU / Atmos®				$3,995	
Dolby Digital™ Audio - Includes 5.1, 7.1, and DolbyE				$1,095	
MTai SuperResolution UpRez - Annual License				$1,495	
MTai Frame Rate Converter - Annual License				$1,995	
MTai SuperResolution/Frame Rate Converter Bundle - Annual License				$2,995	
DVD - Automatically Authored			$995	$995	
Blu-ray - Automatically Authored			$1,995	$1,995	
HEVC			$750	$750	$750
MPEG DASH			$1,495	$1,495	
Annual CORTEX 24-Hour Site Support			$6,995	$6,995	

1. DIT is not licensed to read H.264, DVCPro/HD or MPEG2 codecs.
2. DIT+ is not licensed to read DVCPro/HD or MPEG2.
3. DIT is for playback only and does not provide encoding
4. DIT+ encodes ProRes, DnxHD, and H.264 up to 1920 x 1080

5. QC can create the package but not render it
6. DIT and DIT+ detect dead pixels on source clips only, not compositions with edits
* The Copy/Archive tool supports up to 3 destinations including LTFS LTO with MD5 Checksum or XXHash and multiple reports.
** Available with MTI's Dolby Vision Option.