

Vantage Flip64 2025.2 Release Notes

About This Release

This is a ComponentPac release for Vantage that includes new features, improvements, and bug fixes. The release build number is: 2025.2.5376.

These release notes are applicable to the Transcode and Transcode Pro option for Vantage. Refer to separate Version 8.1 / 8.2 release notes for Vantage Platform and other components of Vantage for additional information.

Note: This release is intended for Vantage 8.1 or Vantage 8.2.

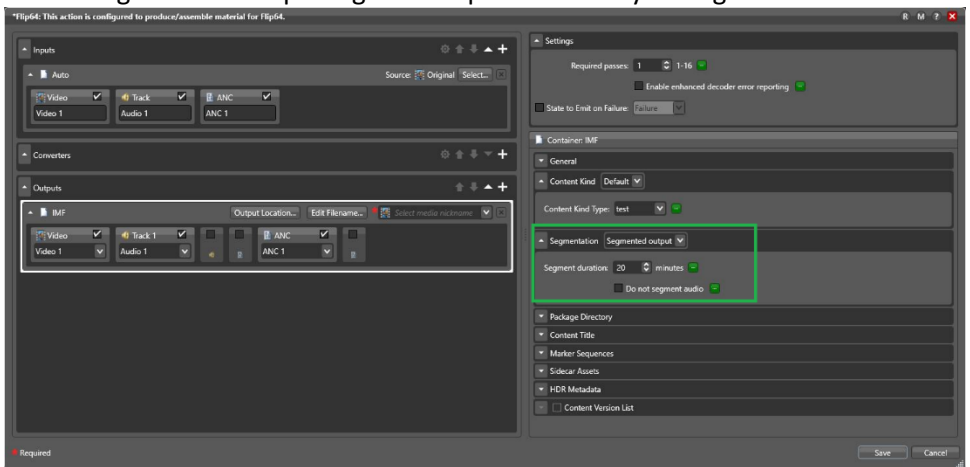
Note: Testing for this release was performed using Nvidia Driver versions 535.98 and 553.09. **Nvidia Driver versions 535.98 and 553.09 are only supported on Windows 2019 and higher.**

New Features in the 2025.2 Release

New Segmented IMF Packages

TXMF-9017

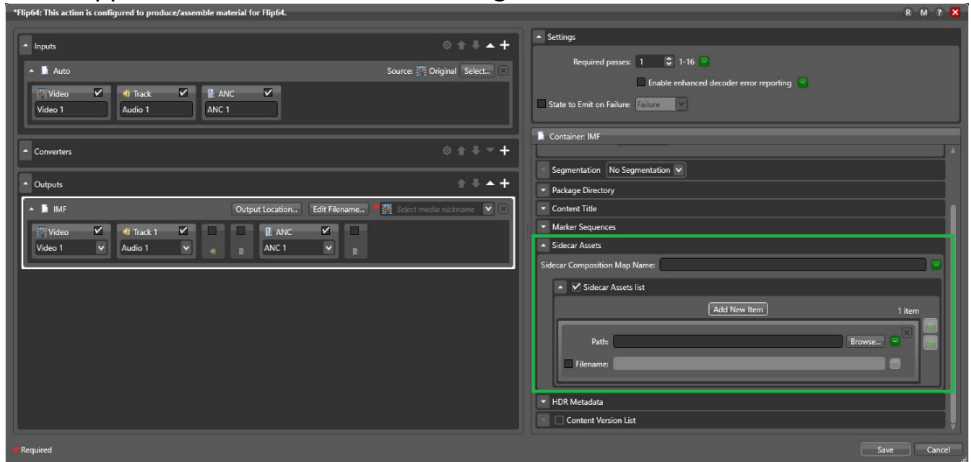
Added Segmented IMF packages to help with delivery of larger material:



New Support for Sidecar Assets in IMF Packages

TXMF-9299

Now support Sidecar Assets in IMF Packages:

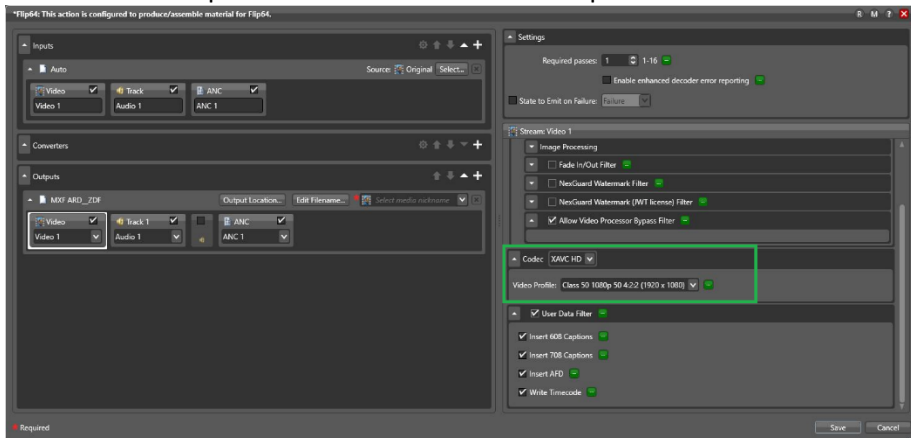


New ARD_ZDF_XDF-01a (XAVC-L50, 1080p50) for exchange and delivery

TXMF-9128

TXMF-9475

Added new MXF profile based on XAVC-L50 1080p50:

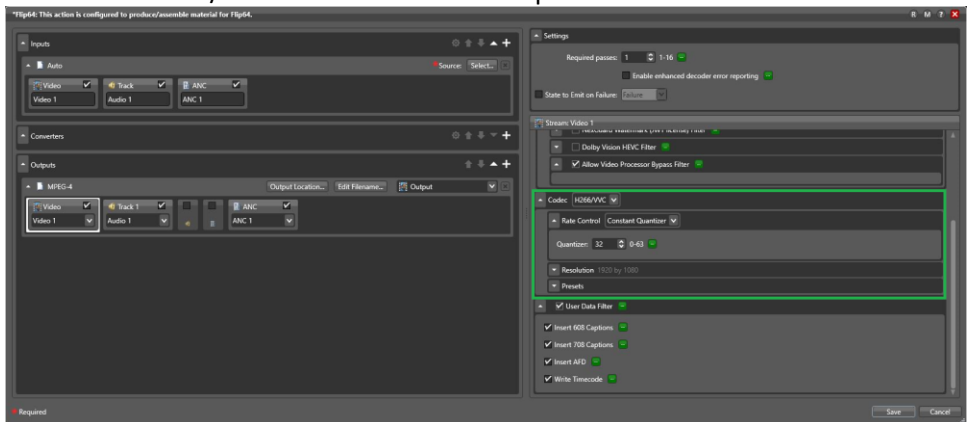


Also added support for Direct-Convert of the new XAVC-L50 1080p50 profile.

New H266/VVC codec (Beta release)

TXMF-7247

Added new H266/VVC codec to the MP4 output:



Note – This is a beta release of the H266/VVC codec.

Improvements and Fixes in 2025.2 Release

Improvements and Fixes	
TXMF-9467	Fixes – Issue with DNxHR 444 not outputting 12-Bit Depth.
TXMF-9451	Fixes – Issue with MP4 files from Sony FX3 not reporting S-LOG3 data after encoding.
TXMF-9445	Fixes – Issue with Keyframe output.
TXMF-9434	Improvement – Add metadata file browser to MXF AS-11 SD output.
TXMF-9424	Fixes – Issue with Grid failures when using DNxHD mov sources.
TXMF-9421	Fixes – Issue with Direct Convert HEVC TS to QuickTime.
TXMF-9420	Improvement – Added more space to the Selectable Time Code Burn-in Filter Overlay size.
TXMF-9418	Improvement – Added ability to write growing WAV files.
TXMF-9415	Fixes – Issue with AVC Ultra LongG 12 does not properly creating 436m with captions.
TXMF-9404	Fixes – Issue with selectable timecode burn-in filter using Time value.
TXMF-9390	Fixes – Issue with XDCAM transcode failure.
TXMF-9388	Fixes – Issue with HAP Alpha adding green lines.
TXMF-9383	Fixes – Issue with source files having leading spaces in the name.
TXMF-9380	Fixes – AVC-Intra UI, changed from 60fps to 59.94fps.
TXMF-9379	Fixes – Issue with DNxHR 444 not preserving Alpha.
TXMF-9375	Fixes – Issue with open XAVC files not working in Premiere.
TXMF-9373	Fixes – Issue with some MXF partition settings are not emitting an open output.
TXMF-9369	Fixes – Issue with Abekas Outputs are adding a frame or more of black to the end of files.
TXMF-9366	Fixes – Issue with XDCAM output shows quality issues for specific source files.
TXMF-9364	Fixes – Issue with SMPTE error for DCP audio track.
TXMF-9362	Fixes – Issue with transcoding R3D source files to QuickTime.
TXMF-9360	Fixes – Issue with DCP outputs not being SMPTE compliant.
TXMF-9359	Fixes – Issue with DCP DCI 2K Profile JPEG2000 guard bits.
TXMF-9354	Fixes – Issue with truncated transcodes of mpeg-4 isom files.
TXMF-9352	Fixes – Issue with Timecode Override Filter.
TXMF-9351	Fixes – Issue with QuickTime Animation Codec.
TXMF-9349	Fixes – Issue with QuickTime HAP codec.
TXMF-9342	Improvement – Added Bitrate control for DCI Profiles in DCP output.
TXMF-9341	Improvement – Added 1920x1080 resolution to DCI 2K Profile for DCP output.
TXMF-9333	Improvement – Allow the Auto input to process MOV files with APAC audio. Note – The APAC audio stream is now ignored.
TXMF-9331	Fixes – Issue with AVI sources resulting in output that is playing faster than real time.
TXMF-9329	Fixes – Issue with transcoding MP4 AVC source files to MXF AVCI 100 1080p50.
TXMF-9320	Fixes – Issue with MPEG-TS files transcoding to XAVC-LG.
TXMF-9319	Fixes – Issue with Alpha in Abekas Outputs.

TXMF-9308	Fixes – Issue with Keyframe Encoder.
TXMF-9306	Fixes – Issue Audio sync when using Media To Keep.
TXMF-9287	Fixes – Issue when encoding from SnapStream MPEG-TS sources.
TXMF-9282	Fixes – Issue with failure on odd frame rates.
TXMF-9257	Fixes – Issue encoding specific AVI source files.
TXMF-9255	Fixes – Issue with Abekas Decode not preserving alpha.
TXMF-9250	Fixes – Issue with CML Video Direct Convert.
TXMF-9246	Fixes – Issue with Keyframe output when using repeated keyframes.
TXMF-9237	Fixes – Issue decoding Sony PSP MPEG 4 files.
TXMF-9217	Fixes – Issue with JPG transcodes to MXF.
TXMF-9212	Fixes – Issue with 6K Sony Burano Raw Sources.
TXMF-9210	Fixes – Issue with decoding sources with AMR audio format.
TXMF-9202	Fixes – Issue decoding Omneon OP1a DV MXF files.
TXMF-9187	Fixes – Issue with A/V sync issues when processing CML source with 44.1KHz audio.
TXMF-9181	Fixes – Issue with Timecode discontinuity.
TXMF-9174	Fixes – Issue with Media To Keep with Generate Silence.
TXMF-9168	Improvement – Added Frame Count to Burn-in Overlay Filter.
TXMF-9158	Improvement – Added VBR mode to AAC codec.
TXMF-9157	Improvement – Added Selectable Timecode Burn-in Filters to Overlays.
TXMF-9156	Improvement – Added x265 to QuickTime codec.
TXMF-9151	Improvement – Improved error message for AVI Ross XPression when XPV Codec is not installed.
TXMF-9149	Improvement – Added Profile "Main 422 12" to x265.
TXMF-9140	Improvement – Replaced "X.264" with "x264" in error messages.
TXMF-9139	Improvement – Added "Ignore MXF roll out" to "Auto - Multiple Tracks" input reader.
TXMF-9131	Fixes – Issue decoding Matroska source.
TXMF-9129	Fixes – Issue with shifted colors when specific color filter combination are used.
TXMF-9125	Fixes – Issue with Transcode CML when Fusing and Trimming.
TXMF-9116	Fixes – Issue with XAVC Long 50 outputs not playing in Sony playout server.
TXMF-9107	Fixes – Issue with Cloud Hosted Workflow failing.
TXMF-9101	Fixes – Issue with IMF packages using HTJ2K failing Photon validation.
TXMF-9059	Fixes – Issue with decoding MP4 source files.
TXMF-9035	Fixes – Issue with rewrapping an AVC Intra 100 files.
TXMF-9028	Fixes – Issue with H265/HEVC transcodes.
TXMF-8978	Fixes – Issue with direct converted MP4 XAVC-L files via Transcode CML.
TXMF-8616	Improvement – Added decoding support for Newtec SHQ2 codec.
TXMF-5117	Improvement – Added ability to ingest GoPro Time lap jpgs.

Known Issues in This Release

The following are known issues in this release, which may be fixed in a future version.

Numa utilization and job performance differences in machines that have 96+ virtual cores (48 without hyper-threading)

This can be resolved by using OpenCL version 18.1 or newer (TXMF-7444). When updating OpenCL versions, a machine restart is required.

Known NVIDIA Lightspeed GPU encoder issues:

Flip64 actions that use an older version of the Lightspeed GPU encoder are not upgradeable to the new version of the NVIDIA Lightspeed GPU encoder. If you wish to use the new encoder, you will have to remake those Flip64 actions.

There is also a change in the GOP length limitation in the new encoder. The old encoder had a GOP Length maximum value of 1024 (GOP Length option under Codec Configuration). The new encoder has a GOP Length maximum value of 1000 (Max IDR-frame Interval (GOP length) option under Frame Type).

Tachyon Deterministic Mode limitations

There are some known limitations of this feature:

$\text{abs}((\text{src framecount} * \text{framerate_conv_factor}) - \text{output frame count})$ must be less than 5 frames. We recommend that users only adjust the output frames by + or – 1.

Media Expansion Converter and Discontinuous Timecode

There may be cases where use of the Media Expansion Converter will produce discontinuous timecode due to inserted media. In the future there may be more options to control this behavior.

Using Multi-Pass Encoding with x265

Multi-pass encoding in x265 is currently limited to two passes. Attempting more passes will result in an error.

Two Pass Encoding and Open Workflows

When two pass encoding is enabled in Vantage, actions may not be used in 'Open Mode'. An action in the Open Workflow mode which attempts a two-pass encoding will hang and does not provide an error that two pass encoding is not supported.

FFV1 Encoding may fail when Flip64 is in Cloud Mode

FFV1 encoding of long form content may fail when Flip64 is in Cloud Mode. With Flip64 8.0.8 and later, Cloud Mode will be unavailable if FFV1 encoding is configured.

IMF Output custom track naming using segmentation fails Photon validation in Cloud Mode

IMF Packages that use custom track naming for video and audio with segmentation in Cloud Mode will fail Photon validation.

Fixed IDR-frame Interval (GOP length) added to x264 codec

The Fixed IDR-frame interval (GOP length) was added to the x264 codec but is not completely functional. The IDR frame will always be 30 frames regardless of the number of GOP seconds.