Vantage Post Producer 8.0.1 Release Notes

About This Release

Post Producer v8.0.1.302391 is a ComponentPac update for the Post Producer option for Vantage v8.0.

Note: This release is available for customers with current maintenance as of January 1, 2021. If your maintenance expired before that date, please do not install this ComponentPac as it could cause some portions of Vantage to cease functioning.

Note: If you are using a Lightspeed Gen 1 system to process Post Producer jobs, note that these servers have limited GPU capacity compared to current generation Lightspeed models. If a job using the Lightspeed acceleration mode fails with a GPU memory error, use the Multicore mode or the Intel OpenCL mode for processing the job.

Note: Post Producer lightspeed VPL requires the NVIDIA 354.56 or later driver (if qualified by Telestream) for proper GPU performance on Windows Server 2012 R2. The installer can be downloaded from this location: http://www.nvidia.com/download/driverResults.aspx/96650/en-us

New in this Release

PP-3693 – Adds an option to configure Conform in Two-Layer mode. Two-Layer Mode will limit Conform to generate outputs that contain only one or two layered video compositions. This option can be used when Conform is configured in Cloud Mode to reduce per-minute pricing.

PP-3683 – Adds support for rendering Scalable Vector Graphics (SVG). SVG XML can be used directly in CML, or an SVG file can be referenced in a CML, to define graphics which Conform will render in the composition output.

PP-3893 – Adds a new Composer which allows transforming a text file with a list of files into a CML for Conform.

PP-3901 – Adds support for SDR/HDR color conversion with a new Color Space Filter in the Transcoders configuration.

PP-3673 – Adds support for decoding SMPTE DCP packages.

PP-3680 – Adds support for decoding DPP IMF Packages.

PP-1876 – Improves decode and encode support for Comprimato JPEG2000 GPU acceleration.

PP-3468 – Adds support for Constrained Bytes per GOP to XAVC 4K Intra Codec.

Resolved Issues in This Release

PP-3386 - The Nexguard QC File Reader is not able to decode watermark data from the output of Conform when transcoding with the NexGuard filter with certain Comprimato JPEG2000 profiles. This only occurs when using older Lightspeed servers with sources of under 5 min. duration.

PP-3515 – Post Producer jobs with "AVC Intra" set as the encoder option may fail with "Object reference" error.

PP-3516 – When using Post Producer's built-in title capabilities, a Blank Title at the Title Element may cause Conform to fail.

PP-3168 – Resolves an issue where the HDR Metadata controls are not working in the X265 Transcoder.

PP-3837 – Resolves an issue where the Colocate path is case sensitive and it should not be.

PP-3512 – Resolves an issue where Conform's HDR ColorSpace is not on the new Vantage ColorSpace filter system.

PP-3660 – Resolves an issue where AVC Intra transcodes may fail.

PP-3279 – Resolves an issue where JPEG2000 IMF decodes resulted in increased black levels.

PP-3683 – Resolves an issue where Canvas element was ignored and did not function.

PP-3676 – Resolves an issue with text alignment differences between 8.0.0 and previous releases.

PP-3631 – Resolves an issue with poor quality Text Overlay introduced in 8.0.0.

PP-3799 – Resolves an issue where editing and overlaying multiple sources in a segment could result in inaccurate timing.

PP-3904 – Resolves an issue where Captions are being removed from ProRes QuickTime sources.

PP-3708 – Resolves an issue where a blank space in a CML String Variable would cause Conform to fail.

PP-3852 – Resolves an issue where Conform may fail with "GPU Out Of Memory" if Fill is set to Loop in the CML, or if Duration is incorrectly used for <Video>.

PP-3784 – Resolves an issue where Direct Converting XDCAM QuickTime inputs and Overriding Timecode will result in incorrect Start of Timecode.

PP-3782 – Resolves an issue where Conform fails if a UHD PNG image file is used as a source.

PP-3701 – Resolves an issue where Conform will create variable frame rate outputs when stitching 23.976 sources and using the Frame Rate Conversion Filter.

PP-3847 – Resolves an issue where Conform may fail when Direct Converting two or more sources in one segment with the same Tail.

PP-3645 – Resolves an issue where artifacts are seen in the output when MXF XDCAM sources are converted to MP4 x264 with Conform set to Cloud Mode.

PP-3797 – Resolves an issue where AVC Intra Transcoder is missing coded profiles.

PP-3758 – Resolves an issue where MPEG-2 outputs may have blocking or artifacts.

Known Issues in This Release

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

PP-3146 – Conform may not propagate VICT2 timecode in IMF GXF sources correctly.

PP-3384 – Running more than two (2) XAVC 4K Intra jobs may cause Conform to fail. Note that this may be expected behavior for legacy Lightspeed systems. If this condition occurs, fallback to running one (1) job at a time may be required.

PP-3406 – Comprimato workflows created in Post Producer 7.1.4 are unable to be upgraded to newer version ComponentPac's.

PP-3536 – When importing Final Cut Pro XML's from Adobe Premiere Pro that contain subtitles, unexpected and extended outputs may be produced by Conform.

PP-3569 – The Conform Action may fail if the font specified in the CML Title element is not found.

PP-3670 – Chronical action creates incorrect timing in mid-roll segments in the canoe csv outputs.

PP-3700 – Clear-Captions Attribute creates an extra 608 Caption Track on output.

PP-3781 – Post Producer actions may fail if Job Name contains illegal file characters: Under certain circumstances (for instance, if there is more than one nickname in use), actions that are part of the Edit service may crash when jobs are initiated via an SDK submission if the job name field contains illegal filename characters (ex: "a:b").

PP-3895 – Conform MXF video direct convert outputs with timecode override results in garbled MXF system item timecode.

PP-3896 – PNG sources with alpha channel may cause decode error.