

Release Notes for Post Producer in Vantage 6.2

About This Release

The Vantage 6.2 release is a minor release for the Vantage product family. For Post Producer, it includes several new features and addresses several issues from previous versions.

New Features in this Release

Center of Rotation – Users can now specify a center of rotation for overlays within the CML.

Transition Profiles – Fades can now have their “shape” defined (e.g.: “Linear” fade vs. “S-Curve”)

Frame Rate Speed-Up – Video elements can now specify a playback speed, either faster or slower than the original. One example use of this feature is to speed up credits at the end of a VOD movie asset.

TGA file decode – TGA sequences can now be used as video elements.

Motion Blur – Overlay elements may now have motion blur applied. Please use the ‘motion-blur’ attribute; higher numbers indicate a higher quality blur effect.

Installation in a Vantage Environment

Post Producer is installed as part of the Vantage 6.2 installation. The Vantage 6.2 installer offers several choices when installing components. Assure that Post Producer option is selected.

Note: If your maintenance has expired and you upgrade your Vantage system, it will not function after the upgrade. Vantage 6.2 requires you to obtain a new license from Telestream if your maintenance expiration date is **January 6th, 2014** or earlier. Your maintenance expiration date can be found in the Licenses section of the Vantage Management Console, or you can contact license@telestream.net to verify that your maintenance is current and to obtain the new license.

! NOTE: Please test before upgrading your production environment

It is always advisable to run a separate copy of this new build, staging your production workflow in a test environment, before updating your Vantage production server. Telestream can provide you with a limited license in order to configure and qualify this new release in a test environment prior to upgrading your production server. For assistance email Telestream Support support@telestream.net or call our technical support team at 877-257-6245 (North America), +1-530-470-2036 (Europe, Africa and the Middle East) or +1 530-470-1300 (International)

Guidelines for Programming Post Producer

Post Producer CML is an XML schema for describing video timelines. The following list outlines a number of hints that will make programming Post Producer easier.

1. UNITS – always specify units when defining values in CML. Post Producer will default to percent (%) if units are not specified and can be confusing. For example setting an audio level change by using the command:

`<Volume level="50%"/>` will cut the output level in half.

`<Volume level="50"/>` will raise the output level 5000 times.

2. Graphic overlays may be present, but placed off screen depending on output resolution settings and that of the graphic. Be sure to set the graphic layout parameter to “stretch” if creating multiple resolutions from the same CML description.
3. Content advisory encoding (Vchip value) is established for the entire output clip with the first declaration of the Advisory material. The graphic must be located and sized for each segment on which it is to be applied.
4. .an2 files with in-line prefilter override commands cannot be converted to CML with the Compose action.
5. Image rotation occurs around the top, center of the image, including any transparent alpha channel content. Therefore, be aware of transparent alpha channel data when rotating and relocating images. The top left corner of the image may not be visible.
6. Use anti-aliased fonts when configuring the title tool to improve image quality.
7. CML templates that can be reused as templates within Vantage workflows can be created by passing Vantage variables and nicknames into CML documents. References are passed by placing nickname and variable names that are defined in Vantage workflows into the CML with specific tags:

`{#nickname}`

`{$variable}`

8. It is necessary to configure the conform action for setting or passing metadata through the action. Settings for, AFD flag value and copy protection are set statically for the workflow. Closed captions and content advisory accept information from the CML file, but must be enabled.
9. Audio channel mapping requires configuration of the Conform action. Enable the channel map filter and set the output mapping to match the CML settings.
10. Post Producer manages all audio as channels so source track configuration must be known beforehand and channel mapping specifies the channel configuration (ie left and right channels of a stereo pair) as well as setting the language tag of the output.

Fixed in this Release

GIR-6766 – fixed issues when conforming multiple audio track inputs

GIR-7439 – fixed issue with anti-aliasing using Post Producer text generation

GIR-7645 – fixed issue where Dolby E audio would “pop” at cuts

GIR-7646 – fixed crash when using a video overlay and holding the last frame

GIR-7652 – fixed issue with distorted video after rotation

GIR-7818 – Opacity / fade duration was not being applied to image sequences

GIR-7951 – Post Producer will now correctly align captions between an SCC file and an MXF input

GIR-7993 – Post Producer now correctly reads captions from MXF XDCAM sources

GIR-6867 – Output flickers and colors are no longer distorted when opacity is specified without % units

Known Issues

The following have been reported in this release:

- GIR-6869 - Percentage values used for rotation are being treated similar to degree values
Workaround: Specify rotation in degrees.
- GIR-7487 - Conform fails when a content advisory is specified, but no image location is specified.
Workaround: specify the image location. Overlay is not required in the output.
- GIR-7490 – Xdcam HD MOV referenced in CML has inclusive outpoints instead of exclusive when using absolute timecode resulting in incorrect output duration.
Workaround: Add on frame to desired CML outpoint settings of XDcam HD in QuickTime wrappers
- GIR-7491 - does not support DNxHD material with audio that has multipart edit list within the QT container
Workaround: Conform audio in source file.
- GIR-7564 - Variable names not fully parsed when passing to CML document.
Workaround: make certain that all variables in the job are completely unique. For example, do not use Begin and BeginTimeCode if you wish to pass BeginTimeCode to the CML document. Instead, use Begin and StartTimeCode to name the two variables.