

Release Notes for Transcode IPTV VOD in Vantage 6.0

About This Release

The Vantage 6.0 release includes a new release of Vantage Transcode IPTV VOD. This product is specifically designed for generating Transport Stream files with MPEG-1, MPEG-2 and H.264 video.

For more detailed information about the Vantage 6.0 release, including system requirements, please see the Vantage 6.0 release notes.

Installation in a Vantage Environment

Updated Transcode IPTV VOD components are automatically installed as part of a Vantage 6.0 installation.

Note: If your maintenance has expired and you upgrade your Vantage system, it will not function after the upgrade. Vantage 6.0 requires you to obtain a new license from Telestream if your maintenance expiration date is **September 1st, 2013 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)

New Features in this Release

608 to 708 caption up-conversion – fully populated 708 caption packets can be inserted into the output from sources that have only 608 data

Fixed in this Release

The following reported issues have been verified as fixed in the Vantage 6.0 release:

- GIR-7144: Fixed uninstall issues
- GIR-7310: IPTV VOD action can now decode Mpeg2-PS w/ AAC audio
- GIR-5562: Corrected Image Overlay timing and position
- GIR-7010: IPTV VOD action can now decode PCM audio from a TIFO files with IPTV VOD
- GIR-6370: Added “DVB Style” PMT Descriptor for AC3 to the IPTV/VOD Transcoder
- GIR-6472: Fixed issues reading certain Mpeg 2 Transport Streams
- GIR-6434: Fixed issue with Audio Channel mapping when using Flip decoder
- GIR-6130: Fixed issue reading certain GXF files
- GIR-6678: Fixed issue when doing audio correction and making Stereo AC3 outputs
- GIR-6393: Fixed failure with A/53 enabled with SCC insertion
- GIR-5777: Added DVB AU metadata option
- GIR-6242: Encoder now propagates captions from TIFO sources
- GIR-6313: Improved Mpeg2 encoding quality
- GIR-6359: Fixed A/V sync issues when using Insert Video Filter twice
- GIR-5847: Media Trimming is now frame accurate
- GIR-6033: SCC files can now be referred to by Nickname
- GIR-6491: Outputs from Syntactic container type are now as expected
- GIR-6106: Fixed color issues when using MainConcept H.264 encoding
- GIR-5745: Fixed color issue with specific MOV source
- GIR-7445: Fixed direct convert of 720p60 MPEG2 LXF to Manzanita TS
- GIR-7009: H264 direct convert from MP4 to Manzanita MPEG-TS now completes
- GIR-7411: IPTV VOD action can now decode its own output files
- GIR-7172: Fixed color issues for Image overlays
- GIR-5754: Improved error messages for unsupported audio configurations
- GIR-7103: Can now use Tifo sources with AC3 audio
- GIR-6645: Fixed “missing audio” issue
- GIR-5796: Fix decode of specific MXF XDCAM HD 4: 2: 2 source file using Auto input
- GIR-5966: VOD AAC audio @ 256kbps now available
- GIR-5960: Bindable language tags are now supported
- GIR-6383: MPEG2 PS sources with AC3 audio are now supported
- GIR-7017: Fixed decode of specific AVC source
- GIR-7019: Fixed closed caption preservation when going from 2997 to 23976
- GIR-6432: Added support for reading QuickTime caption tracks with the QuickTime input
- GIR-6466: Aspect Ratio is now correctly preserved from source to output
- GIR-6464: SCTE 20 CC data is now correctly inserted

- GIR-6908: x264 command line parameters are now parsed correctly

Known Issues

IMPORTANT → GIR-7463 – The IPTV VOD action will fall back to using the Flip decoder for certain file types in Auto mode, or if the “Flip Decoder” input is selected. Actions using the Flip decoder will fail unless the file *VirtualDecoder64.ax* is registered manually. The error will report as “Reader (DirectShow) failed to read the input file”. To correct this, please run the following command from the command line (you do not need to restart the Vantage services):

```
regsvr32 "C:\Program Files x86)\Telestream\Transcode\bin\VirtualDecoder64.ax"
```

The following new issues have been reported since the Vantage 5.0 Release:

- GIR-7577: Using the CableLabs pre-sets do not generate CableLabs-compliant files. Please contact Telestream Support for the appropriate settings to create CableLabs output files.
- GIR-7514: MXF Input Type has limited format support; please use the Flip Decoder if the MXF input type does not work
- GIR-7408: PCM audio is not being read correctly from certain QuickTime sources containing ProRes with PCM
- GIR-7404: Outputs from sources at 23.976 only has a 708 track (source only has a 608 caption track); 608 captions are not preserved and are instead up-converted to 708
- GIR-7389: Color shift when encoding BluRay AVC to X264 IPTV multipass
- GIR-7271: Avid DNxHD MXF files will not transcode with MXF input type
- GIR-7173: Progress reported inaccurately for GXF sources when “Media to Keep” option is enabled
- GIR-6548: IPTV/VOD encoder crashes when creating open GOP x264 and having Lightspeed Pre-analysis checked
- GIR-5844: Certain WMV sources fail with Flip input type
- GIR-6770: The “Run as 32 bit process” checkbox does not work and should not be used

The following reported issues from the Vantage 5.0 release that have not been verified as fixed in Vantage 6.0:

- GIR-5869: It is possible to configure invalid combinations of audio bit-rate and number of channels in the user interface, causing the action to fail
- GIR-5839: User Interface allows creation of 1920x1080 interlaced video at frame rates higher than 30fps, causing the action to fail