

Release Notes for Transcode Multiscreen in Vantage 6.0

About This Release

The Vantage 6.0 release includes a new release of Vantage Transcode Multiscreen. This product is specifically designed for generating Adaptive Bit Rate file packages.

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 Multiscreen 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)

Fixed in This Release

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

- GIR-6149: AAC bit-rate is no longer limited to 320kbit/sec
- GIR-6371: Fixed decode of AS02/JPEG2000 sources
- GIR-6278: File with mixed PCM and DolbyE in audio stream as input now transcodes correctly
- GIR-5964: Deploy no longer fails if it is used downstream from an HLS Multiscreen action and a source with a space in the name is submitted
- GIR-6246: Fixed issue with trans-muxing certain MP4 sources to HLS outputs
- GIR-6024: Lowered minimum video bit rate and frame size in Multiscreen
- GIR-6177: Encode to MPEG4 x264 flip no longer fails
- GIR-6028: MPEG4 x264 outputs no longer exhibit color issues
- GIR-6873: Multiscreen LXF Decoder will preserve captions
- GIR-5796: Fix decode of specific MXF XDCAM HD 4: 2: 2 source file using Auto input
- GIR-6383: MPEG2 PS sources with AC3 audio are now supported
- GIR-7017: Fixed decode of specific AVC source
- GIR-6093: Auto input no longer fails on specific Mpeg2 PS sources
- GIR-5961: Multiple DolbyE decodes in one Multiscreen action now succeed
- GIR-5897: Vantage Multiscreen can now ingest AAC audio files
- GIR-6062: When creating multiple streams the Constant Rate Factor settings are now correctly observed for all streams
- GIR-6908: x264 command line parameters are now parsed correctly
- GIR-5374: LXF decode no longer hangs on specific sources
- GIR-5562: Corrected Image Overlay timing and position
- GIR-7144: Fixed uninstall issues
- GIR-6472: Fixed issues reading certain Mpeg 2 Transport Streams
- GIR-5966: AAC audio @ 256kbps now available
- GIR-5960: Bindable language tags are now supported

Known Issues

IMPORTANT → GIR-7463 – The Multiscreen 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 have been reported in this release:

- GIR-7514: MXF Input Type has limited format support. Please use the Flip decoder for broader MXF ingest support.
- GIR-7479: Encode either fails or hangs with specific Mpeg2 Transport Stream sources
- GIR-7296: Certain WMV files ingest in Flip action but don't ingest when selecting "Flip" or "Auto" in Multiscreen
- GIR-7291: Larger than expected output file size when encoding to MP4 for some sources
- GIR-6831: Vantage MS Smooth Streaming fragmented mp4 has playout issues on the Microsoft Mediaroom platform
- GIR-6140: Captions in x264 1280x720 60p in Apple HLS MPEG-2 Transport Stream container are garbled

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

- GIR-6528: Issue scrubbing HLS outputs with Verimatrix DRM
- TXHE-583: MP4 output files will not play on the Motorola Xoom
- GIR-6530: Microsoft Smooth Streaming Outputs do not support multiple video streams with the same bit rate