

About This Release

This release is a ComponentPac release for Vantage that includes new feature and bug fixes. The release build is: #2023.1.0.263.

These release notes are applicable to the Analysis options for Vantage. Refer to separate Version 8.0/8.1 release notes for the Vantage Platform and other components of Vantage for additional information.

Note: This release requires Vantage 8.1 (or later) or Vantage 8.0 UP5 (or later).

Note: For Vantage 8.0 systems that cannot use UP5, use UP4 along with patch – Vantage_8_0_ComponentPac_Upgrade_Patch_Setup(8.0.958.135).

Note: When installing this ComponentPac, the Vantage Management Console will give a popup warning saying that this ComponentPac is designed for a future version of Vantage. This warning is triggered by the new versioning Telestream is using and will not cause issues. This warning has been removed in Vantage 8.1 UP1.

Major Analysis Feature in this Release

- **ALYZ-646** – Added Netflix's VMAF video quality assessment algorithm to Analysis. VMAF is an Emmy-winning perceptual video quality assessment algorithm developed by Netflix. This new feature includes a VAMF Threshold Score which allows for detection of frames below a given VAMF score and outputs the results in both a GLIM Clip List and Analyze Result xml file.

Note: The new VMAF Filter requires Analyze Pro license

- **ALYZ-1140** – Added Enhance Analyze reporting to now report additional XML element (source file name and path).

Fixed or New in this Release

- **ALYZ-1355** – Improved detection of SCTE 104 marks in the DAI xml report.
- **ALYZ-1349**– Fixed issue with MPEG-PS files created with Adobe Media Encoder V 23.1 are getting false 0 counts of Audio tracks and channels from the Media Properties filter.
- **ALYZ-1348** – Fixed issue with generic transcoder error in Analyze Cloud Port mode for certain files.

- **ALYZ-1335** – Fixed issue with some Grass Valley GXF files not getting any audio track/channel data.
- **ALYZ-1339** – Fixed issue with some QT sources not being able to be processed by Analyze.
- **ALYZ-1276** – Dolby Vision XML 5.1.0 and L11 metadata now supported in the Dolby Vision Metadata filter.

Known Issues in This Release

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

Comparison of JPEG 2000 Sources

There is a regression in this release that prevents successful use of the Compare action with sources containing J2K encoding. This issue does not affect the Analysis action's ability to use SSIM or PSNR in combination with J2K sources.

Extraction and Conversion of Caption/Subtitle Data

In some cases, there are issues with extraction of caption/subtitle data from sources to output formats such as SCC. This functionality is not enabled for use in Vantage Cloud Port and may be deprecated in future versions of Analysis. In general, in use cases where captions are being extracted and converted for consumption or delivery with media, Timed Text Flip is the recommended action.

Ancillary Data Detection: EIA-608 Captions Detected

Type 0 and type 1 caption data is no longer extracted from 708 captions when looking for 608 captions. EIA-608 Captions Detected now only returns true for 608 captions if there is 608 VBI or a 608 metadata element.

Multiple VMAF Filters in the same Analyze Action

Using more than one VMAF Filter in the same Analyze Action does not function. If multiple VMAF Filters are required, they must be used in separate Analyze Actions.