About This Release

This release is a ComponentPac release for Vantage that includes new feature and bug fixes. The release build is: #2024.1.177.

These release notes are applicable to the Analysis options for Vantage. Refer to separate Version 8.2/8.1/8.0 release notes for the Vantage Platform and other components of Vantage for additional information.

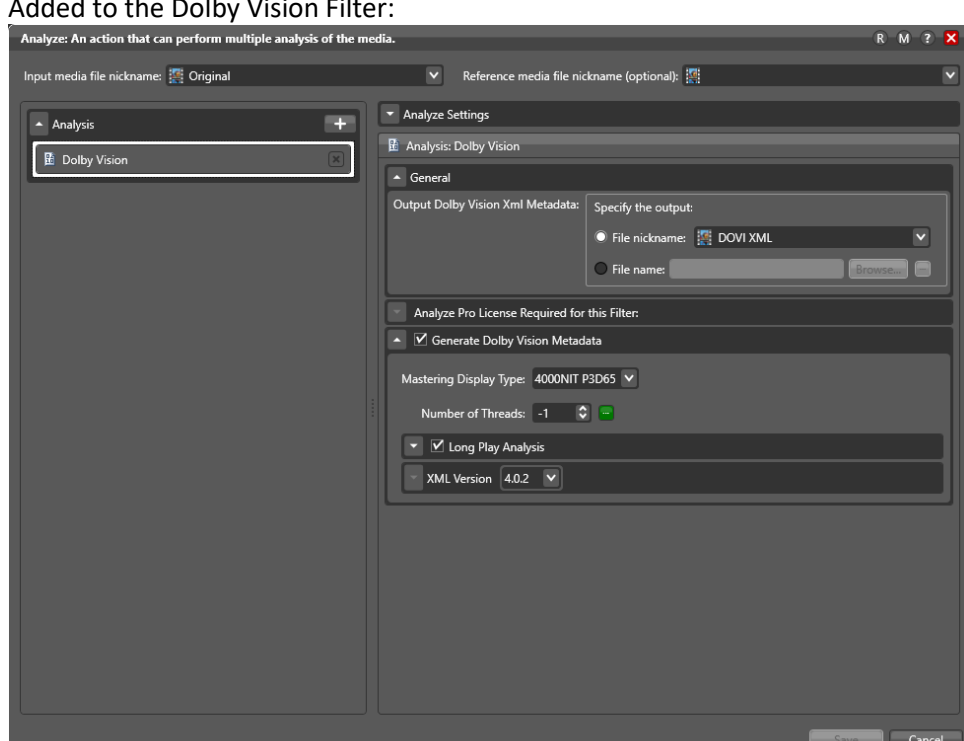**Note**: This release requires Vantage 8.2, Vantage 8.1 UP5 or Vantage 8.0 UP5.

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.

New Features in the Analysis 2024.1 Release

New Dolby Vision Metadata Generator	
ALYZ-1277	Added to the Dolby Vision Filter:

	The new Dolby Vision generator allows for the creation of a Dolby Vision metadata sidecar file from either J2K MXF or ProRes HDR10 sources. This Dolby Vision sidecar file can then be used by Flip64, IPTV, or Multiscreen to create Dolby Vision material. The Dolby Vision metadata generator creates either version 4.0.2 or version 5.1.0 metadata formats. **Note** – The Analyze Dolby Vision Filter requires both the Analyze Pro and the Dolby Vision license.
New Alpha Channel Detection	
ALYZ-818	Added the ability to detect the presence of an Alpha Channel in QuickTime, PNG, and AVI sources with Media Properties.
Improvements and Fixes	
ALYZ-1429	**Fixes** – Issue with some source files hang at 0% and stopping does not give back sessions.
ALYZ-1417	**Fixes** – Issue Analyzing SD Matrox AVI sources.
ALYZ-1411	**Improvement** – Updated Analysis container to use Ubuntu 22.04 base image.
ALYZ-1405	**Fixes** – Issue Analyzing AVI sources.
ALYZ-1404	**Fixes** – Issue with video related tasks failing on mp4 wrapped VP9 files.
ALYZ-1403	**Fixes** – Issue with corrupt files do not trigger service timeout.
ALYZ-1401	**Improvement** – Improved Light Level Filter performance on CPU.
ALYZ-1391	**Improvement** – Added support for Analyzing Ross XPression sources.
ALYZ-1358	**Improvement** – Added support to identify iPCM audio tracks in Media Properties.
ALYZ-1353	**Fixes** – Issue with Advanced Audio measurement crashing when start of active segment is included in the Analyze settings section.
ALYZ-1350	**Improvement** – Added the ability to detect Omneon Metadata Presence with Media Properties.

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.