About This Release

This release is a ComponentPac release for Vantage that includes new feature and bug fixes. The release build is: #2022.1.0.222.

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-1077** – Added new Timecode Analysis Filter. This new filter allows for the detection of specific timecode types or allows for detection of any timecode found in the source.

- **ALYZ-1296** – Added "First Frame Metadata Description" to Ancillary Data Detection Filter. This will show the available timecode types from a given source.

Fixed or New in this Release

- **ALYZ-1247** – Add capability to read SMPTE 328 timecode.

- **ALYZ-1222** – Fixed issue with Analyze failing to read some MP3 source files.

- **ALYZ-1231** – Fixed issue with Advanced Audio Measurement behavior for specific sources/channel tagging.

- **ALYZ-1230** – Fixed issue with Advanced Audio Measurement failing with timeout error for audio only sources.

- **ALYZ-1219** – Fixed issue with Advanced Audio Measurement behavior for non-existing channels.

- **ALYZ-1198** – Fixed issue with Dialog Loudness Measurement failing for specific sources/channel mapping.

- **ALYZ-1196** – Fixed issue with Advanced Audio Loudness Measurement being incorrect for second audio stream.

- **ALYZ-1195** – Fixed issue with Advanced Audio Loudness Measurement being incorrect for Transport Stream files with DVB Teletext created by IPTV.

- **ALYZ-1128** – Fixed issue with Advanced Audio Loudness Measurement differs when having 'Active Segment' involved.

- **ALYZ-1229** – Fixed issue with ingesting Pinnacle Liquid MXF files.

- **ALYZ-1223** – Fixed issue with Analyze action times out after upgrading action that uses multiple filters.

- **ALYZ-917** – Fixed issue with Media Properties filter reporting 23.974 for 'Video Framerate' instead of 23.976.

- **ALYZ-1205** – Improved Analyze PSNR filter manual page for Normal Reference.

- **ALYZ-1090** – Added Documentation correlating integer and string values for parameters detected by the Color Data filter.

- **ALYZ-1271** – Improved performance where intermittently Analyze will return incorrect values for Audio Channel variables.

- **New Container Reader behavior** – The Container Reader in Media Properties filter now reports H264 for MPEG-2 Transport stream files where it had previously reported AVC.

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.