About This Release

This release is a ComponentPac release for Vantage that includes new features and bug fixes. The release build is: #8.0.5.152

This ComponentPac is intended to be installed with Vantage 8.0 Update Pack 4 or Vantage 8.1.

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.

Major Analysis Feature in this Release

− Added support for Dolby Atmos ADM BWF and MXF input formats for use with the Dolby Atmos Analysis Filter. Analyze now supports DAMF, ADM BWF and MXF Dolby Atmos input formats.
Note: Dolby Atmos requires the V-OBJECTAUDIO-SW and Analysis Pro license.

− Added the capability to extract camera rotational metadata for video (for example captured via mobile phones with rotation sensors) in Media Properties allowing for use in Vantage Cloud Port mode.

Fixed or New in this Release

− Added the ability to detect Interlacing Detection of 4:1 Pulldown Cadence.
− Added the ability to report the seconds of composition time that have elapsed when a failure occurs.
− Resolved an issue with unable to return video bitrate of J2K source files.
− Resolved an issue with reference errors in ancillary data detection with certain MOV source files.
− Resolved an issue causing duplicate metadata when extracting Dolby Vision metadata.
− Resolved an issue with WebVTT outputs being corrupted.
− Resolved issues with Aspect Ratios when analyzing MXF DVCPRO sources.
− Resolved an issue with the active video region in PAL.
− Resolved an issue with failing to analyze Masstech MXF Mpeg-2 source files.

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.