

## Vantage Analysis 2025.2 Release Notes

### About This Release

This release is a ComponentPac release for Vantage that includes new features and bug fixes. The release build is: 2025.2.590.

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

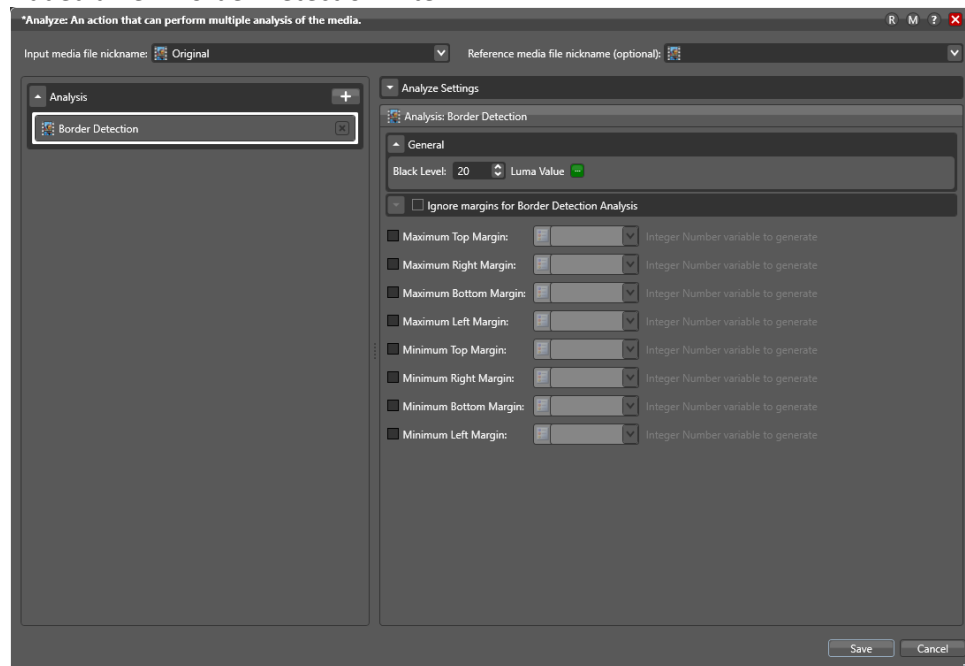
**Note:** This release is intended for Vantage 8.1, 8.2 or 8.3.

### New Features, Improvements, and Fixes in the Analysis 2025.2 Release

#### New Border Detection Filter

ALYZ-1306

Added a new Border Detection Filter:

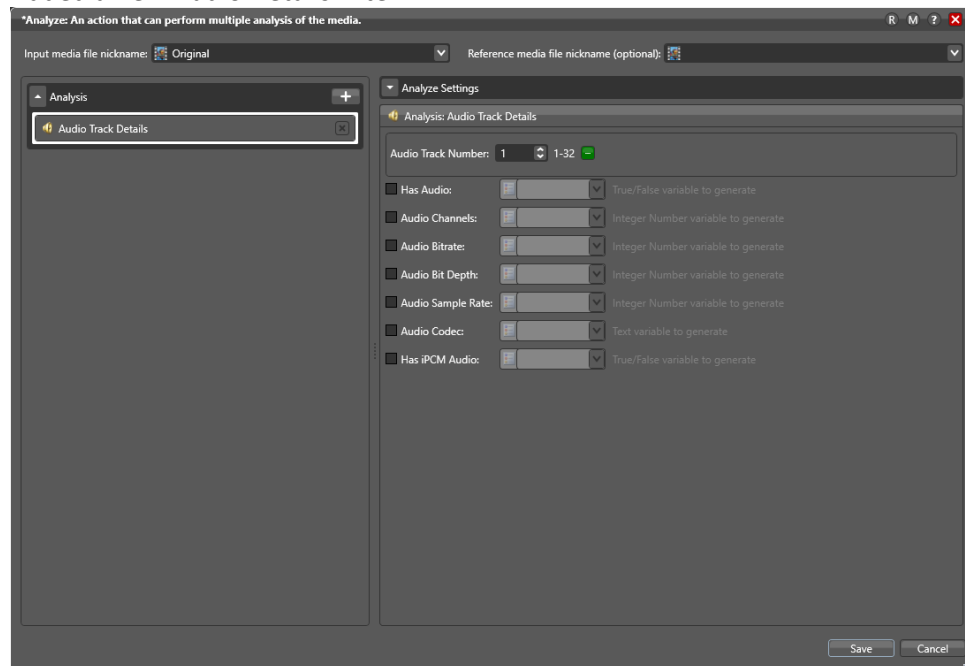


The Border Detection Filter reports the Maximum and Minimum Top/Bottom/Left/Right borders. The filter also generates an xml report that shows any border changes on a frame basis.

## New Audio Details Filter

ALYZ-1492

Added a new Audio Details Filter:



The new Audio Details Filter will analyze the audio on individual audio tracks and report audio channels, bitrate, bit depth, etc.

## Improvements and Fixes

ALYZ-1513

**Improvement** – Added Video Bit Depth to Media Properties Filter.

ALYZ-1512

**Fixes** – Issue with png images reporting framerate of 29.97.

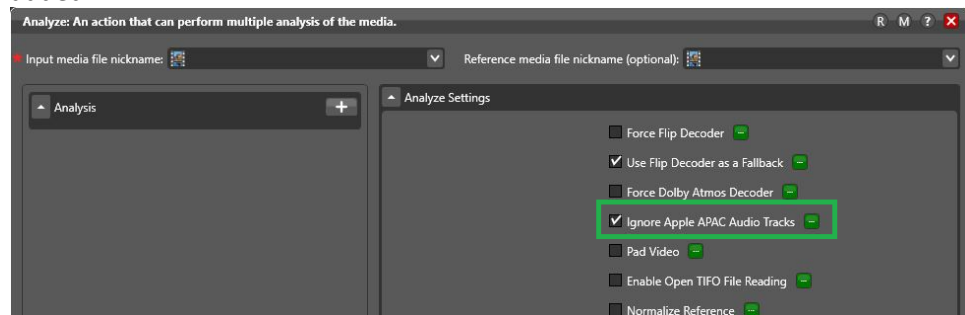
ALYZ-1509

**Fixes** – Issue with MOV source not decoding.

ALYZ-1507

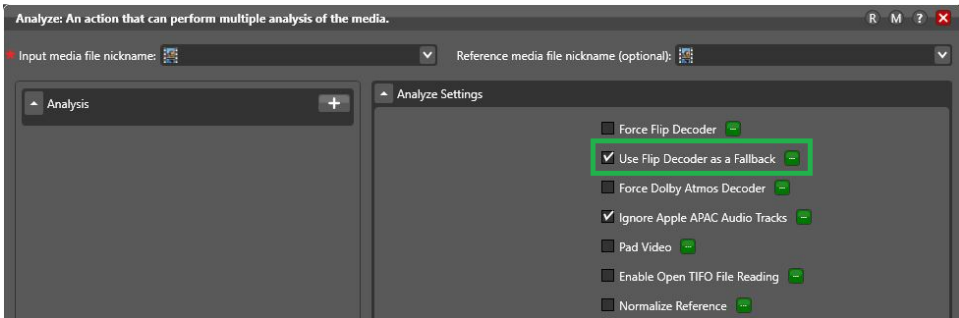
ALYZ-1490

**Fixes** – Issue with processing sources with APAC audio. A new UI control was added:



By default, this control is enabled. When disabled it allows processing of APAC sources by the Audio Details Filter.

**Note** – Sources with APAC audio will also have an AAC audio track which is what will be used when the “Ignore Apple APAC Audio Track” is enabled.

<b>ALYZ-1505</b>	<p><b>Fixes</b> – Issue when trying to Analyze File properties for an XML (non-media) file. A new UI control was added:</p>  <p>When enabled Analyze will first use the Telestream Media Framework decoder, if that fails it will then fallback and use the Flip Decoder. When disabled Analyze will only use the Telestream Media Framework decoder. XML and non-media files are typically decoded by the Flip Decoder.</p>
<b>ALYZ-1503</b>	<b>Fixes</b> – Issue with Light Level Filter failing with ProRes HQ HDR10 source files.
<b>ALYZ-1502</b>	<b>Fixes</b> – Issue with MP4 files from Sony FX3 not reporting S-LOG3 data.
<b>ALYZ-1497</b>	<b>Fixes</b> – Issue with reading MP4 files.
<b>ALYZ-1491</b>	<p><b>Improvement</b> – Added Duration_Start to General and the Text streams in MediaInfo for analysis of STL files.</p> <p><b>Note</b> – This change requires Vantage 8.3.</p>
<b>ALYZ-1486</b>	<b>Improvement</b> – Added VCHIP detection in the Ancillary Data Detection Filter.
<b>ALYZ-1481</b>	<p><b>Fixes</b> – Issue with MediaInfo not extracting timecode data.</p> <p><b>Note</b> – This change requires Vantage 8.3.</p>
<b>ALYZ-1476</b>	<p><b>Improvement</b> – Added Conformance Error option in General Tab in MediaInfo.</p> <p><b>Note</b> – This change requires Vantage 8.3.</p>
<b>ALYZ-1439</b>	<p><b>Improvement</b> – Add "ColorSpace_ICC" to Image stream in MediaInfo.</p> <p><b>Note</b> – This change requires Vantage 8.3.</p>
<b>ALYZ-1434</b>	<b>Fixes</b> – Issue with Analyze Cadence report detecting Telecine Cadence change on every frame
<b>ALYZ-1422</b>	<p><b>Improvement</b> – Added the ability for re-naming the Dolby Vision xml report file generated by the Dolby Vision Filter.</p> <p><b>Note</b> – This change requires Vantage 8.3 and is only supported on-prem.</p>
<b>ALYZ-1376</b>	<b>Fixes</b> – Issue with Ancillary Data Detection and QuickTime ProRes sources with empty 708 Captions track.
<b>ALYZ-1345</b>	<b>Improvement</b> – Add Support for ITU-1770-4 with Advanced Audio Measurement Filter.
<b>Note</b>	<b>Change</b> – With the Vantage 8.3 release MediaInfo was updated to version 25.04.

## 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.