



# Avid Support in Vantage

Vantage has integrated support for processes that utilize Interplay | Production from Transfer Engine Send to Playback Service Export <sup>1</sup> to Vantage, Interplay Advanced Encoder, AAF Encoder and Interplay Web Services Check-in. This functionality has been tested within specific Vantage releases to work with the following Avid Interplay | Production release versions.

Use this document to understand which combinations of Avid Interplay have been tested with particular versions of Vantage.

## Vantage Support <sup>1</sup>

Vantage's Interplay Advanced, AAF Encoder, and Notify components have been tested with the following Avid Interplay | Production components (see [Vantage's Avid Integration Guide](#) for more details on using Vantage in Avid environments):

**Interplay Advanced Encoder**

	Interplay v2.5	Interplay v2.6	Interplay v2.7	Interplay v3.0.5	Interplay v3.1 <sup>2</sup>	Interplay v3.2	Interplay v3.3	Interplay v3.4	Interplay v3.5	Interplay v3.6.0	Interplay v3.6.1	Interplay v3.6.2	Interplay v3.7	Interplay v3.8	Interplay 2017.2
Media Transcoder 2016.6 or later				■	■	■	■	■							
Media Transcoder 2016.9 or later									■	■	■	■			
Media Transcoder 2017.8 or later													■		
Media Transcoder 2018.2 or later															■

**AAF Encoder <sup>1</sup>**

	Interplay v2.2	Interplay v2.3	Interplay v2.4	Interplay v2.5	Interplay v2.6	Interplay v2.7	Interplay v3.0.5	Interplay v3.1 <sup>2</sup>	Interplay v3.2	Interplay v3.3	Interplay v3.4	Interplay v3.5
Media Transcoder 2012.3 - 2013.1	■	■	■	■								
Media Transcoder 2013.2 - 2013.5				■	■							
Media Transcoder 2013.16 - 2014.7					■	■	■	■	■			
Media Transcoder 2014.14 and later						■	■	■	■	■		
Media Transcoder 2015.9 or later							■	■	■	■	■	
Media Transcoder 2015.14 or later							■	■	■	■	■	■

**Notify**

	Interplay WS 2.2	Interplay WS 2.3	Interplay WS 2.4	Interplay WS 2.5	Interplay WS 2.6	Interplay WS 2.7	Interplay WS 3.0.5	Interplay WS 3.0.9 <sup>2</sup>	Interplay WS 3.1	Interplay WS 3.2	Interplay WS 3.3	Interplay WS 3.4	Interplay WS 3.5
Vantage 5.0	■	■	■	■	■	■							
Vantage 6.0 / 6.2 / 6.3 / 7.0	■	■	■	■	■	■			■	■	■	■	■

**Notify (continued)**

	Interplay WS 3.6.0	Interplay WS 3.6.1	Interplay WS 3.6.2	Interplay WS 3.7	Interplay WS 3.8	Interplay 2017.2
Vantage 6.3 / 7.0 / 7.1	■	■	■	■	■	
Vantage 7.1					■	

<sup>1</sup> **Important Note:** The Transcode Service's (FLIP) Avid AAF Encoder has been superseded by the Interplay Advanced Encoder. No additional Interplay | Production qualifications will be performed using the Avid AAF Encoder. All new qualifications, improvements and updates will be done using the Interplay Advanced Encoder.

<sup>2</sup> **Note:** Vantage/Interplay test environment - Interplay 3.1 with Interplay Web Services 3.0.9

Vantage Playback Service for Interplay | Transfer and Vantage Component for Avid Interplay Transfer Engine have been tested with the following Avid Interplay Transfer revisions (see [Vantage's Avid Integration Guide](#) for more details on using Vantage in Avid environments):

Vantage Playback Service for Interplay   Transfer	Interplay   Transfer v2.2	Interplay   Transfer v2.3	Interplay   Transfer v2.4	Interplay   Transfer v2.5	Interplay   Transfer v2.6	Interplay   Transfer v2.7	Interplay   Transfer v3.0.5	Interplay   Transfer v3.1	Interplay   Transfer v3.2	Interplay   Transfer v3.6.2
Vantage 5.0	■	■	■	■	■	■				
Vantage 6.0 / 6.2 / 6.3	■	■	■	■	■	■		■		
Vantage 7.0										■

Transfer Engine Ingest	Interplay   Transfer v2.2	Interplay   Transfer v2.3	Interplay   Transfer v2.4	Interplay   Transfer v2.5	Interplay   Transfer v2.6	Interplay   Transfer v2.7	Interplay   Transfer v3.0.5	Interplay   Transfer v3.1	Interplay   Transfer v3.2
Vantage 5.0	■	■	■	■	■	■			
Vantage 6.0 / 6.2 / 6.3	■	■	■	■	■	■			

Specific installers are available for **Transfer Engine Ingest to Interplay from Vantage** and **Transfer Engine Send to Playback Service Export to Vantage**.

*Note: Many updates and fixes for Vantage's Avid Encoders\* have been integrated into the latest Transcoder. When using the Avid Encoders\* within Vantage, always install with the latest released Media Transcoder. Contact Telestream Technical Support for the latest build.*

### Avid Editor Application support

Vantage has been tested in Interplay/ISIS/NEXIS and standalone environments with the following editor applications versions:

- Media Composer v6.5 (6.5.4)
- Media Composer v7.0 (7.0.2, 7.0.3, 7.0.4)
- Media Composer v8.2 (8.2.2, 8.2.4, 8.2.6)
- Media Composer v8.4 (8.4.0, 8.4.2)
- Media Composer 8.5 (8.5.0, 8.5.2, 8.5.3)
- Media Composer 8.6\* (8.6.1, 8.6.3, 8.5.4, 8.6.4, 8.6.5, 8.7, 8.8, 8.8.1, 8.8.2, 8.8.3, and 8.8.4)
- Media Composer 8.9\* (8.9.1, 8.9.2, 8.9.3, 8.9.4)

\* qualified with ISIS/NEXIS

**Important Note:** Avid Interplay components that are installed on the editing application must be updated to the Avid Interplay version that is released with the editing application. These include the Media Indexer, Interplay Access, Interplay Framework, Interplay Transfer Client and ProEncode Client.

For details, see the "Avid Editing Application Compatibility with Interplay Releases" doc on the Knowledge Base: [http://resources.avid.com/SupportFiles/Attachments/Interplay\\_Editor\\_Compatibility.pdf](http://resources.avid.com/SupportFiles/Attachments/Interplay_Editor_Compatibility.pdf)

### Avid ISIS Support

Vantage has been tested with the following versions of Avid ISIS: 4.7.3, 4.7.6, 4.7.8, 4.7.10, 4.7.11

### Avid NEXIS | PRO Support

Vantage has been tested with the following versions of Avid NEXIS | PRO: 7.1.0, 7.9.0.9, 7.10.0.10

### Networking Requirements for Avid ISIS/NEXIS storage

**Interplay Advanced Encoder:** The Vantage Interplay Advanced Encoder can create Single-Res or Multi-Res Avid media files. It utilizes Avid DLL libraries (AMT) to create the required MXF OPAAtom and AAF files, write these files to ISIS/NEXIS | PRO storage and check the asset into an Interplay PAM environment.

**Avid AAF Encoder<sup>1</sup>:** The Vantage Avid AAF Encoder<sup>1</sup> includes two modes of operations, Media Composer and Interplay. Both modes utilize Avid DLL libraries (AMT) to create the required files for supporting standalone edit operations (tested with Media Composer 6.5 and later) and file operations with an Interplay PAM environment.

**Network adapters for Vantage servers writing directly to Avid ISIS/NEXIS storage:** When a customer's Vantage workflow directly writes to Avid ISIS/NEXIS | PRO storage the following additional hardware/software requirements must be met:

#### Telestream supplied server:

##### Lightspeed Server

(Telestream Part # – Various, see current price list)

- Lightspeed's on-board 10GbE ports are approved by Avid for connecting to an ISIS or NEXIS storage system. Requires ISIS v4.7.11 or NEXIS | PRO v7.10.0.10 client software to be installed. Additional network adapter options are also available. See Avid approved adapter list below.
- ISIS/NEXIS client software must be installed

#### Customer supplied server:

These servers must meet current Vantage server specifications and be equipped with an Avid approved network adapter.

#### Avid approved adapters:

- 1GbE network adapter
  - Intel Pro 1000 PT or MT adapters
  - Intel i350-T2 –Dual adapter
  - Intel PRO 1000 PF adapter
- 10GbE network adapter - MYRICOM 10G-PCIE-8B-S+E and 10G-PCIE2-8B2
- Lightspeed Server's on-board Intel X540 10GbE Requires ISIS v4.7.11 or NEXIS | PRO 7.10.0.10
- ISIS/NEXIS client software must be installed (1Gb or 10Gb respectively)

<sup>1</sup> **Important Note:** The Transcode Service's (FLIP) Avid AAF Encoder has been superseded by the Interplay Advanced Encoder. No additional Interplay | Production qualifications will be performed using the Avid AAF Encoder. All new qualifications, improvements and updates will be done using the Interplay Advanced Encoder.

### Known Issues

- Media Composer versions 8.10 and 2018.2 are unable to connect to Interplay systems in our testing environment. An “Incompatible MediaCentral Host” error is displayed.
- Interplay 2017.2 was tested with Media Composer version 8.9.4 which allows for Interplay connectivity.
- Notify Action’s Avid Web Service with Interplay Web Service 3.0.9 and Interplay 3.1
  - Interplay Web Services 3.0.9 was tested in conjunction with Interplay 3.1.
- Notify Action’s Avid Web Service requests to Interplay Web Service 3.2
  - CreateMasterClip with the Frame Rate selection set to 720p/59.94 or 720p/50 will fail. The work around for this issue is to select 30i NTSC, 1080i59.94 or 25i PAL, 1080i50, followed by adding media clips through the AAF Encoder’s Interplay container. The result is a Master Clip with the correct Frame Rate. (TXC-7634)
  - Stress testing of the Vantage Notify Action’s Avid Web service requests has shown the possibility of response time out failures occurring (less than a 1%). Adding a Retry to the Notify Action resolves this failure. (TXC-7561)

- Note: Avid has made significant changes to their support of Interplay Access in v3.5. Be aware that the Interplay Streaming Server is no longer supported. You will no longer be able to Play media and create locators/shot lists within Interplay Access v3.5. Avid recommends that customers who currently rely on this functionality should remain on Interplay Production 3.4 until they can successfully transition their workflows to MediaCentral | UX.

### International Character Support

Vantage’s underlying internal architecture fully supports multiple byte characters. However, some third party components or interfaces used within Vantage do not.

These actions may impose practical limits when used in Vantage workflows:

- Interplay Advanced Encoder and AAF Encoder – The Avid Media Toolkit utilized in Vantage encoders does not fully support multiple byte characters.
- Notify and Deploy Actions–Some Avid Interplay components have restricted multiple byte character support, which affects how Notify and Deploy actions can interact with them.

For more information regarding Avid’s International character support review the Read Me file for each Avid Product revision.

