



Avid Support in FlipFactory & Vantage

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

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

FlipFactory Support*

FlipFactory has been tested with the following Avid Interplay versions and supports **Transfer Engine Ingest to Interplay from FlipFactory** and **Transfer Engine Send to Playback Service Export to FlipFactory**:

FlipFactory 7.4 / 7.5	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	Interplay v3.2
Media Transcoder 2011.3 - 2012.2	■	■	■	■					
Media Transcoder 2012.3 - 2013.15	■	■	■	■	■				
Media Transcoder 2013.6 - later	■	■	■	■	■	■			

*** Important Note:** FlipFactory is End of Life (EOL). Full support for FlipFactory will end on December 31, 2016. See www.telestream.net or call your Telestream Support for details.

Vantage Support

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

AAF Encoder	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*	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						■	■	■	■	■	■	■

Interplay Advanced Encoder	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*	Interplay v3.2	Interplay v3.3	Interplay v3.4	Interplay v3.5
Media Transcoder 2016.+ 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*	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	■	■	■	■	■	■	■		■	■	■	■	■

* 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):

Transfer Engine Send to Playback	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	■	■	■	■	■	■			■

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 the Vantage Avid AAF Encoder have been integrated into the latest Transcoder. When using the Avid AAF Encoder 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 and stand-alone 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)

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

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

Networking Requirements for Avid ISIS storage

Avid AAF Encoder: The Vantage Avid AAF Encoder 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 6.0 and later) and file operations with an Interplay PAM environment.

Interplay Advanced: 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 OPAtom and AAF files, write these files to ISIS storage and check the asset into an Interplay PAM environment.

Network adapters for Vantage servers writing directly to Avid ISIS storage: When a customer's Vantage workflow directly writes to Avid ISIS 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 storage system. Requires ISIS v4.7 (or later) client software to be installed. Additional network adapter options are also available. See Avid approved adapter list below.
- ISIS 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 or later)
- ISIS client software must be installed (1Gb or 10Gb respectively)

Known Issues

- 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:

- AAF Encoder and Interplay Advanced 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.