



Avid Support in Vantage

Vantage and Live Capture have integrated support for Vantage Actions and processes for adding media assets/metadata into MediaCentral | Production (Interplay) and for ingesting media/metadata from MediaCentral | Production into Vantage. These Actions and processes include the Flip Action's Interplay Advanced Encoder, the Avid Service's Asset Monitor and Media Creation Action, and the Notify Action's Interplay Notifier and MOB ID Generator.

These Actions and processes are continually being tested with the latest Avid NEXIS clients and MediaCentral | Production versions. See version support below.

Vantage/Live Capture Actions and Processes

Flip Action's Interplay Advanced Encoder

The Interplay Advanced encoder produces MXF OP-Atom media with integrated delivery to MediaCentral | Production PAM systems and import into Avid Media Composer. The Interplay Advanced encoder also includes integrated metadata processing.

Avid Service Asset Monitor Action

The Asset Monitor Action monitors virtual folders within a MediaCentral | Production for both master clips and sequences, performing same-as-source-conversion of the media, assembling the media and metadata for processing by downstream Vantage actions.

Avid Service Media Creation Action

The Media Creation Action has two operational modes supporting MediaCentral | Production (PAM) environment and direct to Media Composer environment.

Media Composer Mode – For creating Avid-compatible MXF OP-Atom media files and associated AAF file, including User Property metadata for use within a Media Composer editor directly.

Interplay Mode – For creating Avid-compatible MXF OP-Atom media files and metadata that can be written to Avid Shared storage and automatically checked-into MediaCentral | Production. Support for editing growing files is included.

Notify Action's Interplay Notifier

The *Interplay Notifier* type can perform the following Avid Web Service operations:

- Create Master Clip
- Add Metadata to Clip
- Extract Clip Metadata
- Set Headframe
- Copy Clip
- Move Clip
- Delete Clip

Notify Action's Generate MOB ID

The Generate MOB ID Notify type is used to generate Master and Source MOB IDs for use in downstream processes and Actions.

Supported Versions

Vantage Components

Vantage and Live Capture are continually tested for Avid compatibility as new versions become available. Current Vantage support: Vantage v8.0 Update Pack 4 (or earlier).

MediaCentral | Production (Interplay)

The following MediaCentral | Production versions have been known to work with Vantage and Live Capture. Our components use well established Avid API functions which allow for enhanced compatibility. Updated Avid releases may be evaluated and should be compatible with these Actions and processes.

MediaCentral | Production Components

- Interplay v3.X or later
- 2017.2, 2018.6 2018.9, 2018.11, 2020.4

NEXIS/ISIS Client

Avid NEXIS Support

Vantage has been tested with the following versions of Avid NEXIS: 7.1.0, 7.9.0.9, 7.10.0.10, 2018.3, 2019.12.05

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

Note: NEXIS clients are backwards compatible. New NEXIS Client Manager releases will generally work with older ISIS hardware. Avid recommends using the latest client; please review the Avid NEXIS Read Me for compatibility.

Avid Editor Application

Vantage has been tested in MediaCentral | Production (Interplay)/ISIS/NEXIS and standalone environments with the following editor application 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)
- Media Composer 2018.4, 2018.5, 2019.12

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 – The Avid Media Toolkit (AMT) utilized in Vantage encoders does not fully support multiple byte characters.
- Notify and Deploy Actions–Some Avid MediaCentral | Production (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.

Avid approved adapters

- 1GbE network adapters
 - 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 and Lightspeed Live Server's on-board Intel X540 10GbE
 - Requires ISIS v4.7.11, or NEXIS 2019.12.05 client or later

