

VOD Producer

Product Sheet



VOD Producer

VOD Content Production System

VOD Producer simplifies the creation and assembly of VOD assets

VOD Producer is a powerful system built on the Vantage media processing platform that:

- Automates the assembly of VOD content for production networks of any size
- Simplifies the complex tasks of VOD preparation for operators with an easy to use graphical interface
- Assembles branded, edited compositions from off-air captures, clean feeds or NLE sources
- Interfaces with any Telestream transcoder to produce cable, OTT, mobile and broadband output

VOD Producer can operate as a standalone workstation or fully automated Vantage workflow component. Content created with VOD Producer is fully compatible with existing cable infrastructure. No new hardware is required.

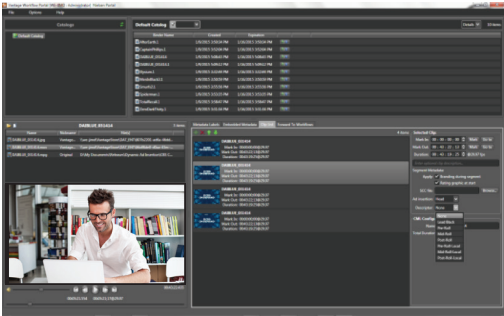
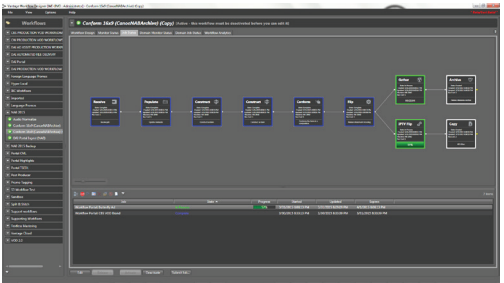
VOD Producer allows you to:

- Edit, trim and reorder content segments
- Add interstitials for promotion and cross promotion
- Brand each segment with unique graphics
- Edit embedded or .scc closed captions to align with content.
- Map and mix source audio for multiple technology or language requirements
- Utilize any Telestream transcoder to produce VOD as adaptive bit-rate, transport streams or mezzanine formats



Simple 2-Step Process

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Step 1	Edit and assemble CableLabs compliant video asset. VOD Producer accepts: ■ EDL from your favorite editor ■ CML documents ■ VOD Producer operator interface Define ■ Playlist order of content segments ■ Set trim points ■ Caption source definition ■ Vchip & Vchip graphics ■ Branding graphic ■ Copy protection	
Step 2	Produce Output ■ Assemble playlist composition ■ Encode as CableLabs compliant transport stream ■ Create Nielsen metadata documents ■ Distribute assets to ecosystem partners ■ Optional: encode to adaptive bit-rate or mezzanine formats. ■ Optional: Watermark for Nielsen measurement and produce Nielsen metadata	

Technical Specifications

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What's Included:

- VOD Producer Portal
- Composition playlist assembly processor
- MPEG2 and H.264 Transport Stream encoders
- EDL ingest
- Vantage Workflow Designer
- Vantage Management Console and Operator Portal Configuration

Input Formats

VIDEO INPUT

Container Type	DV ¹	IMX	MPEG-2	ProRes	DNxHD	AVCI	J2K	H.264	Animation
TIFO	■	■	■	■	■				
AVI	■								
LXF			■						
MOV	■	■		■	■			■	■
MP4								■	
GXF	■	■	■		■				
MPEG-2 PS			■						
MPEG-2 TS			■					■	
MXF OP-1a	■	■	■		■	■	■		
MXF AS02 ³	■	■	■		■	■			
MXF AS11					■				

Graphic File Input:
BMP, EMF, EXIF, GIF, GUID, ICON, JPEG, Memory BMP, PNG, TIFF, TGA, & WMF
Alpha Channel supported

AUDIO INPUT

Container Type	PCM	MPEG	302M	331M	AAC	AC3	DolbyE
TIFO	■					■	■
AC3						■	
AVI	■						
LXF	■						
MOV	■				■		■
MP4	■				■		■
GXF							■
MPEG-2 PS		■					
MPEG-2 TS	■	■	■		■	■	■
MXF OP-1a	■			■			■
MXF AS02 ²	■						■
MXF XDCAM HD	■						
MXF AS11	■					■	■
WAVE	■						■

¹ DV includes DV25, DVCPRO25, DV50/DVCPRO50, and DVCPROHD. MPEG2 includes long GOP and I-Frame only.

² Files produced by Omneon Media Subsystem (6.1) & Amberfin ICR (7.8) were tested.

³ AC3 includes Dolby Digital and Dolby Digital Plus (E-AC3).

Note: Vantage transcoders can make additional input formats compatible with Vantage Post Producer.

Playlist	EDL
	CML
	Operator Portal

Output Formats

VIDEO/AUDIO OUTPUT

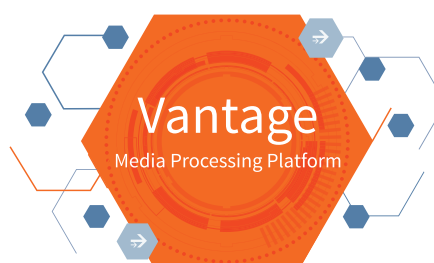
Output Format	H.264	H.265	MPEG-2	MPEG-1	AES	AC3	MPEG-1 Layer 1	AAC
TIFO	■	■	■	■	■	■	■	■
Transport Stream	■	■	■	■	■	■	■	■
MP4	■	■						■

¹ DV includes DV25, DVCPRO25, DV50/DVCPRO50, and DVCPROHD. MPEG-2 includes long GOP and I-Frame only.

² AC3 includes Dolby Digital and Dolby Digital Plus (E-AC3). Dolby E decoding requires an additional option.

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Built on the...



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