

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

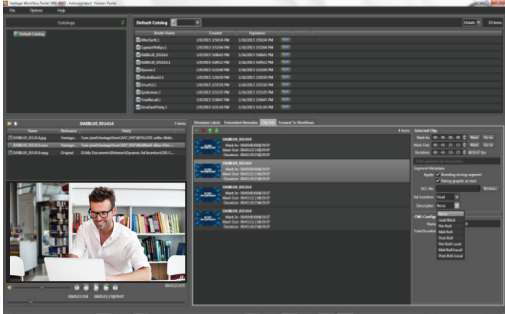
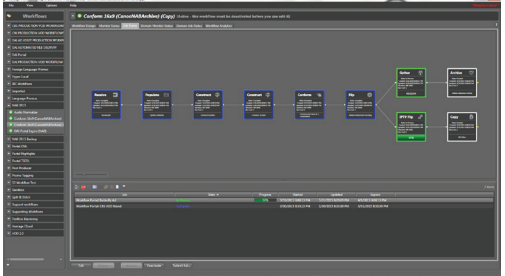
VOD Producer can operate as a standalone workstation or fully automated Vantage workflow component. Content created with VOD Producer is fully compatible with existing cable infrastructure. No new hardware is required.

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

<p>Step 1</p>	<p>Edit and assemble CableLabs compliant video asset. VOD Producer accepts:</p> <ul style="list-style-type: none">■ EDL from your favorite editor■ CML documents■ VOD Producer operator interface <p>Define</p> <ul style="list-style-type: none">■ Playlist order of content segments■ Set trim points■ Caption source definition■ Vchip & Vchip graphics■ Branding graphic■ Copy protection	 A screenshot of the VOD Producer software interface. The top section displays a table with columns for 'Asset ID', 'Asset Name', 'Asset Type', 'Asset Duration', and 'Asset Status'. Below this, there is a video player showing a man in a white shirt sitting at a desk. To the right of the video player, there are several panels for configuring the asset, including 'Asset Properties', 'Asset Metadata', and 'Asset Security'.
<p>Step 2</p>	<p>Produce Output</p> <ul style="list-style-type: none">■ 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	 A screenshot of the VOD Producer software interface showing a workflow diagram. The diagram consists of several blue boxes representing different stages of the production process, connected by arrows. The stages include 'Input', 'Processing', 'Encoding', 'Packaging', and 'Output'. The interface also shows various settings and options for each stage.

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	AVCl	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 ³	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 ³	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...

