Vantage 6.3 Transcode/Transcode Pro

Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Mobile, Web and Edit Formats						
3GP	H.263	AAC-LC				
3GP	H.263	AMR - NB				
3GP	H.264/AVC	AAC-LC				
3GP	H.264/AVC	AMR - NB				
3GP	MPEG-4	AAC-LC				
3GP	MPEG-4	AMR - NB				
AVI	Liquid Archive DV	PCM				
AVI	Matrox Axio DV	PCM				
AVI	Matrox MPEG2	WAV				RIFF Header (PAL only)
AVI	Matrox RTL DV	PCM				
AVI	Uncom. AVi Stream	MS CCITT G711 A-law and U-law	In-Band VBI (Line 21)			In-Band VITC
AVI	Uncom. AVi Stream	Uncompressed AVI Audio	In-Band VBI (Line 21)			In-Band VITC
Avid OMF	Avid AVBV	AIFC				OMF Timecode
Avid OMF	Avid Meridien	AIFC				OMF Timecode
Avid OMF	Avid Nuvista	AIFC				OMF Timecode
Avid Transfer Engine via Send to Playback[3]	AVC Intra	PCM	608 from Anc	708 from Anc	Avid Data Track	Avid Data Track
Avid Transfer Engine via Send to Playback[3]	DNxHD®	PCM	608 from Anc	708 from Anc	Avid Data Track	Avid Data Track
Avid Transfer Engine via Send to Playback[3]	DV25/50	PCM	608 from Anc		Avid Data Track	Avid Data Track
Avid Transfer Engine via Send to Playback[3]	DVCPRO25/50	PCM	608 from Anc		Avid Data Track	Avid Data Track
Avid Transfer Engine via Send to Playback[3]	DVCProHD	PCM	608 from Anc	708 from Anc	Avid Data Track	Avid Data Track
Avid Transfer Engine via Send to Playback[3]	IMX30/40/50	PCM	608 from Anc or In-Band VBI (Line 21)		Avid Data Track	Avid Data Track or In-Band VITC
DIF	DV25/50	PCM	DV Header			
DIF	DVCPRO25/50	PCM	DV Header			

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Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Mobile, Web and Edit Formats , contd						
DIVX[1]	MPEG4 Part 2	MP3				
DPX sequence	DPX up to 4K					
DV	DV25/50	PCM	DV Header			
DV	DVCPRO25/50	PCM	DV Header			
F4V	Flash 9/H.264	AAC-LC				
FLV	Flash 8/VP6	MP3				
M4V	H.264 up to 4K	AAC-LC				
MP4	H.264 up to 4K	AAC-LC				
MP4	MPEG4	AAC-LC				
MP4	PSP	AAC-LC				
QuickTime	Animation	AAC-LC	In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VTC
QuickTime	Animation	PCM	In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VTC
QuickTime	AVC Intra	AAC-LC	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	AVC Intra	PCM	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	Avid ABVB	AAC-LC	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Avid ABVB	PCM	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Avid Meridien	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	Avid Meridien	PCM	QuickTime Caption Track In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	Avid NuVista	AAC-LC	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Avid NuVista	PCM	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	BlackMagic 10-Bit[5]	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track
QuickTime	BlackMagic 10-Bit[5]	AAC-LC	QuickTime Caption Track In-Band VBI (Line 21)			QuickTime Timecode Track
QuickTime	Cinewave 8 bit YUV	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	Cinewave 8 bit YUV	PCM	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	Cinewave 8 bit YUV	Qdesign Music 2	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC

Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Mobile, Web and Edit Formats , cont'd						
QuickTime	Cinewave 8 bit YUV	Qualcomm Caption Track	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	DNxHD (Avid DNxHD®)	AAC-LC	QuickTime Caption Track or DNxHD ANC data	QuickTime Caption Track or DNxHD ANC data	DNxHD ANC data	QuickTime Timecode Track
QuickTime	DNxHD (Avid DNxHD®)	PCM	QuickTime Caption Track or DNxHD ANC data	QuickTime Caption Track or DNxHD ANC data	DNxHD ANC data	QuickTime Timecode Track
QuickTime	DV25/50	AAC-LC	QuickTime Caption Track or DV Headers			QuickTime Timecode Track
QuickTime	DV25/50	PCM	QuickTime Caption Track or DV Headers			QuickTime Timecode Track
QuickTime	DVCPRO HD	AAC-LC	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	DVCPRO HD	PCM	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	DVCPRO25/50	AAC-LC	QuickTime Caption Track or DV Headers			QuickTime Timecode Track
QuickTime	DVCPRO25/50	PCM	QuickTime Caption Track or DV Headers			QuickTime Timecode Track
QuickTime	H.264/AVC up to 4K	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)	QuickTime Caption Track		QuickTime Timecode Track or In-Band VITC
QuickTime	H.264/AVC up to 4K	PCM	QuickTime Caption Track or In-Band VBI (Line 21)	QuickTime Caption Track		QuickTime Timecode Track or In-Band VITC
QuickTime	H.264/AVC up to 4K	Qdesign Music 2	QuickTime Caption Track or In-Band VBI (Line 21)	QuickTime Caption Track		QuickTime Timecode Track or In-Band VITC
QuickTime	H.264/AVC up to 4K	Qualcomm	QuickTime Caption Track or In-Band VBI (Line 21)	QuickTime Caption Track		QuickTime Timecode Track or In-Band VITC
QuickTime	HDV	AAC-LC	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track or GOP headers
QuickTime	HDV	PCM	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track or GOP headers
QuickTime	IMX30/40/50	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or GOP headers or In-Band VITC
QuickTime	IMX30/40/50	PCM	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or GOP headers or In-Band VITC
QuickTime	MJPEGA/B	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	MJPEGA/B	PCM	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or In-Band VITC
QuickTime	MPEG-4	AAC-LC	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	MPEG-4	PCM	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track

Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Mobile, Web and Edit Formats , cont'd						
QuickTime	MPEG-4	Qdesign Music 2	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	MPEG-4	Qualcomm	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	Photo JPEG	AAC-LC	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Photo JPEG	PCM	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	ProRes SQ /HQ/LT/Proxy up to 4K	AAC-LC	QuickTime Caption Track or ProRes ANC Data	QuickTime Caption Track or ProRes ANC Data	ProsRes ANC data	QuickTime Timecode Track
QuickTime	ProRes SQ /HQ/LT/Proxy up to 4K	PCM	QuickTime Caption Track or ProRes ANC Data	QuickTime Caption Track or ProRes ANC Data	ProsRes ANC data	QuickTime Timecode Track
QuickTime	Radius Cinepak	AAC-LC	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Radius Cinepak	PCM	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Radius Cinepak	Qdesign Music 2	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Radius Cinepak	Qualcomm	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Sorenson Video 3	AAC-LC	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Sorenson Video 3	PCM	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Sorenson Video 3	Qdesign Music 2	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Sorenson Video 3	Qualcomm	QuickTime Caption Track			QuickTime Timecode Track
QuickTime	Uncompressed video	AAC-LC	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or or In-Band VITC
QuickTime	Uncompressed video	PCM	QuickTime Caption Track or In-Band VBI (Line 21)			QuickTime Timecode Track or or In-Band VITC
QuickTime	XDCAM HD	PCM	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
QuickTime	XDCAM EX	PCM	QuickTime Caption Track	QuickTime Caption Track		QuickTime Timecode Track
R3D	R3D	PCM				
WMV	VC-1	WMA V7,V8,V9	WMV Caption Stream			WMV Timcode or In-Band VITC
WMV	VC-1	WMA V9 Pro	WMV Caption Stream			WMV Timcode or In-Band VITC
WMV	WM7	WMA V7,V8,V9	WMV Caption Stream			WMV Timcode or In-Band VITC
WMV	WM7	WMA V9 Pro	WMV Caption Stream			WMV Timcode or In-Band VITC
WMV	WM7	WMA V9 Voice				
WMV	WM8	WMA V7,V8,V9				
WMV	WM8	WMA V9 Pro				
WMV	WM8	WMA V9 Voice				
WMV	WM9	WMA V7,V8,V9				
WMV	WM9	WMA V9 Pro				
WMV	WM9	WMA V9 Voice				

Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Audio-Only Formats						
AIFF		AIFF				
F4A		AAC				
M2A		M2A				
MP3		MP3				
WAV		PCM				
WMA		WMA				
Broadcasting, Cable and IPTV						
360 Systems	JPEG2000	PCM	608 from Anc	708 from Anc	Proprietary Anc track	File Header
Avid MediaStream MSS	MPEG-2	MPEG-1 Layer 2	ATSC CEA 608	ATSC A/53 User data		GOP Header Timecode
Avid MediaStream MSS	MPEG-2	PCM	ATSC CEA 608	ATSC A/53 User data		GOP Header Timecode
EVS	DNxHD (Avid DNxHD®)	PCM				EVS Timecode
EVS	DVCPRO HD	PCM				EVS Timecode
EVS	MJPEG	PCM				EVS Timecode
GXF	AVC Intra	PCM	608 from Anc	708 from Anc	Anc track (SMPTE RDD-14)	UMF Material Description or Timecode Track or Material Stream Mark In
GXF	DV25/50	PCM	DV Header (DV25 only)			UMF Material Description or Timecode Track or Material Stream Mark In
GXF	DVCPRO HD	PCM	608 from Anc	708 from Anc	Anc track (SMPTE RDD-14)	UMF Material Description or Timecode Track or Material Stream Mark In
GXF	DVCPRO 25/50	PCM	DV Header (DV25 only)			UMF Material Description or Timecode Track or Material Stream Mark In
GXF	MJPEG	PCM				
GXF	MPEG2 HD	PCM	608 from Anc	708 from Anc	Anc track (SMPTE RDD-14)	UMF Material Description or Timecode Track or Material Stream Mark In
GXF	MPEG2 SD	PCM	Proprietary VBI User Data or In-Band VBI (line 21) or GXF CC user data			UMF Material Description or Timecode Track or Material Stream Mark In
Harris LXF	AVC Intra	PCM	608 from Anc	708 from Anc	Proprietary LXF VANC	LXF Header
Harris LXF	DV25/50	PCM				LXF Header
Harris LXF	DVCPRO25/50	PCM				LXF Header
Harris LXF	IMX	PCM	In-Band VBI (Line 21)			LXF Header
Harris LXF	MPEG2 HD	PCM	608 from Anc	708 from Anc	Proprietary LXF VANC	LXF Header
Harris LXF	MPEG2 SD	PCM	Proprietary VBI data or In-Band VBI (Line 21)			LXF Header

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Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Broadcasting, Cable and IPTV, cont'd						
MP4 XDCAM EX	MPEG2	PCM				GOP Header Timecode
MPEG1-SS	MPEG1	MPEG1 Layer2				
MPEG2-ES .m2v	MPEG2	WAV (PCM)	In-Band VBI			In-Band VITC
MPEG2-PS	MPEG2	Dolby Digital, Dolby 5.1[2]	ATSC CEA 608 or or Divicom CEA 680 or ATSC/DTV 9600 or In-Band VBI (Line 21)	ATSC A/53 User Data		GOP Header Timecode or In-Band VITC
MPEG2-PS	MPEG2	MPEG1 Layer 2	ATSC CEA 608 or Divicom CEA 608 or ATSC/DTV 9600 or In-Band VBI (Line 21)	ATSC A/53 User Data		GOP Header Timecode or In-Band VITC
MPEG2-TS .trp .mpg	H.264 up to 4k	Dolby Digital, Dolby 5.1[2]	ATSC CEA 608	ATSC A/53 User Data		
MPEG2-TS .trp .mpg	H.264 up to 4k	MPEG1 Layer 2	ATSC CEA 608	ATSC A/53 User Data		
MPEG2-TS .trp .mpg	MPEG2	AES Uncompressed	ATSC CEA 608 or SCTE-20 or Divicom CEA 608 or ATSC/DTV 9600 or SMPTE RDD-11 or Proprietary VELA or In-Band VBI (Line 21)	ATSC A/53 User Data or SMPTE RDD-11	Anc track (SMPTE RDD-11)	GOP Header Timecode or In-Band VITC
MPEG2-TS .trp .mpg	MPEG2	Dolby Digital, Dolby 5.1[1]	ATSC CEA 608 or SCTE-20 or Divicom CEA 608 or ATSC/DTV 9600 or SMPTE RDD-11 or Proprietary VELA or In-Band VBI (Line 21)	ATSC A/53 User Data or SMPTE RDD-11	Anc track (SMPTE RDD-11)	GOP Header Timecode or In-Band VITC
MPEG2-TS .trp .mpg	MPEG2	MPEG1 Layer 2	ATSC CEA 608 or SCTE-20 or Divicom CEA 608 or ATSC/DTV 9600 or SMPTE RDD-11 or Proprietary VELA or In-Band VBI (Line 21)	ATSC A/53 User Data or SMPTE RDD-11	Anc track (SMPTE RDD-11)	GOP Header Timecode or In-Band VITC
AVCHD	H.264 / AVC	Dolby Digital				
Omneon mov or OP1a	DNxHD	AIFF				Omneon Header
Omneon mov or OP1a	DNxHD	WAV				Omneon Header
Omneon mov or OP1a	DV25/50	AIFF				Omneon Header or DV Header
Omneon mov or OP1a	DV25/50	WAV				Omneon Header or DV Header
Omneon mov or OP1a	DVCPRO25/50	AIFF				Omneon Header or DV Header
Omneon mov or OP1a	DVCPRO25/50	WAV				Omneon Header or DV Header

Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
Broadcasting, Cable and IPTV, cont'd						
Omneon mov or OP1a	IMX	AIFF	ATSC User Data or SMPTE 328 or In-Band VBI (Line 21)			Omneon Header or SMPTE 328 or In-Band VITC
Omneon mov or OP1a	IMX	WAV	ATSC User Data or SMPTE 328 or In-Band VBI (Line 21)			Omneon Header or SMPTE 328 or In-Band VITC
Omneon mov or OP1a	MPEG2	AIFF	ATSC user data or Proprietary VBI user data or Proprietary VBI file or In-Band VBI (Line 21)	ATSC A/53 User Data		Omneon Header or SMPTE 328 or In-Band VITC
Omneon mov or OP1a	MPEG2	WAV	ATSC user data or Proprietary VBI user data or Proprietary VBI file or In-Band VBI (Line 21)	ATSC A/53 User Data		Omneon Header or SMPTE 328 or In-Band VITC
Omneon OP1a	AVC Intra	AIFF	608 from Anc	708 from Anc	ANC User Data	Omneon Header
Omneon OP1a	AVC Intra	WAV	608 from Anc	708 from Anc	ANC User Data	Omneon Header
SeaChange	MPEG2	AES	ATSC CEA 608 or In-Band VBI (Line 21)			GOP Header Timecode or In-Band VITC
SeaChange	MPEG2	MPEG1 Layer 2	ATSC CEA 608 or In-Band VBI (Line 21)			GOP Header Timecode or In-Band VITC
SeaChange	MPEG2	PCM	ATSC CEA 608 or In-Band VBI (Line 21)			GOP Header Timecode or In-Band VITC
SeaChange SAF	MPEG2	AES	In-Band VBI			In-Band VITC
SeaChange SAF	MPEG2	MPEG1 Layer 2	In-Band VBI			In-Band VITC
Sony MAV70 SXF	MPEG2	MPEG1 Layer 2				
VOB Non encrypted	MPEG2	Dolby Digital 2.0				GOP Header Timecode
VOB Non encrypted	MPEG2	MPEG2 Layer 1				GOP Header Timecode
VOB Non encrypted	MPEG2	PCM				GOP Header Timecode
MXF						
MXF OP1A	Sony XAVC Intra up to 4k	PCM				
MXF OP1A	AVC Intra	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	DNxHD (Avid DNxHD®)	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	DV25/50	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	DVCPRO25/50	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	DVCPROHD	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	IMX 30/40/50	PCM	608 from Anc or In-Band VBI (Line 21)			Material Package or In-Band VITC

Decode Format Support

CONTAINER TYPE	VIDEO FORMAT	AUDIO FORMAT	608 CAPTIONS	708 CAPTIONS	ANCILLARY DATA	TIMECODE
MXF, cont'd						
MXF OP1A	JPEG 2000[7] up to 4k	PCM				Material Package
MXF OP1A	MJPEG for EVS	PCM	In-Band VBI (Line 21)			EVS Timecode
MXF OP1A	MPEG2 for K2	PCM	608 from Anc or In-Band VBI (Line 21)	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	MPEG2 for Nexio	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	XDCAM HD	PCM	608 from Anc	708 from Anc	Anc track SMPTE 436M	Material Package
MXF OP1A	XDCAM SD	PCM	608 from Anc or In-Band VBI (Line 21)			Material Package or In-Band
MXF OPAtom	MPEG2 for Ikegami GF	AES				GF Playlist
MXF OPAtom / XML	AVC Intra for P2	PCM				P 2 XML File
MXF OPAtom / XML	DV for P2	PCM				P 2 XML File
MXF OPAtom / XML	DVCProHD for P2	PCM				P 2 XML File
MXF OP1B	Panasonic AVC Ultra LongG	PCM				
MXF AS02 (AMWA)	JPEG 2000[7] up to 4k	PCM				
Telestream TIFO						
TIFO	DV 25/50	PCM	TIFO ANC	TIFO ANC	TIFO ANC	TIFO ANC
TIFO	DVCPro 25/50	PCM	TIFO ANC	TIFO ANC	TIFO ANC	TIFO ANC
TIFO	IMX 30/40/50	PCM	TIFO ANC	TIFO ANC	TIFO ANC	TIFO ANC
TIFO	ProRes 422	PCM	TIFO ANC	TIFO ANC	TIFO ANC	TIFO ANC
TIFO	DNxHD	PCM	TIFO ANC	TIFO ANC	TIFO ANC	TIFO ANC
TSEDL (stitching support): Transcode & Transcode Pro Products can accept an XML, EDL format, called TSEDL. TSEDL allows frame-accurate stitching of multiple files into any output format. The following formats are tested and supported for TSEDL stitching						
MXF OP1A	MPEG2	PCM / Dolby E				
MXF OP1A	DNxHD (Avid DNxHD®)	PCM / Dolby E				
MXF OP1A	AVC Intra	PCM / Dolby E				
P2 MXF OP Atom	DVCProHD	PCM / Dolby E				
P2 MXF OP Atom	AVC Intra	PCM / Dolby E				
MXF AS02 (AMWA)	JPEG2000	PCM / Dolby E				
MOV	DV	PCM / Dolby E				
MOV	DVCPro	PCM / Dolby E				
MOV	DVCProHD	PCM / Dolby E				
MOV	ProRes	PCM / Dolby E				
MOV	DnxHD (Avid DNxHD®)	PCM / Dolby E				
MOV	MPEG2	PCM / Dolby E				
MOV	AVC Intra	PCM / Dolby E				
GXF	MPEG2	PCM / Dolby E				
GXF	AVC Intra	PCM / Dolby E				

[1] If 3rd-party codecs are installed on the Vantage server, other types of files may be decoded. For example, some AVI files can be decoded in this way.
[2] Requires installation of a 3rd party component to enable 5.1 support
[3] Requires use of Avid Transfer Engine Integration, included in Connect Pro.
[4] QuickTime reference files with mixed essence types, frame rates, or frame sizes may not be supported; contact Telestream for details.
[5] Requires installation of 3rd party components.
[6] Requires installation of Video for Windows codecs.
[x] Software update may be requred, please contact Telestream support.

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