



FlipFactory Product Comparison: Media Ingest Workflows

	Traffic Manager	AdManager for Cable	News Manager
Input Formats			
3GPP; AVI incl Matrox; H.264/AVC; MPEG-4	Included for all FlipFactory products		
MPEG-1 4:2:0 System stream			
MPEG-2 4:2:0, 4:2:2 transport & program streams <=50 Mbps			
DV25 (.dv) & DVC Pro25, 525 & 625, DV50/DVCPRO50			
Avid OMF MJPEG, QT/MJPEG, DNxHD			
QuickTime – (Apple Video, Sorenson Video, DV, Avid MJPEG, Media 100 MJPEG, MJPEG A/B, IPV FMA, Raw PCM, Qdesign Music 2, and others) ver 4, 5, 6.5 or 7.0.4			
Windows Media ver 6.1, 7, 8, or 9; VC-1			
Audio – WAV, MP3 elem stream, AC-3, AAC, AIFF, AMR, EZ Movie, MPEG-1 Layer2, PCM, Qdesign/Music2, Qualcomm, WMA			
HDV, MPEG-2 HD 4:2:0, 4:2:2 TS & PS, 720p 24/25/30/50/60 fps, 1080i 50/60 fields/sec, 1080p 24/25/30 fps			
DPX/Cineon			
Output Formats			
AVI	Included for all FlipFactory products		
3GPP; AAC-LC; AMR; H.264; H.263; MPEG-4			
Windows Media - ver 6.1, 7, 8, or 9 (incl WM9 HD), 2-pass; VC-1			
RealVideo - ver 6, 7, 8, 9, or 10 (Helix)			
QuickTime – (Avid MJPEG, Media 100 MJPEG, Cinewave, Sorenson Video, DV 525 & 625, IPV FMA MPEG-4, H.264, iPod, Raw PCM, Qdesign Music 2, and others)			
Audio – WAV, MP3 elem stream, AIFF, EZ Movie, MPEG-1 Layer2, PCM, Qdesign/Music2, Qualcomm, WMA, Real			
DV25 (.dv) & DVC Pro25, 525 & 625, DV50/DVCPRO50			
MPEG-1 4:2:0 System stream			
MPEG-2 4:2:0 <=15 Mbps and 4:2:2 <=50 Mbps, Transport and Program Stream			
MPEG-2 DVD compatible elementary streams			
MPEG-4 - PacketVideo, QuickTime, ISMA	Optional for all FlipFactory products		
H.264 TS, PS, M4V, MEF import, Sony PSP, iPod			
Avid OMF/MJPEG; OMF & AAF/MXF for DV25, DV50, IMX; AAF/MXF for DNxHD via Transfer Manager	Optional for all FlipFactory products		
Flash 8 VP6 (.swf & .flv); IPV MPEG-1 or WM9	Optional for all FlipFactory products		
HDV, MPEG-2 HD 4:2:0, 4:2:2 TS & PS, 720p 24/25/30/50/60 fps, 1080i 50/60 fields/sec, 1080p 24/25/30 fps, DVCPRO HD, DNxHD. SD-to-HD upconversion	Optional	Optional	Optional
MXF/IMX enc/dec	Optional	Optional	Optional
AC-3/5.1 Audio;	Incl with VOD/IPTV	Included	N/A
Edit Systems supported (Decode Included)			
Accom Stratosphere & Matrox	Decode only		
Adobe Premiere; Apple FinalCut Pro; Media 100 i, iFinish	Encoding Included		
Autodesk via Stone file system	Encoding Optional		
Avid Unity, NewsCutter, Xpress, Media Composer & DS	Encoding Included		
Avid OMF MJPEG	Enc Opt	Enc Opt	All decoders included. Two encoders included
Avid OMF & AAF/MXF for DV25, DV50, IMX via Transfer Manager for Unity/SIS/Interplay	Enc Only Opt	Enc Only Opt	
Pinnacle Liquid or Vortex	Included	Included	
Broadcast/VOD servers & cameras supported			
Accom Abekas 6000; Avid/Pinnacle MediaStream; EVS XT server; Grass Valley K2, Profile XP, PDR Series (incl. MJPEG opt.), Infinity; Harris/Leitch VR Series & Nexio, C-COR VOD; Matrox*; Omneon Spectrum; Panasonic P2; Quantel sQ server, SeaChange BMS, BMC, BML & VOD; Scott Studios; Sony eVTR, MAV-70 & XDCAM; Thomson Nextore; 360 Systems. ** All VOD/IPTV servers incl. AC-3/5.1	All decoders included. Two encoders included	All decoders included. C-COR & SeaChange VOD encoders included	

* NOTE: Contact Telestream for details.

** NOTE: Contact Telestream for specific server transcoder availability. Additional server hardware may be required for some broadcast servers



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Automation Systems supported			
Crispin, Floral, Harris (Louth, Encoda Systems), MicroFirst, NVerzion, Omnibus, Pro-Bel, Sundance, VCI	Included	N/A	N/A
Traffic Systems			
Novar, Eclipse, Wide Orbit	N/A	Included	N/A
Content Delivery Services			
Commercial Delivery Services: Centaur, DGFastChannel, MIJO, On The Spot Media, Pathfire, Spottraffic, Vyvx, SmartJog	Included	Included	N/A
Pathfire Syndication, SD or SD/HD	Optional	Optional	N/A
Pathfire News	N/A	N/A	Included
CBS Newspath	N/A	N/A	Included
EBU Superpop	N/A	N/A	Included
BitCentral News	N/A	N/A	Included
Reuters WNE;	N/A	N/A	Included
iPump	N/A	N/A	Included
Video processing			
Blur, Color Rescale, Contrast, Crop, Darken Region, Field Order Conversion, Frame Mode, Gamma Correction, Hue, Inverse Telecine, Mask, Noise Reduction, Overlay, Saturation, Sharpen, Source Video Timing, Telecine, Temporal Interpolation, Trimming, Video Fade In/Out; MotionResolve™	Included for all FlipFactory products		
VBI Synthesis			
Audio processing			
Audio level analysis, control, normalization;	Included	Included	Optional
Up to 8 input & output channels with re-mapping & mixing of tracks, normalization, phase invert, Fade In/Out	Included for all FlipFactory products		
Media Delivery			
FTP, HTTP, NFS, SMB, Windows Networking	Included for all FlipFactory products		
Notification Plug-ins			
XML, email, Secure FTP	Included for all FlipFactory products		
Other Plug-ins			
Conform Engine	Optional for all FlipFactory products		
Closed Caption Synthesis	Included for all FlipFactory products		
KeyFrame Extraction	Included for all FlipFactory products		
Time Code Burn in	Included for all FlipFactory products		
MetaFlip™ Metadata Monitor & Notify	Included for all FlipFactory products		
MetaFlip™ Style Sheets	iPOD & Reporting incl. Additional sheets optional	iPOD & Reporting & VOD incl. Additional sheets optional	iPOD & Reporting incl. Additional sheets optional
System configuration requirements			
Operating System: Windows™ 2003, XP Pro	Included	Included	Required
Minimum server - Dual, Quad Core Processor, 4 GB DDR Memory, SATA hard drives	Included	Included	Not included
Dual 100/1000 Ethernet	Included	Included	Recommended
Additional Options			
GraphicsFactory	Optional for all FlipFactory products		
FactoryArray			
FlipScan			
Screen Subtitle			
Philips, Arbitron Watermarking			
Pipeline tape ingest & playout			
Pipeline hardware encoding device must be purchased			

NOTE: see Telestream Website for current details.

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