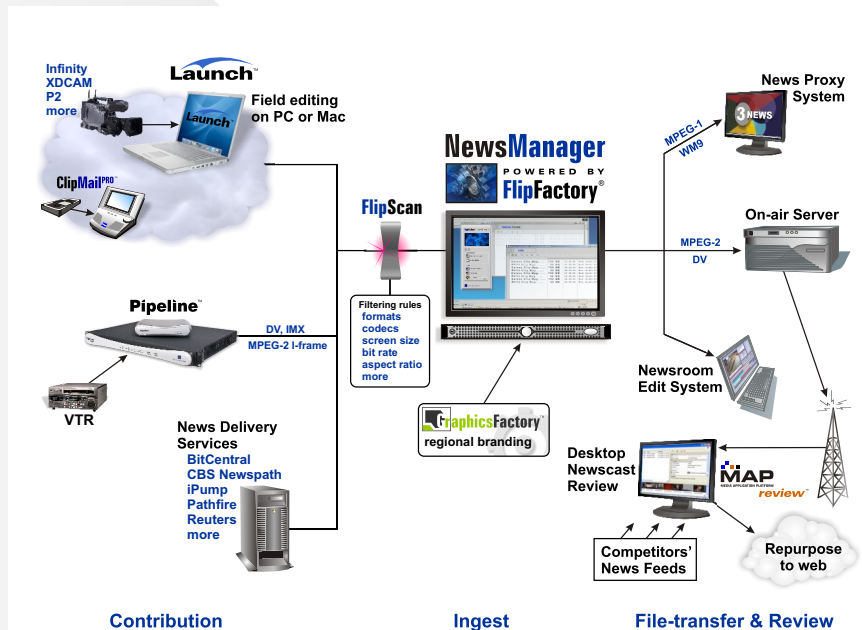


FlipFactory[®] NewsManager

Workflow automation solutions for
broadcast and cable news

- **Supports ingest and transfer of news**
Automatically ingest content from digital news delivery services or Launch™
- **Seamless File Transfer**
Exchange media/metadata between your newsroom and legacy systems
- **Tapeless**
Replace tape and analog-to-digital conversions with faster, more efficient file transfer
- **Best in Class Factory Automation**
Hands-free processing; simply set rules for where to look for source files, what to do with them, and where to deliver them
- **Flexible Tape Ingest**
Optional real-time ingest from tape or live feeds directly into FlipFactory
- **Extensive Format Support**
The industry's broadest and deepest file format support – including frame-accurate proxies for browse edit systems
- **Enterprise-grade Scalability and Reliability**
Set up factories once for consistent, high-quality output results every time; scale across multiple servers; add 24/7 reliability for critical workflows



FlipFactory NewsManager provides ingest from news delivery services and file transfer to popular newsroom systems.

Multiple ingest sources are supported, including Pathfire, BitCentral, iPump, CBS Newspath and Reuters WNE delivery services as well as Telestream Launch™ personal media delivery solution, FTP servers, and legacy video servers and edit systems.

Incoming news content and associated metadata are automatically ingested, converted and delivered directly to your play-to-air server or newsroom system in the formats required by each. Newsroom systems currently supported include Avid, Grass Valley, Harris, Avid and Sony. FlipFactory NewsManager provides an easy, automated single-step transfer process, eliminating the need for manual intervention by station personnel.

FlipFactory NewsManager also offers the ability to automatically create low-resolution proxies – in the exact format required by your proxy news editing system. It can also be used to convert your news content into streaming formats with delivery to your Web server.

The **FlipScan™** option automatically scans and analyzes uploaded source video, audio and metadata, including user-generated content.

The **GraphicsFactory®** upgrade option automatically adds branding, localization, personalization, including splicing, bumpers, trailers, and overlays. Customize media per region and per source file. High-volume encoding and personalization have never been easier.

For Avid users, the optional FlipFactory TransferManager plug-in automatically imports media into the Avid Unity/ISIS/Interplay media network or to an Avid editing system via the Avid Unity Transfer Manager. File transfer in the required native Avid OMF or MXF for DV25, DV50 or IMX format eliminates the need for a separate import step.

Flexible and scalable, FlipFactory provides intelligent load-balancing across one or more servers—to meet your growing needs. For critical workflows, add **FactoryArray™** for rock-solid 24/7 reliability, auto-failover, configurable high-priority processing and distributed control to ensure no single point of failure.

With ongoing support for evolving mobile and web formats, you can rest assured you'll have a content repurposing solution that meets your needs today, tomorrow, and beyond.

Technical Specifications – FlipFactory® NewsManager

Formats and Wrappers

Included

Video	Audio
3GPP	AAC-LC
AVI	AIFF
Avid OMF/MJPEG (decode)	AMR
Avid QT/MJPEG	EZMovie
DNxHD (decode)	MP3
DPX/Cineon (decode)	MPEG-1 Layer 2
DV25/50, DVCPPro 25/50	PCM
H.264/AVC	Qdesign
MPEG-1 System Stream	Qdesign Music 2
MPEG-2 DVD ES	Qualcomm
MPEG-2 SD 4:2:0, 4:2:2	Real Audio (encode)
TS & PS to 50Mbps	Uncompressed
MPEG-4	WAV
Packet Video (encode)	WMA
QT Apple Video, Sorenson, DV,	
Avid MJPEG, Media 100 MJPEG,	
MJPEG A/B, MPEG-4, H.264, IPV FMA	
Real (encode)	
VC-1	
Windows Media (incl. WM HD)	

Optional

Video	Video (cont'd)
Avid OMF & AAF/MXF for DV25, DV50, IMX via Transfer Manager	MPEG-2 HD 4:2:0, 4:2:2
Avid OMF/MJPEG (encode)	Transport Stream,
DNxHD (encode)	Program Stream
DVCPPro HD	720p 24,25,30,50,60 fps
Flash 8 (encode)	1080i 50,60 fields/sec
HDV	1080p 24,25,30 fps
MXF	Audio
	AC-3, 5.1 (included with
	VOD/IPTV servers)

Video, Audio and Graphics Processing

Included

Video	Video (cont'd)
Blur	Saturation
Color Rescale	Sharpen
Closed Captioning Synthesis	Source Video Timing
Contrast	Telecine
Crop	Temporal Interpolation
Darken Region	Time Code burn in
Field Order Conversion	Trimming
Frame Mode	Video Fade In/Out
Gamma Correction	Audio
Hue	Channel Mixing
Inverse Telecine	Fade Up/Down
Keyframe Extraction	Normalization
Mask	Phase Invert
Media Expansion	Up/Down Sampling
Noise Reduction	Graphics
MotionResolve®	Text, QuickTime or Image
Standards Conversion	single overlay (no timeline)
Up/Down Conversion	System usage report for
Overlay	spreadsheets

Optional

Graphics	Stitching
Layer-based elements (timeline based)	EDL Creator
Audio Overlay	XML Support
Drop Shadow	
Fade-in/Fade-outImage Overlay	
QuickTime Overlay	
Text Generation	
Visual Template Creator	

Additional Options

IPV SpectreView	Watermarking
MetaFlip Stylesheets	Arbitron
VANC Support	Philips
	SDK available for custom
	integration

System Configuration Requirements

Operating System: Windows Server 2003, XP Pro
 Minimum Server: Dual, Quad Core Processor, 4 GB DDR Memory, SATA hard drives
 Dual 100/1000 Ethernet

What's Included in FlipFactory NewsManager

Receives news clips from Pathfire, Reuters & Bit Central delivery services or Launch™ and flips to specified broadcast server or news system. Allows proxy creation for news browse system. Includes first year's Annual Maintenance and Support.

Included	Browse	Monitor	Deliver	Notify
Non-Linear Editors				
Accom Stratosphere	●	●	○	○
Adobe Premiere	●	●	●	○
Apple Final Cut Pro	●	●	○	○
Autodesk Stone, Smoke, Inferno, Flame, Flint	●	●	○	○
Avid DS, Media Composer, Symphony, Xpress, Xpress DV, iNews, NewsCutter	●	●	●	○
Avid Liquid & Vortex	●	●	●	○
Avid Unity, ISIS, Interplay	●	●	●	○
Grass Valley News Edit, News Browse	○	○	●	○
Media 100 i & iFinish	●	○	●	○
News Delivery Catch Servers				
Bit Central	○	●	○	○
CBS Newspath	●	○	○	○
EBU Superpop	●	○	○	○
iPump	●	○	○	○
Pathfire	○	●	○	○
Reuters	○	●	○	○
Other				
Akamai	●	●	●	○
ClipMail	●	●	●	○
ClipMail FTP	●	●	○	●
Email	○	●	●	○
FTP Folder	●	●	●	○
Job Forward	○	○	●	●
Local Folder	●	○	○	○
Local Storage	●	○	○	○
Network Folder	●	○	○	○
Network Folder (Samba)	●	○	○	○
Slate/Spot Analysis	○	○	○	○
WebServer	●	○	○	○
MetaFlip Engine	○	○	○	○
Secure FTP	○	○	○	○

Also included: Choose 2 of the following:	Browse	Monitor	Deliver	Notify
Servers				
360 Systems Image Server 2000	●	○	●	○
Accom Abekas 6000	●	○	●	○
C-COR SkyVision, HQ	○	○	○	○
EVS XT Server, Media Server	●	●	○	○
Grass Valley Profile, PDR, K2	●	●	○	○
Harris VR Series, Nexio, DVR Series	●	●	○	○
Omneon Spectrum, MediaDeck, MediaGrid	●	●	○	○
Avid MediaStream	●	○	○	○
Quantel sQ Server	●	○	○	○
Scott Studios SS Video XT & LE	●	○	○	○
SeaChange BMS/BMC/BML, VOD	●	○	○	○
SeaChange MVL	○	○	○	○
Sony eVTR, MAV70, MAV2000 (decode only)	●	○	○	○
Cameras				
Grass Valley Infinity	●	○	○	○
Panasonic P2	●	○	○	○
Sony XDCAM	●	○	○	○
Non-Linear Editors				
Matrox DigiSuite	○	○	○	○
Autodesk Stone, Smoke, Inferno, Flame, Flint	●	●	○	○
Avid Unity/ISIS/Interplay via Transfer Manager	●	●	○	○

Optional	Browse	Monitor	Deliver	Notify
Syndication Catch Servers				
Pathfire	○	○	○	○

● Supported ○ Not Supported

Browse: Lets you browse the file system of a supported device

Deliver: Automatically delivers Factory jobs to destinations

Monitor: Monitors a server for the arrival of new content

Notify: Alerts a third-party system that the job is completed and delivered