



## Exchange media between professional systems

with the world's most powerful universal translator

**Telestream FlipFactory® ProSD and ProHD** simplify media file transfer in today's multi-format, multivendor video environments. Media are automatically converted and seamlessly transferred with metadata between all the major broadcast servers, edit systems, streaming servers, cable VOD servers, SANs and virtually any networked digital device in your facility.

### Save time, effort and money

FlipFactory eliminates tedious manual transcoding, cumbersome handling of tape and the need for digital-to-analog conversions just to get your media to its destinations – saving you time, effort and money.

### Consistent, hands-free processing

FlipFactory is your professional media processing factory. Set up factories once for consistent, high-quality output results every time. Simply set rules for where to look for your sources files, what to do with them and where to deliver them. FlipFactory automatically monitors folders for the arrival of new content, enhances media with pre-processing filters for high-quality output, transcodes and delivers your media – and sends job notifications.

### Formats and models for SD & HD workflows

FlipFactory ProSD provides the industry's broadest and deepest support for all the major professional video and audio file formats, systems and wrapper variants. Repurpose content to web, mobile, video websites, IPTV or cable VOD formats. Generate low-res proxies for desktop review and high-res archive formats.



FlipFactory ProHD provides all the same benefits, plus support for HD and MXF. Format support includes leading HD media servers, HD edit systems, MPEG VOD transport streams, H.264, Windows Media and QuickTime. It automatically monitors systems folders, accepts 1080i, 1080p or 720p HD files and delivers them to destination systems. Exclusive MotionResolve® technology upconverts SD interlaced content to superior quality 1080i and 720p HD output. HD VANC is preserved or inserted. Optional Dolby E decode & pass through is also supported.

#### Enhance your workflow

FlipFactory also offers options to enhance your workflow. Add Pipeline™ to ingest media from tape or live sources. Add FlipScan™ to analyze source media and metadata, including user-generated content. Brand and localize your video assets with GraphicsFactory® which tailors your media per region or source file. Our well-

documented SDK, included in FlipFactory, seamlessly integrates with all leading DAM systems and other third-party solutions to automate any workflow application.

#### Scalable, rock-solid server software

FlipFactory runs on your favorite Windows 2003 or 2008 server. Since it's fully scalable, processing can take place on one or multiple load-balanced servers providing high-volume processing to meet your exact media workflow 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.

#### Best in class customer support

You can rest assured that our highly-skilled technical team will be available to provide the quick and comprehensive support and guidance you need to fully leverage the power of your Telestream product.

#### Included in ProSD and ProHD

NON-LINEAR EDITORS	Browse	Monitor	Deliver	Notify
Adobe Premiere	■	■	■	
Apple Final Cut Pro	■	■	■	
Avid DS, Media Composer, Symphony, Xpress, Xpress DV, iNews, Newscutter	■	■	■	
Avid Liquid & Vortex	■	■	■	
Avid Unity, ISIS, Interplay	■	■	■	
OTHER				
Akamai	■	■	■	
Brightcove				■
ClipMail	■	■	■	■
ClipMail FTP	■	■		■
Email		■	■	■
FTP Folder	■	■	■	
Job Forward			■	■
Local Folder	■	■	■	
Local Storage	■		■	
MetaFlip Engine		■		■
Network Folder/Samba	■	■	■	
SAN	■	■		
SFTP and FTPS	■	■	■	
Slate/Spot Analysis			■	■
WebServer	■		■	

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

**Monitor:** Monitors a server for the arrival of new content

**Deliver:** Automatically delivers Factory jobs to destinations

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

#### Also included in ProSD and ProHD. Choose 2 of the following:

SERVERS	Browse	Monitor	Deliver	Notify
360 Systems Image Server 2000, MAXX HD	■		■	
Avid MediaStream	■	■	■	
EVS XT Server, Media Server	■	■	■	
Grass Valley Profile, PDR, K2	■	■	■	
Harris DTP			■	
Harris VR Series, Nexio, DVR Series	■	■	■	
Omneon Spectrum, MediaDeck, MediaGrid	■	■	■	
SeaChange BMS/BMC/BML, VOD	■	■	■	
SeaChange MVL			■	■
CAMERAS				
Grass Valley Infinity	■			
Ikegami GF	■	■		
Panasonic P2	■	■		
Sony XDCAM	■		■	
Sony XDCAM EX	■			
NON-LINEAR EDITORS				
Avid Unity/ISIS/Interplay via Transfer Manager	■	■	■	■
Optional for ProSD and ProHD				
NON-LINEAR EDITORS				
Grass Valley News Edit, News Browse				■

# Technical Specifications



FlipFactory ProSD/ProHD  
Product Sheet

## What's Included in FlipFactory ProSD and ProHD

### Professional configuration consisting of:

FlipFactory New Media Broadcast and two (user specified) options. FlipFactory ProHD also adds support for HD and MXF.

### New Media Platforms

- 3GP-enabled cell phones
  - Amazon.com
  - DVD
  - Flash Player
  - iPhone
  - iPod
  - iTunes
  - Playstation 3
  - YouTube
- and more...

MetaFlip Stylesheet option may be required

### Formats and Wrappers

See the extensive list on the FlipFactory ProSD | ProHD format sheet (also available on our website).

### Video, Audio and Graphics Processing

#### INCLUDED

**Video:** Blur, Color Rescale, Contrast, Crop, Darken Region, Field Order Conversion, Frame Mode, Gamma Correction, Hue, Inverse Telecine, Keyframe Extraction, Mask, MotionResolve®, Noise Reduction, Standards Conversion, Overlay, Saturation, Sharpen, Source Video Timing, Telecine, Temporal Interpolation, Time Code burn in, Trimming, Up/Down Conversion, Video Fade In/Out

**Audio:** Channel Mixing, Fade Up/Down, Normalization, Phase Invert, Up/Down Sampling

**Graphics:** Text, QuickTime or image single overlay (no timeline), Bumpers, Trailers, Stitching

System usage reports for spreadsheets

## OPTIONAL

### GraphicsFactory:

- Layer-based elements (timeline based)
- Audio Overlay
- Drop Shadow
- Fade-in/Fade-out
- Image Overlay
- QuickTime Overlay
- Text Generation
- Visual Template Creator

### Additional Features

#### INCLUDED

- Closed Captioning Synthesis from source or SCC file
- Conform
- Keyframe Extraction
- Media Expansion
- QuickTime-based file stitching
- Bumpers and Trailers
- Time Code burn in

## OPTIONAL

- Dolby E decode/passthrough
- HD VANC support (included in ProHD)
- IPV SpectreView
- ITU BS1770-3 Loudness
- Watermarking
- SDK available for custom integration

### System Configuration Requirements

**Operating System:** Windows Server 2003, or Windows Server 2008 R1 or R2

**Minimum Server:** Dual, Quad Core Processors, 4GB Memory High-speed RAID Storage or SAN recommended Ethernet adapter recommended

**Database:** SQL 2005 Express, SQL 2005 Standard or SQL 2008 Standard

**Client OSs:** Windows 7 and Mac OS X

