



## Enterprise-class video file format conversion with the world's most powerful universal transcoder



**Telestream Vantage® Transcode** simplifies media conversion in today's multi-format, multi-vendor video environments. Video and audio are automatically converted with metadata between all the major SD and HD broadcast servers, edit system, streaming server, cable VOD server, web, mobile and handheld file formats.

### Save time, effort and money

Vantage Transcode eliminates tedious manual transcoding, cumbersome handling of tape, and the need for digital-to-analog conversions just to get your media into the right file format – saving you time, effort and money.

### Consistent, hands-free processing

Vantage is your professional media processing system. Set up automated workflows once for consistent, high-quality results every time. Simply set rules for where to look for your source files, what to do with them and where to deliver them. Vantage automatically monitors FTP, network or local folders for the arrival of new content, enhances media with pre-processing filters for high-quality output, transcodes and delivers your media – and sends email notifications.

### Formats for SD & HD workflows

**Vantage Transcode** converts from virtually any source format to a broad range of web, mobile, edit, and VOD formats: WMV/VC-1, H.264, Flash 8 & 9, 3GPP, MPEG-2, MPEG-4, QT, MP3, AAC, WAV, WMA, AMR-NB, SD & HD Program Stream, SD & HD Transport Stream, and more. Exclusive MotionResolve® technology upconverts SD interlaced content to superior quality 1080i and 720p HD output. With ongoing support for evolving formats, you can rest assured that you'll have a content repurposing solution that you won't outgrow.

**Vantage Transcode Pro** provides the industry's deepest and broadest support for all the major professional video and audio file formats, systems and wrapper variants. In addition to web, mobile edit and VOD, Vantage

Transcode Pro offers complete format support for IPTV, MXF and all leading SD and HD broadcast server formats. HD VANC is preserved or inserted. Optional Dolby E decode or pass through is also supported. Media files can be delivered through FTP and network folders automatically.

### Enhance your workflow

Vantage also offers options and an upgrade path to enhance your workflow. Add Pipeline™ to ingest media from tape or live sources. Add Vantage Analysis to create "smart" transcoding workflows, which can automatically analyze source media and metadata, allowing the design of decision-making workflows that use analysis results during transcoding. Brand and localize your video assets with GraphicsFactory® which tailors your media per region or source file. Upgrade to Vantage Transcode Pro Connect to automate sidecar metadata transformation, monitoring of and delivery to broadcast servers using proprietary protocols, and web services notification.

### Scalable, rock-solid server software

Vantage Transcode runs on your favorite Windows 2003, 2008 or XP Pro server. Optimized for server architectures, Vantage Transcode ensures high performance. Automatic pause-and-resume capability ensures that high-priority media is processed as quickly as possible. Adding Vantage Array or one of the Vantage Enterprise System Management products allows for full scalability, load-balancing and redundancy, giving you 24/7 reliability and auto-failover. Processing can take place on one or multiple load-balanced servers providing high-volume processing to meet your exact media workflow needs.

### 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.

## Technical Specifications

### What's Included in Vantage Transcode

**Vantage Transcode** includes full HD support for web, edit, mobile and VOD formats.

**Vantage Transcode Pro** adds support for IPTV, MXF, and broadcast server formats.

**Vantage Transcode Connect** adds broadcast server monitoring, and metadata transformation to Vantage Transcode.

**Vantage Transcode Pro Connect** adds broadcast server monitoring and delivery, metadata transformation, and Avid Transfer Engine delivery support to Vantage Transcode Pro.

Please see the Telestream Website for a full comparison matrix.

### New Media Format Support

3GP-enabled cell phones	iPod
Amazon.com	iTunes
Break.com	Playstation 3
DVD	PSP
Flash Player	YouTube
Google Video	Zune
iPhone	and more

### Formats and Wrappers

See the extensive list on the Vantage format sheet (also available on our website).

### Video, Audio and Graphics Processing

**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, Mix external audio files

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

### Additional Features

#### Included

Closed Captioning Synthesis from source or SCC file	Media Expansion
Conform	Bumpers and Trailers
HD VANC support	Time Code Burn-in
Keyframe Extraction	YouTube Fingerprinting

#### Optional

Dolby E decode/passthrough	<b>Analysis</b>
IPV SpectreView	Aspect Ratio
608 to 708 caption up-conversion	Black detection
Avid AMT encoding and delivery to Interplay	Blockiness
<b>GraphicsFactory</b>	Curtain/Letterbox detection
Layer-based elements (timeline based)	Interlacing configuration
Audio Overlay	ITU 1770 loudness
Drop Shadow	Slate/Spot detection
Fade-in/Fade-out	Telecine detection
Image Overlay	PSNR comparison
QuickTime Overlay	Media file identification
Text Generation	<b>Connect</b>
Visual Template Creator	Broadcast server monitoring and delivery
	Avid Interplay receive and delivery
	Web Service notifications
	XML reading, writing, transformation

Professional System Format Support	Transcode	Transcode Pro
<b>Non-Linear Editors</b>		
Adobe Premiere	X	X
Apple Final Cut Pro	X	X
Avid DS, Media Composer, Symphony, Xpress, Xpress DV, iNews, NewsCutter	X	X
Avid Liquid & Vortex	X	X
Avid Unity, ISIS, Interplay	X	X
Grass Valley News Edit, News Browse	X	X
<b>Camera</b>		
Grass Valley Infinity	X	X
Ikegami GF	decode	decode
Panasonic P2	X	X
Sony XDCAM	X	X
Sony XDCAM EX	decode	decode
<b>Servers</b>		
360 Systems MAXX HD, Image Server	decode	X
Avid MediaStream	decode	X
EVS XT Server, Media Server	decode	X
Grass Valley Profile, PDR, K2, Summit, Solo	decode	X
Harris VR Series, Nexio, DVR Series	decode	X
Omneon Spectrum, MediaDeck, MediaGrid	decode	X
SeaChange BMS/BMC/BML	decode	X
SeaChange VOD, MVL	X	X
<b>Other</b>		
Email	X	X
FTP Folder	X	X
Local Folder	X	X
Local Storage	X	X
Network Folder	X	X
SAN	X	X
SFTP and FTPS	X	X

### System Configuration Requirements

Operating System: Windows Server 2003, 2008, XP Pro SP3  
 Minimum Server: Dual, Quad-Core Processors, 4GB Memory  
 High-Speed NAS or SAN Storage Recommended  
 GigE Ethernet adapter  
 Database: SQL 2008 Express, Standard or Enterprise  
 Client OSs: XP SP3, Vista, Windows 7, Server 2003, 2008

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