



7 Grape Street, London WC2H 8DW

## TSI Ingest Coding Services

### Supported Formats

#### VT Formats

Digi-Beta, DVC, DVC Pro,  
Beta SP, HDDV etc

#### Video Codecs

MPEG-1, MPEG-2, MPEG-4  
H.263, H.264, VC-1, Flash  
DV25, DV50, DVCPro  
DPS, DivX, JPEG 2000  
Image Sequences  
Windows Media, RealVideo

#### Media Containers

HDV  
MXF (including D-10/IMX)  
MPEG-2 PS, MPEG-2 TS  
GXF, LXF, QuickTime  
WMV, ASF, AVI, VOB  
3GPP, 3G2  
WMA, WAV, Broadcast WAV

#### Audio Codecs

PCM, MP3, DTS  
AAC, AMC, AMR-NB  
WM Audio, RealAudio

#### Systems

Leitch VR, Nexio  
Grass Valley Profile, K2  
Omneon Spectrum  
Quantel sQ  
Avid Editing Systems  
Apple Final Cut Pro  
Adobe Premiere Pro  
Grass Valley Edius

### Additional Functions

#### Basic Operations

Frame size conversion  
Frame rate conversion  
Colour space conversion  
Aspect ratio conversion  
Interlace/de-interlace  
Telecine/inverse telecine  
PAL/NTSC conversion  
SD/HD conversion  
Cropping  
Key-frame extraction  
Multiple target outputs  
Batch processing

#### Advanced Operations

Timecode imprint  
Subtitle/CC imprint  
XML controllable titler  
Metadata transport/conversion  
Line 21/CC conversion  
Watermarking  
Logo insertion  
601/709 colour space support  
Video capture board support  
Remote job submission  
Watch folder automation  
Segment extraction/insertion

#### Video Filtering

Fade in/out  
Median  
Blur  
Sharpen  
NTSC-safe  
Rotate  
Black/white correction  
Colour correction  
Gamma correction  
Temporal noise reduction

#### Audio Filtering

Normalize  
Low-pass  
Fade In/Out  
Volume  
Dynamic range compressor