Tachyon Wormhole™

Available exclusively in PixelStrings™

BENDING THE SPACE-TIME CONTINUUM

Simply the finest program retiming and slow-motion conversion solution

Features

- Adjust run time of file-based assets with no perceivable difference in playback quality

- Smooth-looking video leverages Cinnafilm's patented, 6th generation, motion-compensated algorithms to create optimized frames. With no dropped or blended frames, stuttering, jumping pans, and jitter during playback are avoided.

- Skywalker Sound™ Tools audio processing provides automatic loudness adjustment and pitch correction that maintains sync with all speed-adjusted video segments and associated captions. Invoking downmixing and audio channel remapping, at the same time the audio is processed for pitch and length, enables optimal total workflow efficiency.

- Use global settings or create a segmented cut sheet for precise control

- Scene-by-scene creative adjustment and on-the-fly recalculation for total target length

Specifications

- Video retiming, audio pitch correction, and caption retiming up to ±30%. Picture only: ±50% ramp up / ±300% ramp down

- Resolution / frame rate support
  - Spatial: PAL, NTSC, 720p, 1080i, 1080p, 2K, 4K(UHD)
  - Frame Rate: 23.976p, 24p, 25p, 29.97p, 25i , 29.97i, 50p, 60p

- Color: up to 16-bit 4:4:4:4

- Multi-function, single render processing pipeline

Retime Methods:

- Retime entire clip with single global setting

- Retime scenes / segments with explicit settings

- Retime based on timecode range

- Automatic adjustment of closed-captions for the new run length

- Super Slow Motion from 50 field and 59.94 field assets (up to 900%)

- Ignore (hold) segment

- Exclude (remove) segment

- Automatically "fit-to-fill" segment (to meet the target asset duration)

- Detect-and-pass "black/silence" slug