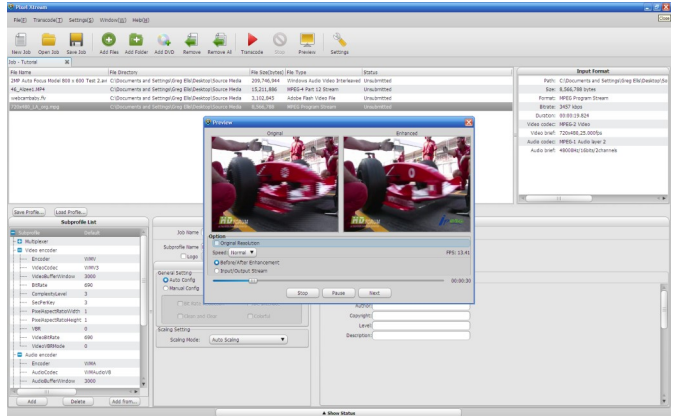![Finixity logo]

FINIXITY PIXEL XTREAM

- **Powerful transcoding software delivers extreme speed and quality**

- **Transcoding for web, mobile, IPTV, and broadcast delivery**

- **Bridges workflow gaps between ingest, editing, and production systems**

The Finixity Pixel Xtream® software is ideally suited to meet the challenges of repurposing and monetizing video content for new media platforms. It is high volume multi-format, file-based, on-demand video transcoding software that delivers best-in-class speed, throughput and video quality.

Pixel Xtream delivers superior visual quality at all bitrates. Using Finixity's patented intelligent video enhancement tools, Pixel Xtream can analyze source video to filter existing noise, distortion, and artifacts without introducing new distortions. Enhancement tools allow transcoding to lower bitrates for all
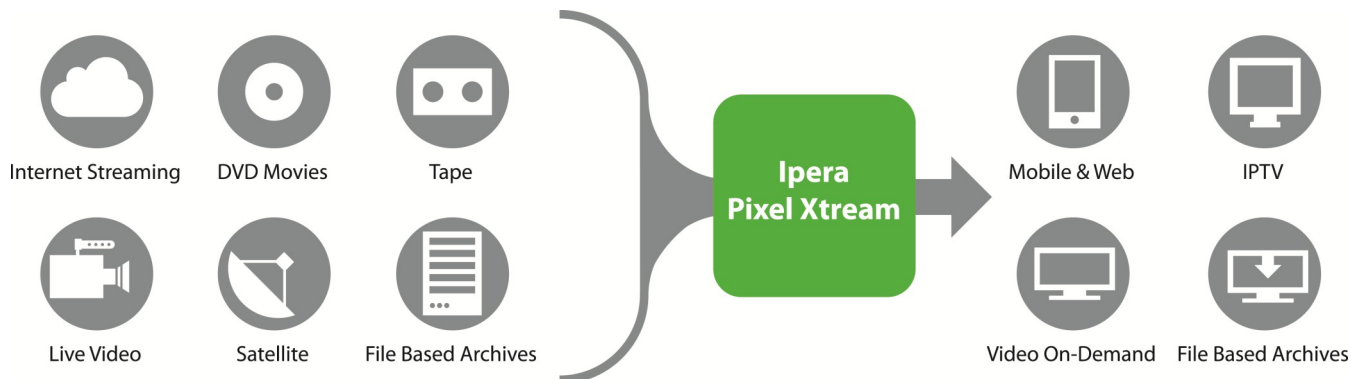
source content while visual quality is enriched with sharper contrast, improved brightness, more vibrant color, and sharper edges and details.

Pixel Xtream is a multi-threaded application that bridges the gap between ingest, editing, and production systems. It integrates easily into digital media workflows with its automated watch folder and web publishing features.

Finixity's unique interface and automation design provides powerful tools that reduce setup times and the need for constant operator monitoring and interaction. The Pixel Xtream tools for

KEY FEATURES

- Extensive format support, including all popular web, mobile, post production, and broadcast file types.

- Full support for HD and SD scaling, web and mobile formats, and frame rate conversion.

- Includes powerful deinterlacing tools.

- Output formats include H.264, Flash, MPEG-4/MP4, 3GPP, MPEG-2, WMV/VC-1.

- Proprietary intelligent pre- and post-processing tools deliver high quality video from low quality sources.

- Ingest user generated content and apply powerful deblocking, noise reduction, contrast and color correction filters.

- Automation tools allow hands-free operation. Defined API's support third-party integration.

- Save and reuse transcode profiles.

- Create watch folders to simultaneously accept content from multiple external systems. Publish output to network shared folders.

- Job queue management supports priority processing of the most important files.

- Intuitive user interface exposes important file format and video and audio codec settings.

- Unique side-by-side preview allows users

Internet Streaming | DVD Movies | Tape
Live Video | Satellite | File Based Archives

Ipera Pixel Xtream

Mobile & Web | IPTV
Video On-Demand | File Based Archives

BENCHMARK DATA

Use Cases	Target Format	Source Format
		12 Mbps 1080i HD MPEG-2TS
Mobile	3GPP H.264 320 x 240 128 kbps	10.8 X
Mobile	iPhone 640 x 480 700 kbps	7.5 X
Web	Flash 9 480p 2 Mbps	6.5 X
Web	MP4 H.264 640 x 480 700 kbps	7.5 X
Web	WMV VC-1 480p 1.5 Mbps	3.2 X
Broadcast IPTV	MPEG-2TS H.264 480p 800 kbps	7.0 X
Broadcast HD	MPEG-TS / H.264 1920 x 1080p 5 Mbps	2.0 X

Performance data based on a system with single i7-2700K 3.5GHz CPU and 8GB RAM.

SYSTEM REQUIREMENTS

OS: Windows XP/Vista/7/8, Windows Server 2003/2008/2012

CPU: Quad Core, 2.0 GHz minimum

RAM: 2 GB minimum (> 4 GB recommended)

FORMAT SUPPORT *

Video Codecs

- MPEG-1, MPEG-2, MPEG-4
- Flash, H.263, S263, Intel H.263, H.264 (AVC)
- DVD
- WMV v7, v8, v9, VC-1
- DV, DV25
- MJPG
- Indeo, Sorenson v1, v2, v3
- ON2, Cinepack
- DivX v3, v4, XviD

- MPEG Program Stream
- WMV, ASF, MP4/MOV/QuickTime
- MKV, VOB

Audio Codecs

- AAC LC/HE
- MP3, MPEG Layers 1/2
- WMA v7, v8, v9, Lossless
- PCM (signed/unsigned, LE, BE)
- WAV

Media Containers

- 3GPP, 3GPP2
- DV
- MPG, M2V, M4V
- MPEG Transport Stream

* Some formats are only supported on input. Contact us for the latest format support list.

www.finixity.com