



Press Release

June 2010

FOR IMMEDIATE RELEASE

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Transcoding just got better

Northwich, Cheshire, 7th June 2010, Kane Computing have just announced a new addition to the Pixel Xstream range of broadcast transcoders, the L2400 Streaming Encoder. The L2400 is a single channel 2U unit that comes standard with HD SDI ingest, IP ingest and MXF support.

All of the Pixel Xstream products including the Pixel Xstream Software Transcoder benefit from the patented intelligent video enhancement engine, which automatically removes noise, distortion and artifacts, whilst enhancing contrast and improving brightness prior to encoding allowing lower bit rates, more vibrant colour and sharper edges and details than competitors products.

The Pixel Xstream L2400 is an HD + SD streaming media encoder and transcoder. It has the ability to ingest live video, streams and video files. It can encode or transcode in real-time and either stream out, save to file, or both. It is ideally suited to meet the challenges of repurposing and monetising content for a variety of web, mobile, IPTV and broadcast platforms.

Pixel Xstream L2400 can be run as a standalone unit or as part of a multi-node server farm automating enterprise-wide operations under control of the optional NetCommander management application. It integrates easily into digital media workflows to effortlessly deliver better quality HD and SD video at the lowest bit rates possible.

The Pixel Xstream L2400 allows users to minimise bandwidth usage and deliver superior visual quality at all bit rates while it automates ingest and delivery of real-time and on-demand content to new media platforms. Using Ipera's patented intelligent video enhancement engine, Pixel Xstream L2400 analyses the source video and automatically removes existing noise, distortion and artifacts while minimising or preventing new distortions. This results in lower bit rates for all source content while visual quality is boosted with sharper contrast, improved brightness, more vibrant colour and sharper edges and details.

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Pixel Xstream L2400's intuitive interface gives you complete control over every aspect of the process. Capture and Stream a live video source, simultaneously ingest it to a file archive, or convert a single file into any number of target formats. The low latency of the video enhancement engine enables an always-on adaptive enhancement mode. This removes the need for manual settings to accommodate scene changes or varying source video quality without impacting real-time HD performance. Pre-defined or user-defined job templates specify capture and encode settings, video and audio processing functions, and delivery options. They can be easily reused, further automating production and improving efficiency.

The L2400 compliments the L2200 Streaming Encoder which additionally supports analogue inputs and a wide range of input video formats, codecs and media containers.

About Kane Computing

KCL (www.kanecomputing.co.uk) has been providing the broadcast industry with video encoding technology, particularly for Video On Demand (VOD) applications for many years. New intelligent transcoders with built-in video enhancement complete the line-up of software products. Real-time hardware encoders supporting SD/HD and MPEG2/H.264 compliant extend the portfolio further. This core expertise is complimented by broadcast management tools for automated production and complete network management plus media analysis, detection and monitoring solutions.

About Ipera Technology, Inc.

Ipera Technology (www.iperatech.com) headquartered in Redwood City, CA, focuses on leveraging its patent-pending video enhancement technology to deliver extremely efficient solutions that improve the video quality of a broad range of video-enabled business and consumer products.

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