

Pixel Xstream Broadcast Transcoder News

Kane Computing Ltd are pleased to announce a major new software release for the Pixel Xstream New Media Transcoder 2 and the Pixel Xstream L2200 transcoder; plus another new product the Pixel Xstream Network Transcoder, following on from the Pixel Xstream L2400 Streaming Encoder launched in June.

New features in Version 2.9 software include pass-through of EIA 708 closed captions and Dolby audio, insertion of open-captions/subtitles, support for DNxHD, JPEG2000 and MPEG-2 output in MXF file format, ingest of DVCPro and DVCPro HD content in MOV, MXF, and AVI files, and an XML API for easier integration with existing workflows. The new release also features substantial improvement in the frame-rate conversion quality making Pixel Xstream an excellent value choice for broadcasters and other professionals who regularly need both format and standards conversions.

Also just released is the Pixel Xstream Network Transcoder, a software application that combines all the features and performance of the New Media Transcoder with IP ingest and streaming output capabilities. It is ideal for webcasting and multichannel streaming applications. It is also an excellent fit for multichannel applications such as OTT video where Pixel Xstream delivers the same per channel cost as competing single format solutions while users benefit from Pixel Xstream video quality and the flexibility of a multi-format software product.

All of the Pixel Xstream products including the Pixel Xstream Network 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 new Pixel Xstream v2 sets the standard for raw transcoding performance, running up to three times faster than any other software-based product available on any given platform. Pixel Xstream's intelligent, always-on enhancement mode removes distortions and applies visual enhancements without operator intervention, resulting in better video quality, lower bit-rates and dramatically improved productivity.

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Press Release

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The new Pixel Xstream v2 is specifically designed to cost-effectively address the speed, quality and bandwidth requirements of online video destinations, broadcasters, and cable and telco service providers. Pixel Xstream v2 is engineered to process large volumes of simultaneous transcode and transrate operations, providing considerable quality, throughput and cost advantages that are critical to distributing growing volumes of HD source content.

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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