



Press Release

May 2006

FOR IMMEDIATE RELEASE

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AEME to add Dolby Digital Plus pass-through to its MPEG-4 AVC Encoder PC Suite

Kane Computing announce that Aeme the leading provider of hardware and software technologies for advanced video compression (AVC) on DSP, PC and FPGA have added new Dolby audio related features to its integrated MPEG-4 AVC/H.264 Offline Encoder PC Suite.

The PC MPEG-4 AVC Encoder Suite currently used for fast HD content generation, in Baseline, Main and High Profiles, adds the Dolby Digital and Dolby Digital Plus pass-through features allowing content to be available with the widely adopted Dolby format. This is in addition to the current MPEG and AAC audio encoders support by this product.

Benefiting from Aeme leadership and pioneering development (patented) in advanced video compression, this full featured encoding solution, which is already deployed and in production use, offers unprecedented high quality video at lower bitrate to video professionals.

The PC application can be easily integrated in production workflows. It supports interlaced MBAFF or progressive video, in a variety of formats and resolution from QCIF upto 4kx2k (level 5.1), including 720p and 1080i formats, reading any file format with available DirectShow filter. As a strictly standard compliant (ISO/IEC 14496-part 10 and 1, ISO/IEC 13818-1) and the most comprehensive implementation to date, it is fully configurable and supports all profiles: Main, Baseline and High, with variable GOP configuration, pixel motion estimation (1, ½ or ¼), bit rate control mode (CBR, VBR, Dual pass). Professional pre-processing (de-interlacing, exclusive noise filtering, 3:2 pulldown), mono or stereo audio compression (MPEG audio, AAC) and now Dolby Digital and Dolby Digital Plus pass-through.

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Kane Computing Ltd

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ATEME to add Dolby Digital Plus pass-through to its MPEG-4 AVC Encoder PC Suite

Ateme's MPEG-4 AVC Encoder PC Suite is the perfect tool to guarantee the ultimate HD experience, with immediate usage of existing MP4 or MPEG02 TS files in VOD servers, content delivery to TV and mobile systems. This Windows™ based PC Suite is easy to use locally or remotely, through a batch manager or dropping directories associated to custom presets, allowing one-click encoding.

This encoder provides innovative simultaneous transmission whilst encoding which allows valuable time saving for cases such as news gathering. Not only is the encoding time totally masked, AVC encoding provides a better quality picture with a lower bit rate, thus preserving bandwidth.

The Ateme MPEG-4 AVC Encoder PC Suite is available now to professional end-users, integrators and OEMs. It compliments Ateme's AVC technologies which include VHDL IPs (Intellectual Property) for FPGA and DSP CODECs and Kompressor AVC PCI real-time encoding board.

About ATEME

ATEME (www.ateme.com) is a world-leading provider of advanced video compression technology: H.264, MPEG-4, WM9™. Its expertise is available through IP cores for FPGA, DSP and PC libraries, development platforms, production-ready designs and custom services: A/V consulting, H/W design, IPs customization, S/W integration... The superior quality of its encoding IPs and the interoperability of its codecs have been widely recognized by both independent testing and customers' benchmarks and make them the best choice for video security, streaming media or pro AV appliances.

About Kane Computing Ltd

KCL has been providing Image Processing, DSP and high performance computing products for use in industry, education and research since 1987. The last few years has seen considerable growth within KCL in the high performance and Digital Signal Processing markets. KCL started life as Sension Advanced Computing, designing, manufacturing and supplying parallel processing products based around the Inmos transputer. In 1995 it became part of Kane International Ltd and subsequently changed its name to Kane Computing. In October 2001 Kane Computing became an independent Company, Kane Computing Ltd. KCL are now regarded as the primary source of fully supported development tools for Texas Instruments series of DSPs in the United Kingdom. KCL provide a whole range of products based around Texas Instrument's TMS320 range of DSP's. This includes starter kits, development systems, application boards and emulators. KCL has a policy of continual improvement and operates its business in accordance with the requirements of ISO9001:2000.

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