



We are The Codec People



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■ 11/2009

Convergent Design: Users of nanoFlash to receive OEM version

Here's a special offer for Convergent Design nanoFlash or Flash XDR users! Upgrade your Adobe Premiere Pro CS3/CS4 to work with all of Convergent Design's high bit-rate MXF 4:2:2 files.



High bit-rate 4:2:2 files can be incorporated and edited with the MPEG Pro HD4 XDCAM Plug-In.

Work natively with the high-quality images created by the Flash XDR and the nanoFlash, as well as with all of Sony's Optical Disk - XDCAM formats.

Conversion Packs Update



New features include the support of the XDCAM EX format 1440x1080 HQ and SD (DV-AVI), as well as the conversion of XDCAM EX files with multiple input streams to 24-bit in MXF container.

MainConcept Releases Codec SDK 8.5.1

DXVA support for various Low Level Decoders provides better video quality

The latest version of the MainConcept Codec SDK contains several improvements and new features. You'll find new capabilities in the DirectShow filters and Low Level components, as well as other solutions that improve on previous SDK versions. Detailed Release Notes are part of the full/evaluation SDK.

Some key features of Codec SDK 8.5.1 at a glance:

- New preset for XDCAM HD 422 1920x540 CBR 25 Mbit profile.
- High 4:2:2 Profile support in the H.264/AVC Encoder.
- Target Quality Mode (TQM) added to the H.264/AVC Encoder.
- 20/24 bit DVD LPCM support added to Media File Importer and MPEG Demultiplexer.
- DXVA 2.0 support now also available for H.264/AVC, VC-1 and MPEG-2 Decoder Low Level.
- DXVA 2.0 support now also available for DirectShow VC-1 Decoder filter.
- New Transform Video Color Space Converter included in Codec SDK.
- MXF components now with Ikegami and various Operational Pattern (OP) support.
- Dolby Digital support in MP4 Muxer Low Level.
- 7.1 audio channel support in AAC Encoder and Decoder.
- Codec SDK includes new samples now for both Low Level and DirectShow.
- VC-1/WMA/ASF support in Media File Importer.
- XDCAM EX single clip support in MP4 Demuxer DirectShow filter.
- Support for AAC LATM muxing in MPEG Transport Streams.

Codec SDK Now Comes With a New Set of Powerful Source Code Samples

More than 50 samples provide a glimpse of the SDK's capabilities

The MainConcept Codec SDK comes with a new set of source code samples that provide a guide for using the various components. The tools include project files for all supported platforms. Check out the all of the new SDK sample applications that you can download separately from the "Docs & Samples" section within the login area of our Customer Portal. Here you will also find SDK Release Notes and Documentation for instant download.





Visit our partner Ipera Technologies to see how it implemented the MainConcept Codec SDK and boosted quality in all bitrates. Booth #529, CA 17-19 November.

Ipera Technology Implements MainConcept Codec SDK into Pixel Xtrem Transcoding Solution

Boosts quality in all bitrates

Ipera develops and markets professional grade transcoders and streaming encoders for broadcasters, content producers, online and IP video providers.



To achieve its quality advantage and deliver on the promise of lower bit rates, Ipera combined its patented Pixel Magic® intelligent video enhancement engine with MainConcept's industry-leading professional codecs. Ipera's intelligent enhancement engine analyzes incoming video and removes noise, distortion, and artifacts as needed, delivering cleaner video to the MainConcept codecs and resulting in much higher quality video and lower bit-rates. Visual quality is boosted at all bit rates with sharper contrast, improved brightness, more vibrant color, and sharper edge details.

The Pixel Xtream line of high-volume, high-speed software transcoders and streaming encoders delivers superior video quality, automating delivery of content to a wide variety of new media platforms while enabling lower bit rates than other transcoders and encoders. They offer blazing processing speeds and unparalleled throughput, processing files up to 3x faster on any platform than other transcoder solutions.



Find us in Hall 5, Booth 5302.



www.codecby.com



Want to purchase online?

- [MainConcept MPEG Pro™ HD 4 H.264/AVC & MPEG](#)
- [MainConcept MPEG Pro™ HD 4 Broadcast Suite](#)
- [MainConcept Conversion Packs](#)

MainConcept Releases MPEG Pro HD 4.1

Update available! Advanced new features improve editor's daily workflow

The new version of MPEG Pro HD 4.1 comes with the following features and improvements that will improve your daily workflow:

- Full MPEG-1/2, DV/DVCPRO and AVC-Intra Smart Rendering support now also available under Premiere Pro CS4.
- Full screen playback on a secondary monitor in a dual view setup.
- Improved timeline and source video playback performance with up to 20% less CPU load.
- Optional 4GB split of P2 or XDCAM EX exports to an NTFS volume for the purpose of copying it to a FAT 32 formatted media later on. Import of [Convergent](#) NanoFlash MXF files.



MainConcept Expands Distribution Channel with Sensing Systems, Inc.

Sensing becomes first company authorized to resell MainConcept™ Codec SDK Solutions into the military, government, and aerospace markets

Sensing Systems, Inc. a renowned developer of digital media management and exploitation software products for the military, aerospace and government market segments, is now authorized to resell and license the entire lineup of MainConcept™ Codec SDK solutions to its customers.



Previously, it had integrated MainConcept Codecs into its Tungsten Media Toolkit product to enable fast, high-quality encoding and decoding of MPEG-2, H.264, and other prevalent video formats.

As the only company authorized to resell MainConcept Codec SDKs to the military, aerospace and government market segments, [Sensing Systems](#) will provide customers within these highly vertical market segments with access to MainConcept's vast library of audio and video encoding and decoding products.

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