

MAINCONCEPT AVC ENCODER PLUGIN FOR FFMPEG

Performant, Reliable Encoding with Simple Integration

AVC is one of—if not *the*—most used formats in the production and distribution of video content.

THE BEST OF BOTH WORLDS: MAINCONCEPT AND FFMPEG

Widely recognized as the premier provider of professional video codecs, MainConcept developed its line of FFmpeg Plugins so users of the popular FFmpeg open-source software could benefit from MainConcept's highly performant encoders with a simple plugin approach for fast integration. The MainConcept AVC Encoder Plugin for FFmpeg comes packed with features ideally suited for Video on Demand (VOD) and live Over the Top (OTT) production workflows.

LOW-BITRATE ENCODING WITH SUPERIOR QUALITY AND SPEED

The MainConcept AVC Encoding Plugin for FFmpeg is optimized for low-bitrate encoding with superior quality and speed with options for hardware encoding and 2-pass encoding as well as ready-to-use presets for OTT content creation, MPEG-DASH & Apple HLS

HARDWARE ENCODING OPTIONS: THE CHOICE IS YOURS TO MAKE

With the MainConcept AVC Encoder Plugin, you have the option to use hardware encoding powered by Intel Quick Sync Video (IQSV) or the new encoding option supporting NVIDIA NVENC AVC. Whichever you choose, you can relax knowing that MainConcept has thoroughly tested both options to ensure you get the customer experience you deserve.

ENCODING SETTINGS & SUPPORT FOR SUPERIOR QUALITY

MainConcept gives you 2-pass encoding support for enhanced quality in file-based workflows. You can pass encoding parameters via the FFmpeg command-line or employ ready-to-use MainConcept config files that come complete with all available codec settings.



MainConcept AVC/H.264 also comes in a [full-featured SDK](#).

OPERATING SYSTEM

- Microsoft Windows 8, Windows 10 (64-bit, x86)
- Linux x86 Ubuntu 16.04 LTS, CentOS 7.4 glibc 2.17 (64-bit)
- Linux ARM Ubuntu 18.04 glibc 2.27, Ubuntu 20.04 glibc 2.31, CentOS 8 glibc 2.28 (64-bit)

2X FASTER & MORE EFFICIENT ENCODING THAN X264*

EASY TO INTEGRATE

A simple plugin approach brings MainConcept® encoders into your new or existing FFmpeg environment

COMPLETE AAC PORTFOLIO COVERAGE

MainConcept is proven to outperform open source codecs, with familiar FFmpeg libraries and toolsets*

ADVANCED FEATURES

Gain access to ready-to-use presets, and more

KEY FEATURES

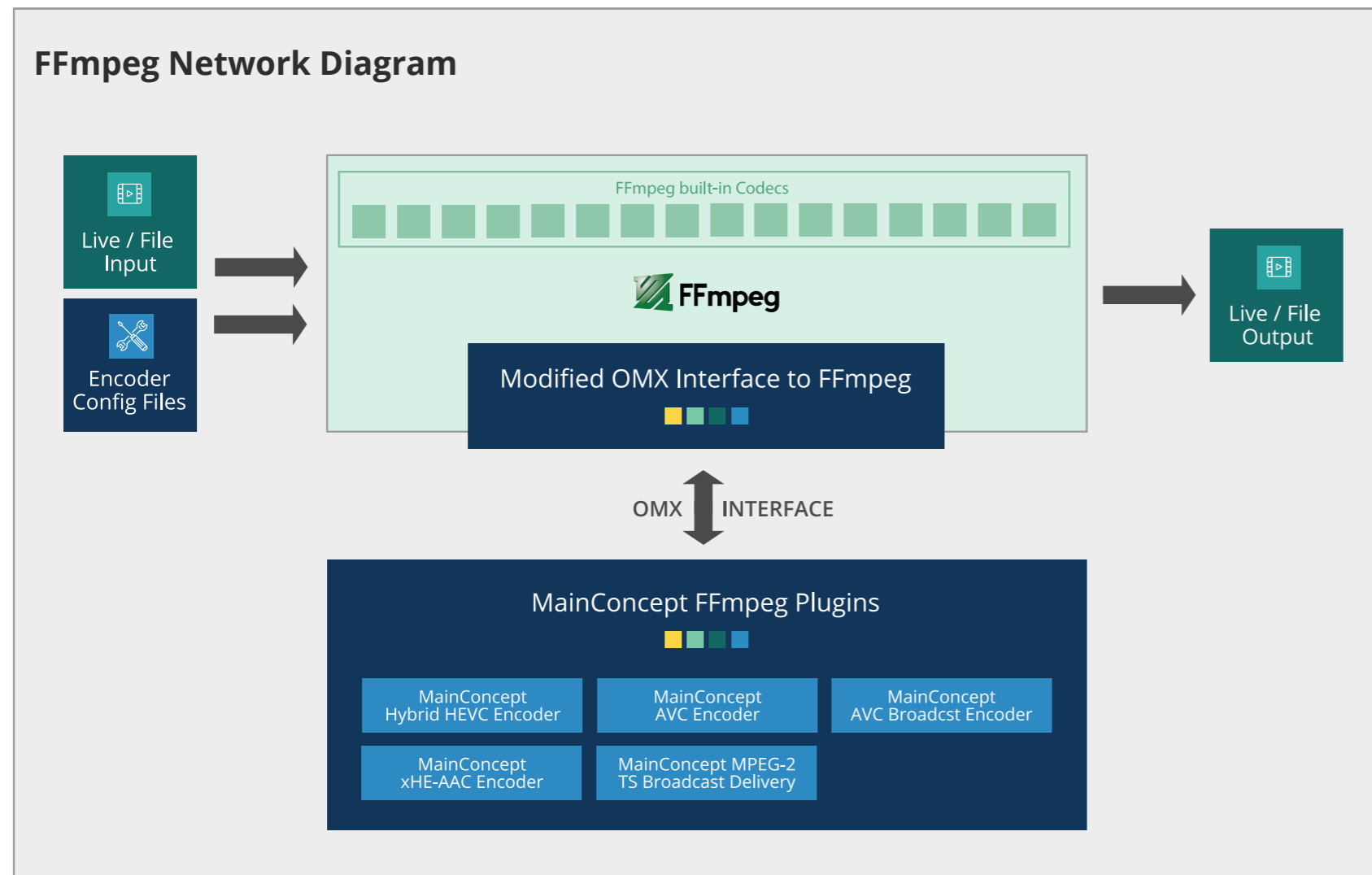
- Hardware AVC encoding powered by NVIDIA NVENC & Intel Quick Sync Video
- Ready-to-use presets for DASH-264 and Apple HLS-AVC
- Optimized for low-bitrate encoding with superior quality and speed

OPTIMIZE WITH MAINCONCEPT PROFESSIONAL SERVICES

* According to recent encoder test data comparing MainConcept AVC against x264 for a specific use case

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MAINCONCEPT FFMPEG PLUGINS

The MainConcept FFmpeg Plugins are a highly flexible product line to use the industry-leading MainConcept libraries seamlessly in FFmpeg-based use-cases and environments. The simple plugin approach for fast integration into FFmpeg leads to quick results without the need to change your workflow. Full parameter control of the MainConcept SDK libraries in combination with FFmpeg's built-in components brings world-class video and audio quality to your solution or service. MainConcept FFmpeg Plugins are free to try and easy to integrate into your workflow.

ABOUT MAINCONCEPT

MainConcept provides audio and video codec solutions that fuel creativity and business across the globe—from professional video production, multimedia, broadcast, digital signage, and gaming to the medical and security verticals. Our software development kits, transcoding applications and plugins deliver the simplicity you need with the customer experience you deserve. Since 1993, MainConcept codecs have been used by hundreds of organizations including Adobe, Autodesk, Corel, Dalet, Encoding.com, Endeavor Streaming, Grass Valley, Intel, MAGIX, Nikon, PlayBox Neo and Soliton. For more information, visit www.mainconcept.com.

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MORE INFORMATION

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