



**MAIN**<sup>™</sup>  
**CONCEPT**

- [www.mainconcept.com](http://www.mainconcept.com)
- [www.mainconcept.com/getting-started](http://www.mainconcept.com/getting-started)



# MAINCONCEPT CODEC SDK

Comprehensive A/V codec library for the rapid development of media encoding, decoding, transcoding and streaming solutions

## THE MAINCONCEPT PROMISE

Try our Startup Kit before licensing the SDKs

Free to evaluate, lower cost and reduced time to market.



Worldwide and total customer support.



Up to 60% faster video processing performance.



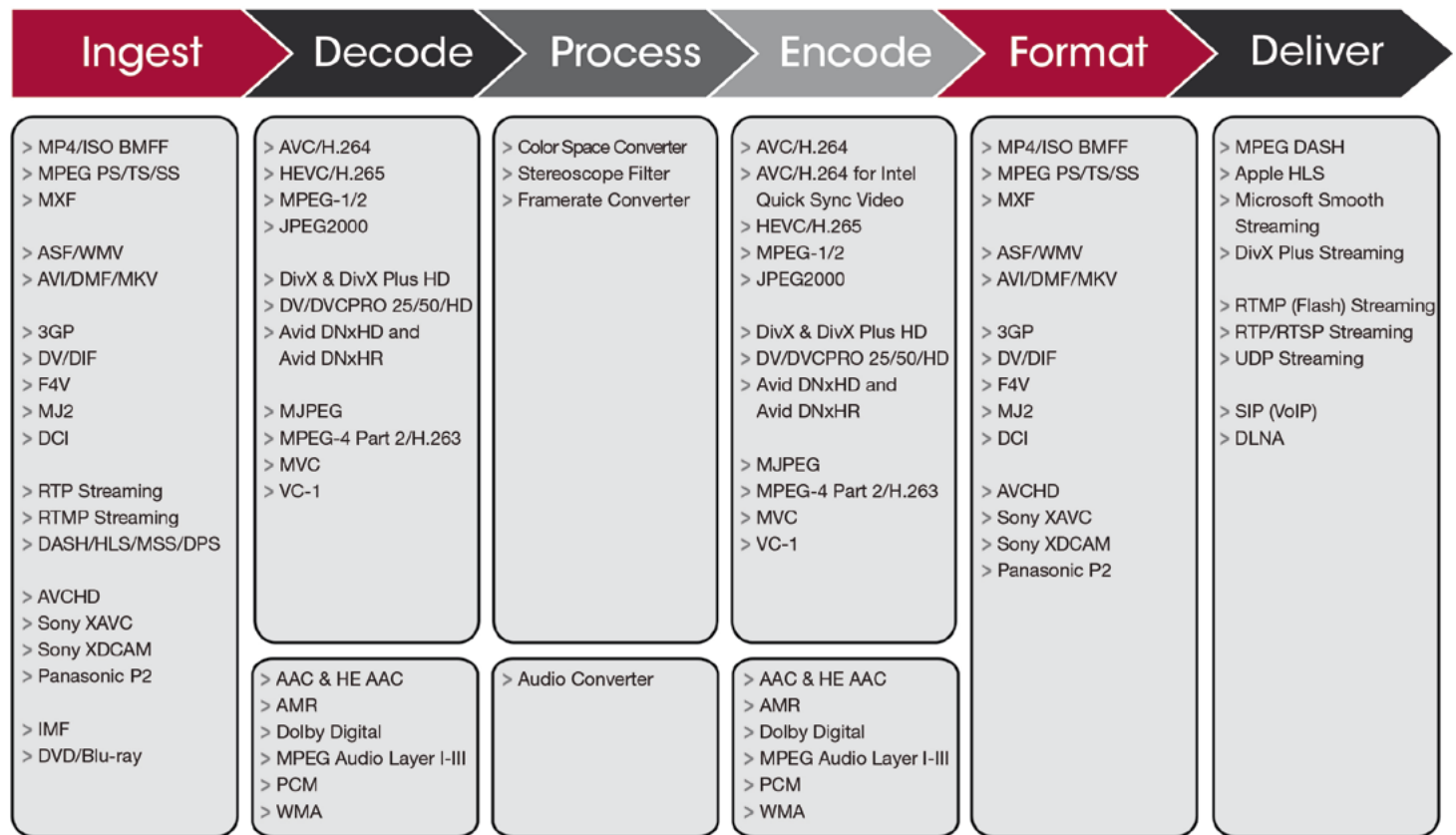
In a world of growing business and consumer demand for content “anytime, anywhere,” it is essential to deliver quick solutions to support the latest digital delivery formats and codec requirements. Developers must manage different delivery channels and streaming protocols in addition to addressing the many codecs, formats and standards that exist in today’s multi-format, multi-device world.

The MainConcept SDK provides developers with an extensive library of codecs and formats available for 3rd party integration, and thanks to a common API architecture, implementing additional formats or codecs is fast and efficient. Another mission-critical benefit is our dedicated developer support network that offers engineering assistance to enable quick integration into your product, service or environment.

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## Technical Specifications



## MainConcept Technology Highlights

### MPEG-DASH

MainConcept provides SDK components to enable the following:

- **File and Playlist Creation** – HEVC/H.265 or AVC/H.264 encoded video with DASH compliant AAC audio packaged with DASH common encryption wrapped into ISO BMFF along with a playlist file.
- **MPEG-DASH Playback Client** – Available for PC and mobile platforms, DASH playback clients enable consumer devices to select the optimal bitrate for the best playback experience.

### Ultra HD 4K/8K

MainConcept SDK includes extended support for Ultra HD by offering various 4K/8K encoding and muxing profiles recommended by the ITU. In addition, our codec packages support the latest professional Long GOP camera formats, such as Sony XAVC and Panasonic LongG.

### HEVC/H.265

The MainConcept HEVC SDK offers comprehensive encoding and decoding support for the 4:2:0 Main and Main 10 profiles including support for HDR signaling and BT.2020 enhanced color gamut. The H.265/HEVC SDK offers real-time 4K60 encoding to support live streaming solutions, with decoder support for real-time playback on PC in various profiles and levels up to 8K30.