Easy Video API

Eliminates the need to choose between hardware & software

MainConcept Easy Video API (EVA) is a single API, enabling both software and hardware video codecs for the AVC/H.264, HEVC/H.265 and AV1 standards.

It **combines** MainConcept's industry-leading **software** encoding and decoding technologies with the high performance of today's GPU **hardware processing** powered by AMD, Intel and NVIDIA.

Using **one API** instead of four, MainConcept EVA can significantly reduce implementation time and costs.

FLEXIBLE

Combine software &
hardware processing

EFFICIENT
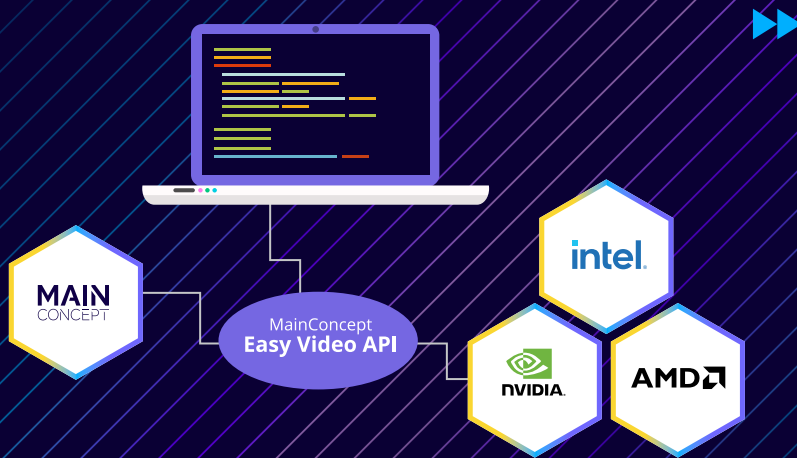
Reduce energy
consumption

LIGHTWEIGHT

Save significant
time & money

FEATURES

- Multi-codec and format availability: AVC/H.264, HEVC/H.265 and AV1
- Works with AMD, Intel and NVIDIA GPUs
- Software codecs add improved quality and unsupported GPU features
- Video encoder or decoder libraries
- Live and VOD workflows on-premise & in the cloud

HOW DOES IT WORK?

MainConcept Easy Video API

MAIN CONCEPT

intel.

NVIDIA

AMD

YOUR BENEFITS

- Fast deployment: Use one SDK with a single API, not four
- Save time & money: 75% less integration efforts
- High flexibility: Select the GPU that is right for your use case
- Less energy: Rely on more power efficient GPUs
- Easy access: Single point of contact for support

INGEST
Process video with most efficient decoder

TRANSCODE
Use SW & HW codec by implementing a single API

ENCODE
More realtime channels without accessing HW details

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