

This document presents an overview of the GPAC Licensing features.
This page doesn't feature the list of all details and profiles for each specification.
Please contact us if you wish to know more.

GPAC LICENSING

Factsheet



PLATFORM

Windows 32/64 bit ■ Mac OS X 32/64 bits ■ Linux 32/64 bits ■ Android ■ iOS ■ Symbian
Windows Mobile ■ Embedded: ARM/ARC/MIPS/SH4/... architectures



CAPABILITIES

Package and stream ■ Inspect ■ Playback ■ Create interactive content

Modular media processing pipelines, including encoding and decoding via third party libraries

→ **Our software can build custom media processing pipelines**
including any combination of audio, video, subtitles, metadata, scalable graphics,
encrypted media, 2D/3D graphics and ECMAScript.



APPLICATIONS

A playback application ■ A packager application ■ Javascript and Python bindings

A command-line media pipeline application builder that's both powerful and easy to use



DEPENDENCIES AND EXTENSIBILITY

Our software can extend its capabilities by the use of third-party libraries.

BE PART OF OUR MAILING LIST !

For further news, update, tutorials on GPAC Licensing and
all of Motions Spell 's products.



SUBSCRIBE



FEATURES

AUDIO

MPEG audio (mp1/2/3, aac)
AC3
E-AC3
Opus
FLAC
...

VIDEO

MPEG 1 / 2 / 4 (H264/AVC)
H (HEVC)
AV1
VP9
Theora

SUBTITLES

WebVTT
TTML (full, EBU-TTD, ...)
3GPP/Apple Timed Text
...

ENCRYPTION

CENC/CENS/CBCS
PIFF
ISMA
OMA
...

CONTAINERS

MP4/fMP4/CMAF
Quicktime
MOV/ProRes MOV AVI
MPG
OGG
MKV
...

STREAMING

MPEG-2 Transport Stream
DVB MPE and DSMCC
RTP
RTSP
HTTP
Apple HLS
MPEG-DASH
ATSC 3.0 & DVB mABR ROUTE
...

SUPPORTED IOs

Local files
Pipes
UDP/TCP sockets
HTTP(S)
Custom IOs

PRESENTATION FORMATS

MPEG-4 BIFS
SVG Tiny 1.2
VRML/X3D

INPUTS

Microphone
Camera
Desktop grabbing

OTHER

JS scripting for both
SVG/BIFS/VRML and extending
GPAC framework tools
*
3D support (360 videos,
WebGL JS filters...)



Highly configurable media processing pipeline technology
An extensive documentation is available on request.
Our software passes an extensive test suite.

LET'S DISCUSS ABOUT YOUR PROJECT

If you have any questions please contact us!

