

SceneScope Pro



Analytical tool for all MPEG-4/3GPP/PIFF industry standards

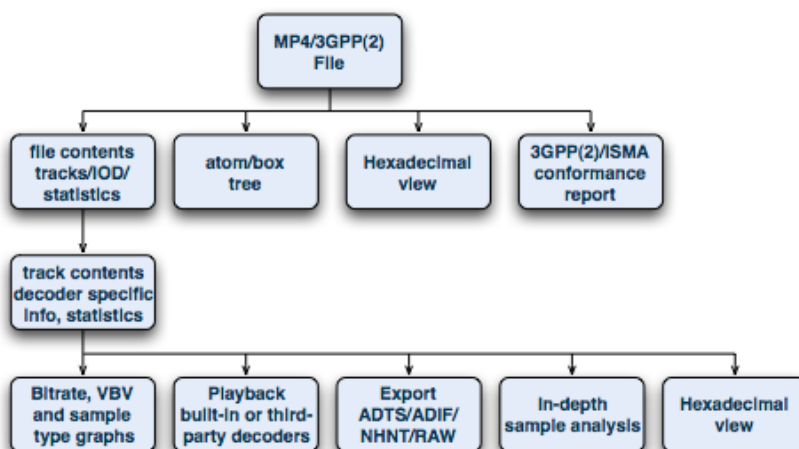
SceneScope is an analytical tool for understanding and meeting all MPEG-4 / 3GPP / PIFF industry standards. It enables you to analyze, verify and export your MPEG-4, PIFF and 3GPP files. SceneScope can be used for an exceptionally wide range of content types and provides clear exportable reports on all file layers.

The tool provides cost-effective analysis of

- MP4 file structure
- MPEG-4/H.263/H.264 video
- AAC-LC/HE-AAC/AMR audio
- RTP hint tracks
- BIFS tracks

Key features

- Strict conformance testing against MPEG-4, 3GPP, PIFF and ISMA video and audio standards
- Verification of stream integrity on video, audio and system level
- Decoding and error-reporting for an unrivalled number of track types
- Parsed and raw sample data, decoder specific info, atom trees, profile information and more
- Clear bit-rate, VBV and sample type graphs
- Plugin support for a wide variety video and audio decoders
- Easy switching between installed audio and video decoders for playback, making interoperability testing from within just one application a reality!
- Clear and easy to navigate interface



Applications

- Quality Assurance
- Codec & tools development
- Video on Demand
- Education

Why buy?

- In-depth analysis and error / compliance-feedback
- Unrivalled range of track types
- Simple, easily navigable interface
- Interoperability testing of audio and video within a single application

Inputs

MPEG-4 systems files	.mp4, .3gp, 3g2, .amc, .m4a, .m4p, .f4v, .ismv, .isma
Imported:	
H.264/AVC files	.264, .h264, .jvt and .jsv
AAC files	.aac, .mp3

Outputs

Conformance reports	XML based
Raw exports	AAC: ADTS and ADIF All track types: .nhnt and .info and raw
Systems exports (OD and BIFS)	XMT-A VRML-like
Bitrate/VBV graphs	PNG image or tabbed-text

Detailed sample analysis

Systems	RTP hint, BIFS
Video	H.263, MPEG-4, H.264 (up-to High Profile)
Audio	AAC-LC, AAC-LTP, AAC-SSR, AAC-Main, HE-AAC

Decoder preview

Video	H.263, MPEG-4, H.264 (built-in + installed decoders)
Audio	AAC-LC, AAC-LTP, MP3 (built-in + installed decoders) HE-AAC, AMR-NB/WB, QCELP (installed decoders)
Image	VTC, JPEG

Standards

ISO/IEC 14496-1
 ISO/IEC 14496-2
 ISO/IEC 14496-3
 ISO/IEC 14496-4
 ISO/IEC 14496-12
 ISMA Profile 0 and 1
 3GPP versions 2 through 6
 The Protected Interoperable File Format (PIFF) v1 rev5 2010-03-09

Advanced features

- Context sensitive hexadecimal and bitwise view allows you to analyze track innards with the highest detail
- Exportable conformance reports with reference to the documentation
- Atoms/box view with atom descriptions and statistics

Control

Command-line interface Used for batch verification and integration into production or QA setup

System requirements

Operating system	Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, Leopard, Snow Leopard
CPU	Pentium III or equivalent (minimum) Pentium IV or equivalent (recommended) Apple: Intel only
RAM	256 MB
Software	DirectShow decoders for audio and video playback (optional only for Windows) QuickTime for audio and video playback (optional only for Windows Platform)

Also available

SceneScope Basic	verifies content at the system layer
SceneCast Live Pro	encodes and generates real-time live video feeds to mobile
SceneCast Basic	low-volume file transcoding and streaming on one channel

Ask us a question

For an immediate response please email any queries to info@m4scene.com or telephone +31 (0) 858783457

Try for free

Trial versions of the software are available for immediate download on www.m4scene.com

Order online

SceneScope Pro and all other M4Scene products can be purchased online at www.m4scene.com

About M4Scene

M4Scene is the MPEG-4/3GPP specialist. The company provides competitively-priced products and project support for mobile and internet-focused video content providers. All backed up with exceptional levels of support, experience and advice. It continues to build on its experience starting with the first product SceneScope in 2002, a tool invaluable to many companies around the world. M4Scene works with research labs, service providers, broadcasters and content owners.

© Copyright 2010 M4Scene BV. All rights reserved. All other brand or product names are trademarks or registered trademarks of their respective companies or organizations. Product specifications are subject to change without notice. This document is not part of a contract or license as may be expressly agreed. V1.0.0-2010