

A powerful and effective MXF Toolkit

MXFTk.

Boost your MXF workflow with a reliable toolkit

The OpenCube MXF Toolkit offers you all the tools you need for mastering MXF file formats with ease and efficiency, providing you with a cost-effective solution for streamlined file-based workflows.

MXFTk® is the result of intensive R&D and on-going compliance with SMPTE standards. Its many features enable you to create, view and manipulate MXF files, transport metadata and ensure media exchange interoperability.

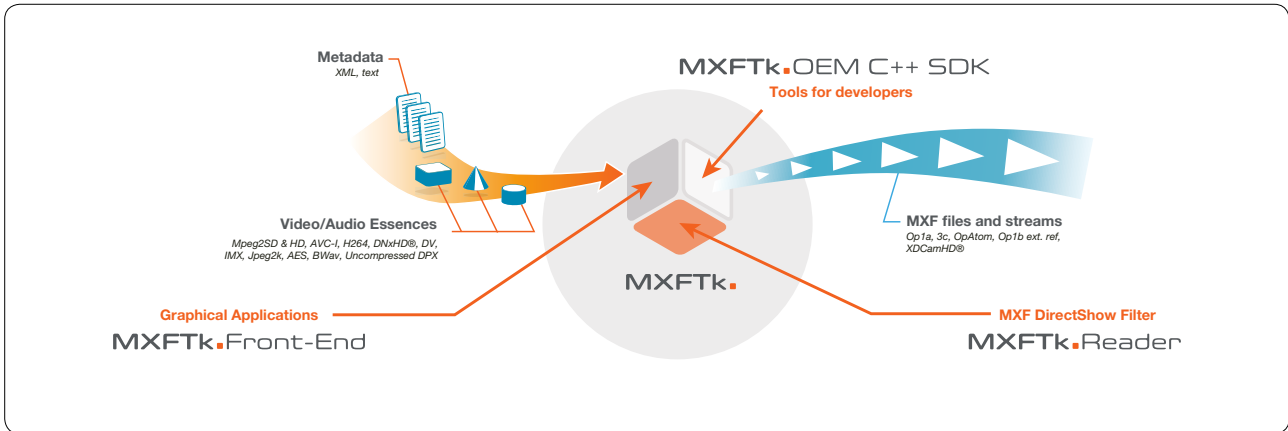
MXFTk® has been widely adopted by major players in the digital video and film industries, including manufacturers, software companies, integrators, post-production houses and broadcasters.



Key Features

- Genuine MXF interoperability with Cameras, NLE, Broadcast and D-Cinema servers
- Comprehensive and multi-platform SDK
- Fully HD enabled toolkit (AVC-Intra, H.264, XDCAMHD®, Jpeg2K, DNxHD®)





MXFTk.OEM C++ SDK

The OpenCube MXF C++ Toolkit is a complete API that runs on Windows, Linux, Unix and Mac platforms. The software allows you to generate, manipulate and partially restore all MXF files, whatever their wrapped essence format.

MXFTk® manages all types of operational patterns (OP) and descriptive metadata. The OpenCube toolkit offers MXF-controlled support and guaranteed interoperability with almost all products currently on the market, saving you both time and trouble.

MXFTk.Front-End

Front-End is a graphic application that offers the advanced function to create MXF files, add, modify and recover metadata and extract essence formats.

MXFTk.Reader

MXFTk® Reader is the Direct Show filter that permits instant and trouble-free viewing of all types of MXF files in Windows Media Player or other applications.

New with version 2.4

- MXF XDCAMHD® Mpeg2 GOP accurate partial restore
- Enhanced support of S436M VBI and VANC wrapping
- AS02 and AS03 supports

Technical Specifications

MXFTk®	<ul style="list-style-type: none"> - Multi-platform C++ API: Windows, Mac (Intel – PowerPC), Linux, Unix - Support for all Operational Pattern (OP) – from Op1a to Op3c, Op-Atom, Op1b ext. ref. - Essences handled: IMX 30, 40, 50, Mpeg2, Mpeg2 HD, Mpeg4, DV, DVCPPro 25/50, DVCPProHD, Jpeg2k, DNxHD®, uncompressed Tiff, Dpx, Bwf, Wave, Aiff, Aes2, Aes8, ... - File mode and streaming mode - D-Cinema (DCI) support: DCP creation - Essence encryption - DMS-1-XML interface management - Metadata updating - MXF S436M VBI and VANC wrapping - MXF partial restore (GOP accurate with long-gop essence) - AS02 & AS03 wrapping - AMT (Avid Media Toolkit) available for MXF Avid compliant file generation - MXF interoperability available with: XDCAM®, XDCAMHD®, P2, P2HD, etc... <p>Delivered with C++ test programs and sample MXF files. Technical team readily available to help you with integration.</p>
MXFTk® Front-End	<ul style="list-style-type: none"> - Support for all OP (Op1a – Op3c – ext. ref.) - DMS-1-XML interface management - Metadata add-ons, retrieval and modification - Metadata export in XML format - MXF Partial Restore - DCP – D-Cinema (DCI compatible) generation
MXFTk® Reader (Direct show filter)	<ul style="list-style-type: none"> - Support for all OP (Op1a – Op3c – ext. ref.) - Advanced management of audio tracks - Right-click information in Windows - Accurate Timecode display - Real-time play back



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