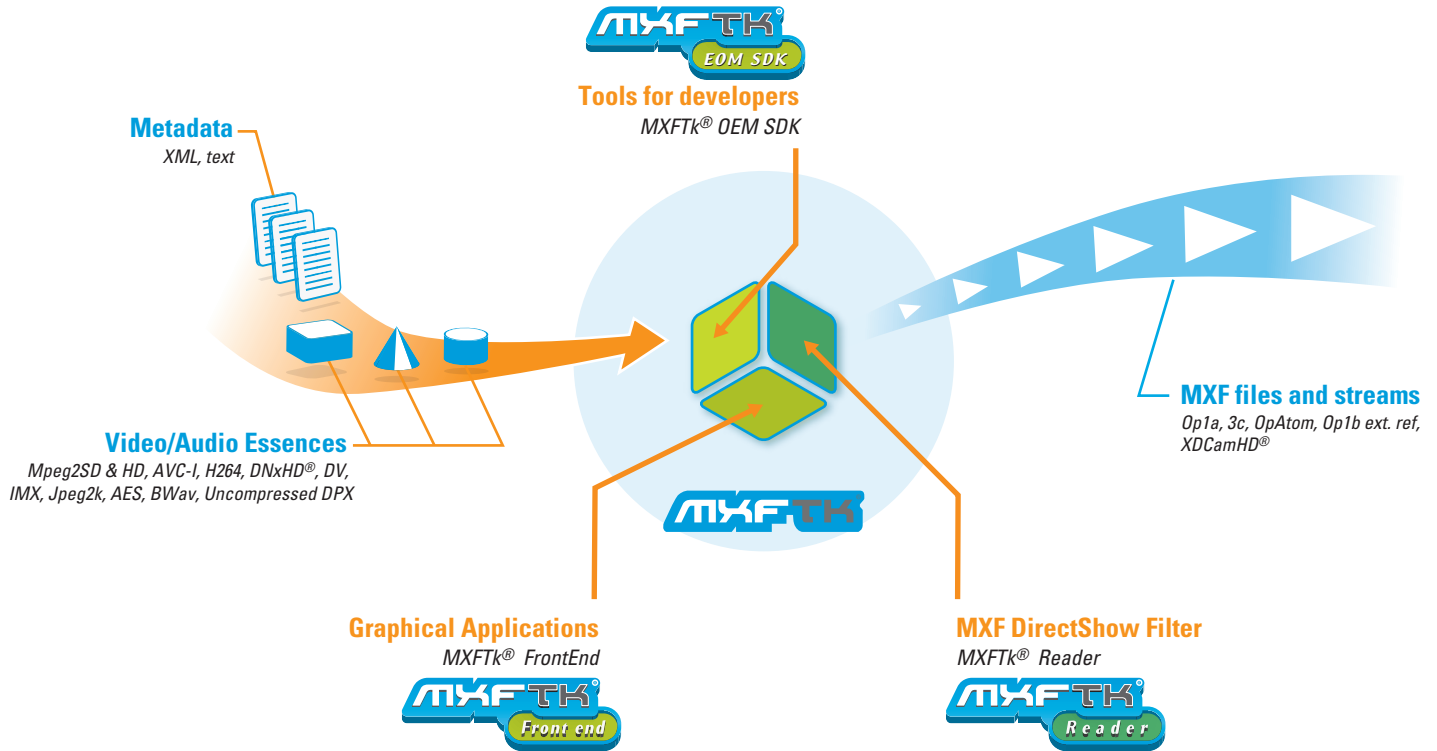


## A powerful and effective MXF Toolkit



### 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 ongoing 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.

#### Advantages:

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

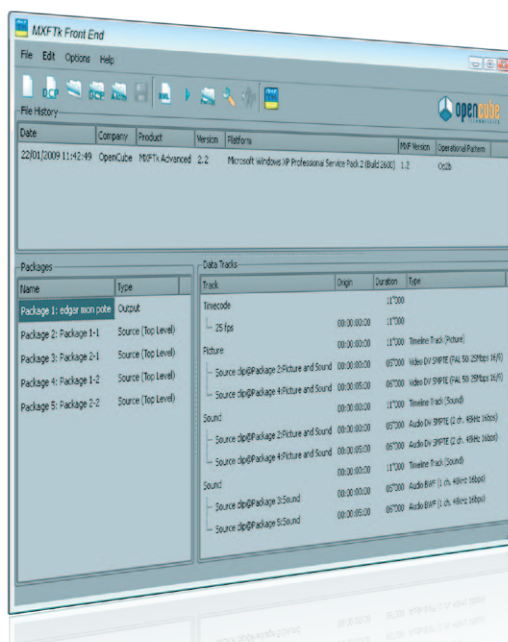
#### New with version 2.3

- MXF XDCamHD® Mpeg2 GOP accurate partial restore
- Enhanced support of S436M VBI and VANC wrapping
- Many improvements with MXF HD media management

“Ensure interoperability in your workflow with MXF file format.”

**MXFTK®**

v2.3



## MXFTK® OEM C++ SDK v2.3

The **OpenCube MXF C++ Toolkit** is a complete API that runs on Windows, Linux, Unix and Mac platforms. The 2.3 version of the software allows you to generate, manipulate and partial 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** is the graphic application of choice for developers and users who want to manipulate MXF files and their metadata quickly and easily.

**MXFTK® Front-End** offers the advanced functions you need to efficiently create MXF files, add, modify or recover metadata and extract essence formats.



**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.

The **MXFTK® Reader** offers customized interfaces and can be integrated effortlessly into your existing systems.

## Key features

### MXFTK®

- Multi-platform C++ API: Windows, Mac (Intel – PowerPC), Linux, Unix
- Support for all Operational Pattern (OP) – from Op1a to Op3c, OpAtom, Op1b ext. ref.
- Essences handled: IMX 30, 40, 50, Mpeg2, Mpeg2 HD, Mpeg4, DV, DVCPRO 25/50, DVCPROHD, Jpeg2k, DNxHD®, uncompressed Tiff, Dpx, Bwif, 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)
- AMT (Avid Media Toolkit) available for MXF Avid compliant file generation
- MXF interoperability available with: XDCam®, XDCamHD®, P2, P2HD, etc...

Delivered with C++ test programs and sample MXF files. Technical team readily available to help you with integration.

### MXFTK® Front-End

- 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)

- 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

**OpenCube Technologies SAS** has significant expertise and experience in providing flexible and cost-effective MXF-format solutions, as well as MXF and HDTV-standard media content management services.

The company develops HD/SD ingest gateways and innovative advanced technology applications for streamlined workflows and for effectively managing media content lifecycles, including capture and digitization, delivery and archive, display and record, convert, re-purpose and re-use.

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Information:

Download a free trial version at [www.mxftk.com](http://www.mxftk.com)

Buy online

<http://store.opencubetech.com/en/>



**OpenCube Technologies SAS**

Parc Technologique du Canal - 9, avenue de l'Europe - 31520 Ramonville St Agne (Toulouse) - France [EU]  
Tel: +33 (0)561 285 606 - Fax: +33 (0)561 285 635  
<http://www.opencubetech.com> - [contact@opencubetech.com](mailto:contact@opencubetech.com)