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IMF State of the Union

Winter 2021

The latest news on the Interoperable Master Format and component-based workflows.

General	Deployments	Specification	Events	Products	Open source
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General

IMF Pulse Survey 2021

The UG is conducting its [annual user survey](#). Please take 5 minutes to provide your input by February 12, 2021, and help the community better address your IMF and component-based workflow needs.

IMF in Advertising

DPP member companies, including Google, Adstream, Peach, Clearcast, and ITV, explored the use of IMF in creating and distributing targeted and multivariate advertising. A short summary has been published at <https://www.thedpp.com/news/better-tv-advertising-imf>.

Deployments

Netflix

Updated delivery specifications for [Netflix Originals](#) and [Netflix Licensed Content](#) adding support for IMF Application #2E 2020 revision (SMPTE ST 2067-21:2020) and Immersive Audio Bitstream Level 0 Plug-in (SMPTE ST 2067-201:2019).

Specifications

Standard: Public CD of Application #4 (Cinema Mezzanine)

SMPTE has revised the committee draft of the second edition of Application #4 (SMPTE ST 2067-40), which adds support for efficient preservation of D-Cinema Distribution Masters (DCDM).

<https://github.com/smpte/st2067-40-2ED>

Best Practice: Multichannel audio in IMF

The UG has published best practices on authoring multichannel audio track files, including the use of the MCA framework to label and routing audio channels.

<https://www.imfug.com/TR/audio-track-files/>

Best Practice: Packaging and Delivery Glossary

The UG has published a glossary of terms used in IMF workflows.

<https://www.imfug.com/TR/pkg-and-delivery/>

Best Practice: Authoring of IMSC documents

The UG has published best practices when authoring an IMSC subtitle/caption document against a video element.

<https://www.imfug.com/TR/imsc-authoring/>

Standard: Public CD of IMF Registration API

SMPTE has made available a Public CD of ST 2125 (IMF Registration API), which is an API for IMF clients to communicate with asset management systems.

<https://smpte.org/public-committee-drafts>

Events



DPP Tech Network

18 January 2021 (virtual)

<https://www.thedpp.com/events/dpp-tech-network-january-2021>

**EBU Production Technology Seminar**

26-28 Jan 2021 (virtual)

<https://tech.ebu.ch/events/pts2021>**HPA Tech Retreat**

15-24 March 2021 (virtual)

<https://hpaonline.com/event/2021-hpa-tech-retreat/?tab=overview>**SMPTE quarterly meetings**

8-11 March 2021 (virtual)

<https://www.smpete.org/>**UG plenary (members-only)**

12 April 2021 (virtual)

[Join the UG](#)**IBC**

10-13 September 2021, Amsterdam, NL

<https://ibc.org>**NABShow**

9-13 October 2021, Las Vegas, NV, USA

<https://nabshow.com/2021/>

Product announcements

**Colorfront Transkoder 2020**

Colorfront Transkoder 2020 has been released with several IMF related improvements.

<https://colorfront.com/SOFTWARE/Transkoder>**Marquise Technologies' MIST**

Winter 2021 MIST release includes many IMF enrichments.

www.marquise-tech.com/downloads/imfUG/imf_sou_w21.html**Fraunhofer IIS' IMF Studio software suite**

Cloud ready IMF solution for compositing (App#2e, App#ProRes, Dolby Vision), real-time playback and QC.

<https://www.easyDCP.com>



Rohde & Schwarz CLIPSTER v6.9.0.0

Available since November 2020, CLIPSTER 6.9.0.0 supports the IMF 2020 standards revision, provides extensive support for Dolby Atmos IAB in IMF and a multitude of workflow improvements.

www.rohde-schwarz.com/clipster



CineCert MaUI - Mastering UI

Multi-user, web GUI specifically designed for IMF and DCP mastering workflow, based on CineCert's enterprise-class Wailua D-Cinema Mastering System.

<https://www.cinecert.com/product/maui/>

Open source

IMFTool version 1.8

A tool for editing IMF CPLs and creating new versions of an existing IMF package.

<https://github.com/IMFTool/IMFTool/releases/tag/1.8.360>

AS-DCP Lib 2.10.38

API and command-line tool set that offers access to files conforming to the DCP and IMF sound and picture track file formats. Recent updates include IMF IAB support and subsequent fixes, support for missing ContainerDuration (optional field), support for AS-02 multi-segment index tables, and various bug fixes.

<https://github.com/cinecert/asdcplib>



The [Interoperable Master Format \(IMF\) User Group \(UG\)](#) is a forum for the worldwide community of end-users and implementers of the IMF family of standards.