



## DCP Specifications and Delivery Recommendations for Theatrical Exhibition at the 75th Venice Film Festival

**To achieve the best Sound&Vision representation of the Creative Intent at the 75th VFF it is requested that each DCP adheres to the specifications and recommendations outlined below.**

### DCP Packaging Format

The 75th VFF only accepts D-Cinema DCPs that are fully SMPTE-DCP or Interop-DCP compliant. No mixed format, SMPTE-DCP and Interop-DCP, are accepted. DCPs are regulated by strictly formulated international technical requirements. As such, it is strongly recommended to commission a Professional Mastering Facility to create the DCPs, to generate the KDMs (if required), and to perform the **Quality Control & Validation (QC&V)** outlined below.

### DCP Quality Control & Validation (QC&V)

It is absolutely crucial that each DCP is subjected to the QC&V task including each asset of the DCP's Composition. **Please do not send untested DCPs** that have not been verified and validated by a DCP Professional Mastering Facility **and** by the Producers and/or Distributors that submit the movie to the 75th VFF. The results of the QC&V task should be included in the **DCP QC&V Report** as part of the submission process. **The QC&V of DCPs helps to achieve the best Sound&Vision representation of the Creative Intent at the 75th VFF. It is also mandatory that all data and information included in the "DCP QC&V Report" match exactly and precisely with the composition of the DCP submitted to the 75th VFF.**

**DCP QC&V Report:** This report should be included in the safety shipping box, and **uploaded** to the link that will be made available to invited films. The DCP QC&V report, and primarily the CPL included in it, is the **"I.D. Card of the DCP"**. As such, it must be precisely compiled editorially and technically, verified and validated by the Professional Mastering Facility and by the Producers and/or Distributors that submit the movie to the 75th VFF.

**CPL (Composition Playlist):** This is a ContentTitle Text string that describes, specifies and instructs on how to screen the version of your movie at the 75th VFF. It is strongly recommended to comply with the Digital Cinema Naming Convention V.9.4 (or the version in force) for the text that goes into the ContentTitle Text element of a CPL. This text string goes into lots of other places, too. (e.g.: in the annotation text of the PKL and in the KDMs). All these entries should **MATCH EXACTLY**. If they do not, confusion may result with d-cinema systems. Note: there **MUST** be an entry in **EVERY** field of the text string. If you have a non-relevant field, fill it with the letter **"NULL"**.

**DCPs delivery date:** It is requested to provide two identical DCPs (DCP1 Show copy and DCP2 Backup copy) of the same movie, each one supplied on a Physical Storage Device (See info below), by August 17, 2018. Each storage device shall contain only the DCP related to the movie.

**DCP Physical Storage Devices:** Each DCP should be delivered in a 3.5" Hard Disk Drive (HDD) in a CRU Dataport DX-115 hard drive caddy with USB 2/3 and eSATA 6G adapters. Solid State Disk (SSD) and portable Flash devices (USB Sticks) are also accepted. The partition on the storage device should be formatted specifically for Linux using the Extended File System EXT2 or EXT3 or EXT4, with the iNode size set to 128 bytes. Each storage device should be supplied in a dedicated safety shipping box, labeled (including the precise ContentTitle Text of the CPL), and accompanied by the **DCP QC&V Report**.



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**Digital File Transfer Service:** Some DCPs may be delivered by digital file transfer (e.g. Aspera Transfer Service) to the 75th VFF. This is possible assuming that you have a Broadband Internet connection that exceed 50Mbit upstream, the file size of the DCP should not exceed 5 GB, the DCP has been verified and validated by a mastering facility and by the organization that submits the content to the 75th VFF, and you have the preventive authorization and instructions from the Cinema Department of La Biennale ([digitalcinema@labiennale.org](mailto:digitalcinema@labiennale.org))

**Soundtracks:** Accepted soundtracks are 5.1 and 7.1 Channel-Based. "Object Audio" must be authorized in advance by the Director of the 75th VFF

**Technical Compliance Checks (TCC):** Each DCP delivered on time to the 75th VFF will be technically verified regarding its interoperability and compliance with the DCP-SMPTE or Interop-DCP formats. These checks do not replace the QC&V but are necessary to prepare the PCF (Project Configuration File) and thus program correctly the DCP for the theatrical exhibition at the 75th VFF. Problems of non compliant DCPs cannot be solved at the 75th VFF.

**On-Screen Subtitles:** The 75th VFF requires that **Italian** (English only for Italian movies) **On-Screen Subtitles** be delivered as burned into the picture, or as XML File embedded in the DCP (OV or VF). It is responsibility of the organization that submits the movie to have them in sync (Timed Text) with each frame of the entire movie and positioned in the Save Title Area of the image format. CPL should use lower case text indicating burned in subtitles. Upper case if embedded.

**Off-Screen Subtitles (English):** These will appear on a separate screen under the main screen. The file must be delivered by email. These subtitles must be in sync (Timed Text) with on-screen subtitles and therefore have the same frame rate. We require that you send a 100% identical DVD or a link to a downloadable video file and the lists of subtitles with Time Code - both in Italian and English – by August 20, 2018. Off-Screen Subtitles for 3D Stereoscopic movies are not accepted at the 75th VFF.

**KDM:** If you deliver encrypted DCPs, we require that the validity of the KDMs includes the day the DCPs arrive at the 75th VFF (not after August 17, 2018) till September 9 , 2018. The KDMs shall be valid for all the IMB/Media Blocks in use at the 75th VFF. The list will be available on request. Please deliver KDMs to the Cinema Department of La Biennale ([digitalcinema@labiennale.org](mailto:digitalcinema@labiennale.org) )

If an automatic upload or download service for KDMs is available the Cinema Department of the 75th VFF must be made aware at once. Please never send KDMs in zipped folders. Note: If the validity of KDMs will not be compliant with the above requests, the 75th VFF will be unable to perform the **Technical Compliance Checks (TCC)** and to prepare the Projector Configuration File (PCF). As a result, it will not be possible to plan the DCP for the theatrical exhibition at the 75th VFF.