



Table of contents

EVS compliance Matrix	2
Software installation	2
Description of the Product.....	3
Main Features	4
Generalities:.....	4
Information Displayed in the User's Interface.....	4
Search Tool.....	4
File Access.....	4
Files Preview:	4
Import Modules.....	5
Limitations	6



EVS compliance Matrix

- EVS Package Multicam v10.05 & v11
- IP Director v 5.91.80+, 5.95
- API IP version v 5.91.80+
- Apple Final Cut Pro v7 (only). FCP X not supported.
- Mac OS : Snow Leopard (minimal version 10.6.3), Lion (10.7)

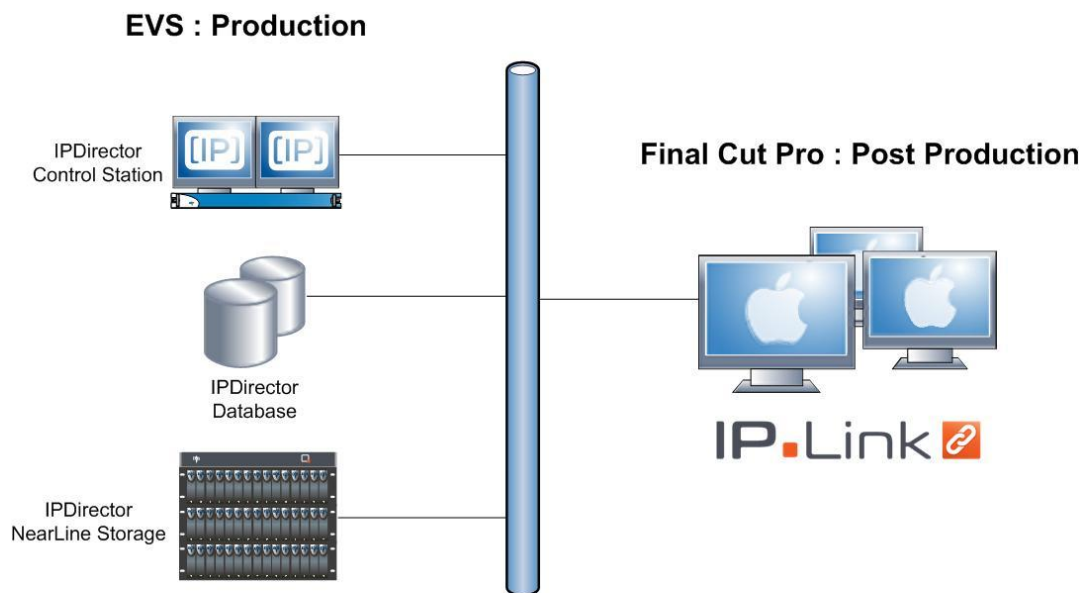
Software installation

See User's Manual for details of the installation procedure.

Description of the Product

IP.Link is an Apple Mac based application for use in situations where IPDirector and Final Cut Pro share the same storage.

Content stored on an IP Director nearline storage can be searched for and previewed directly from IP.Link and imported into Final Cut Pro without being moved or copied.



- Media is ingested (via EVS video server or a 3rd Party) onto an IP Director nearline storage (this could be a fixed nearline or a removable IP Drive). IP Director can browse this media
- Metadata can be added or modified and user-rights applied within IPDirector
- From Final Cut Pro, editors can open the IP.Link application and search for media in the same way they would in IP Director.
- The editors can preview and re-trim the media in IP.Link.
- The editors can use the **Import** button to add the selected content to their project. Media stays on the original storage, with Final Cut Pro editing directly from it.



Main Features

Generalities:

- Supported file formats:
 - QuickTime Movies and QuickTime Reference
 - MXF OP1a (using MXF4Mac “MXF Import QT” plug-in) – please contact MXF4Mac for more information about the product.
- Supported codecs :
 - DVCPRO50
 - IMX-D10 (30/40/50)
 - DVCPRO HD (1080i50, 1080i5994, 720p50, 720p5994)
 - Apple ProRes 422 (LT/SQ/HQ) (1080i50, 1080i5994, 720p50, 720p5994)
 - XDCAM HD MXF OP1a (RDD9 Sony)

Information Displayed in the User’s Interface

- Display of metadata fields for each clip: like in IP Director, there is a menu to organize the fields to be displayed.
- Only media associated with an IP Director nearline will be displayed. Only QuickTime and MXF format are referenced.
- Consolidated Nearline and bin folders structure is displayed.
- Sorted fields can be displayed in ascendant or descendant order
- Dynamic update: each time a new media is added or updated in the IP-Director database, it is automatically displayed in IP Link.

Search Tool

- Selection of NearLine or specific bin
- Full text search on all the displayed metadata fields
- View most recent media: last hour(s), etc.

File Access

- The FCP must have access to the volume path of the nearline storage where media is located prior to IP Link is being opened.

Files Preview:

- IP Link can display a selected clip in a media viewer (by drag & drop or double click).
- The ability to pre-mark shots and sub-clip before importing, as long as it always links back to the original media. In and out marked with this tool would only be linked to the import to FCP ; it would not modify the actual in and out points of the asset in the IPD database



- In case a file format can not be played (e.g. EVS MXF) by the viewer, an error message is displayed.
- IP Link is able to view growing files (under creation) for the following file formats: Quick Time Reference and MXF OP1a (with MXF4Mac). QuickTime Movies self contained format does not allow for opening the file before closed.

Import Modules

- IP Link can select clips from the search window and is able to import them to the FCP local project.
- IP link is able to import multiple selected clips.
- The clip imported into FCP project is only a link (reference) to the current file in the IPDirector NearLine. No file transfer is done during the import process.
- The clip name displayed in FCP will be a string composed of metadata related to the clip like: clip Name, File Name, TC In, Date, VarID, etc. To be configured in the Preference panel of the application.
- IP Link allows for metadata mapping fields to choose which metadata is imported from IP Director and into which fields they go (Master Comments etc) including Custom Metadata.
- IP Link is able to import files (under creation) for the following file formats: Quick Time Reference and MXF OP1a (with MXF4Mac). QuickTime Movies self contained format does not allow for opening the file before closed.

Limitations

- If a IPD bin a have a name that is contained in the name of another bin, then it will display content of both bins. Related to IPD IP (to be solved in a future version)
- When upgrading a version of IP Link, it is highly recommended to delete previous version prior the upgrade. When working with Mac OS Lion, this is mandatory.