Getting Started with Silverstack SET

Get to know Silverstack SET Edition and learn how to backup, organize, document, playback and quality check movie clips and prepare movie data for post-production steps.

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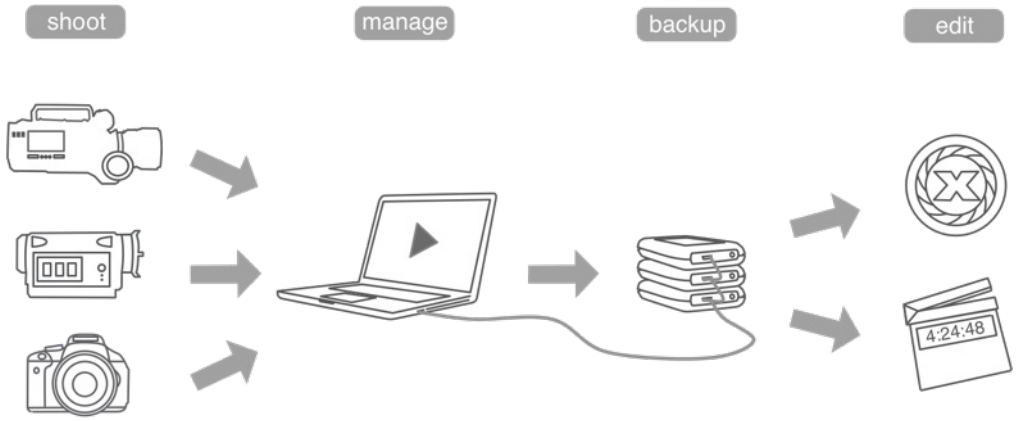
Create secure backups, organize and play back your movie clips



The Silverstack SET clip management and backup process

shoot Silverstack SET offers secure and reliable data backup of movie files on the film set. The source media coming from the camera / field recorder is your most valuable asset in the movie production process, so it is crucial to have a managed and secure backup, a comprehensive quality check and a documentation of your prepared movie data for post-production as soon as possible after shooting.

manage Silverstack SET is your digital library. It allows you to organize, search and filter your media, clips and metadata. Silverstack extracts and stores all metadata embedded in clips such as timecodes, color information, etc. and makes them available for offline use.

backup Silverstack SET allows you to perform multiple, verified copies at once. It remembers all copy and backup activities, so that you have a complete overview of your production's source clips. You can generate all kind of on-set / copy reports in order document all data management activities - you can export them via PDF or CSV.

edit Silverstack SET lets you transfer all relevant information such as camera metadata, comments, captions, cue points and markers and scene/shot and take names to Final Cut Pro 7, Final Cut Pro X, REDCINE-X, AVID Media Composer and to Speedgrade / Framecycler. Thus all your annotations and quality check information find their way into your existing post-production workflow.

What you need

To run Silverstack SET you need an Intel Mac with Mac OS X 10.6 or higher (such as any current Mac).

You can directly offload clips from an SxS card[1] as used by the ARRI Alexa camera with a MacBook Pro equipped with an ExpressCard/34 slot. Offload clips from a CompactFlash

(RED, AJA Kipro,) or SD card (Canon, Nikon, GoPro) with suitable card readers. (If you don't have a capable MacBook Pro).

Import and backup movie data with Silverstack SET

Backing up movie data from camera / field recorder media requires the following steps:

1. Open Silverstack SET.
2. Attach the camera storage cards or drives to your computer.
3. Click on Offload Button in the activity bar and choose the attached camera media.
4. Select the files you want to copy / backup.

> The QuickTime files created with the latest firmware v4.0 of ARRI Alexa cameras already carry the information if they are recorded in Log-C, P3 or Rec.709. This information is used to display clips correctly and automatically during playback.

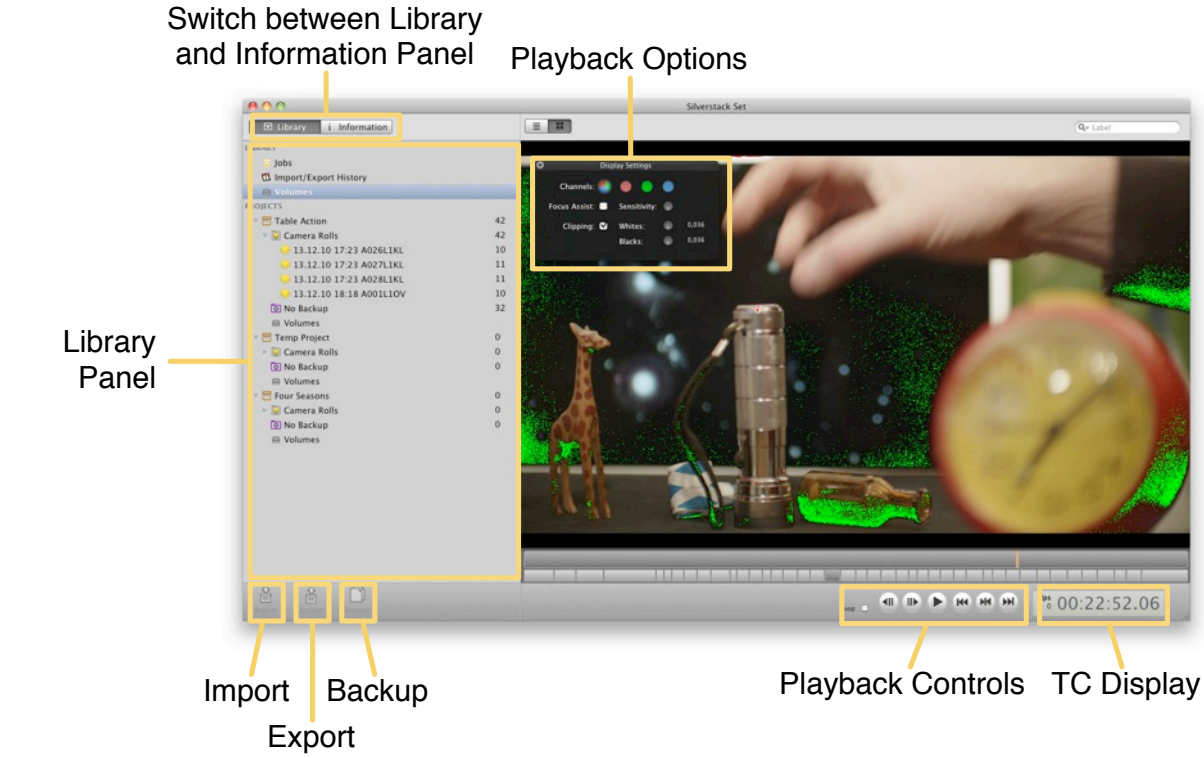
5. Choose the destination folders where the multiple copies should be transferred to.
6. To start the copy, click on the "Backup clips" button.

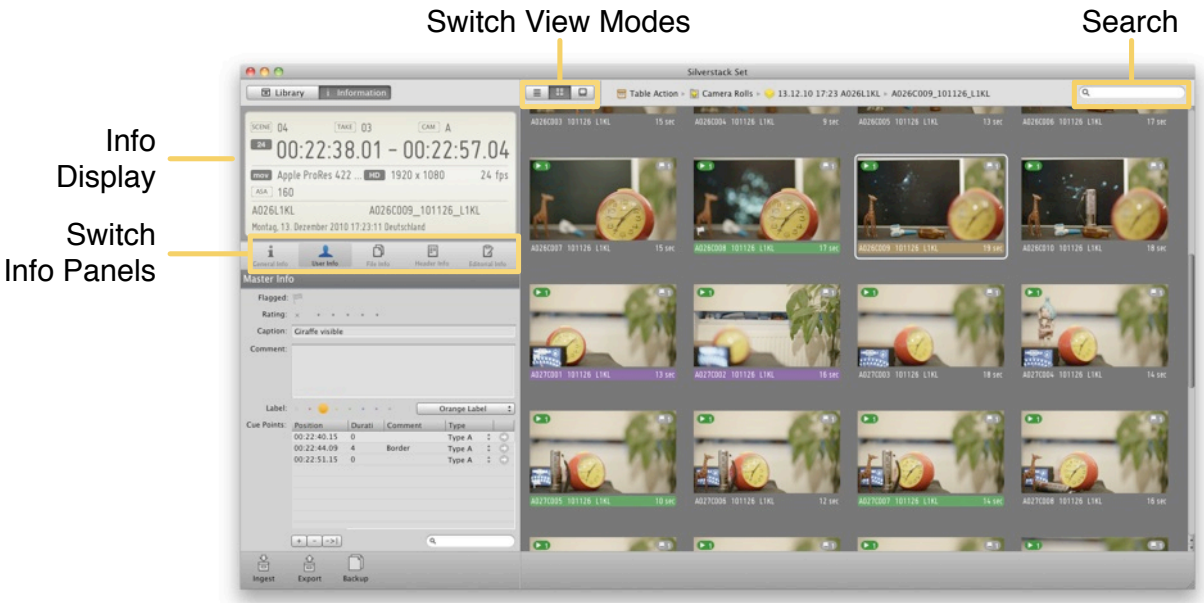
Now the copy process starts and can be reviewed in the Jobs panel. Colored badges indicate the progress of the copies.

Don't quit the application during running copies, as this will quit the copy process.

> **Importing clips from other sources than camera media**
>
> In addition to importing clips from camera media, you can import clips from internal or external hard drives and other storage media, as well as attached network drives.
>
> Make sure that these files were actually created with one of the supported cameras / field records. Other files even if they exhibit the correct file format may not be recognized!

The Silverstack SET interface





During offload and backup all clips and their file copies are registered in Silverstack SET's clip library. Over the time of using Silverstack SET in your production you always have access to this information.

You can organize the clips in the clip library, annotate clips and view them in a clip player.

Find your clips:

Clips are automatically grouped together in Silverstack SET's clip library in camera rolls. Camera rolls carry their create date in their caption so that the shooting date can be the first criteria to find a certain clip.

You can also use the search field to find clips by a certain criteria such as clip name or reel name.

Using annotations

In the information panel you can edit and add your own information to clips.
This includes

- comments
- ratings
- flagged / circled / labeled
- scene and take information
- cue points /markers with captions

Silverstack SET's search field will search these fields as well so you can use this information to manage you clips.

Find the files of your clips:

All file copies made by Silverstack SET are registered in Silverstack SET's clip library. So for every clip you can always see on which locations (e.g. hard drive or volume) the corresponding files are stored.

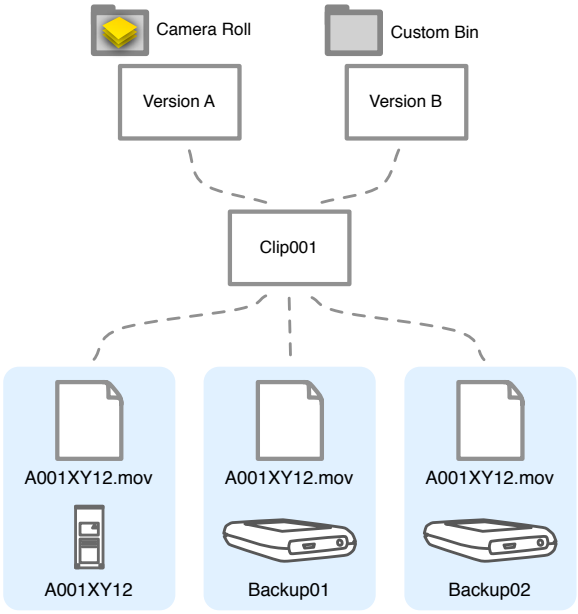
Sort your clips:

Silverstack SET shows the clips of a selected project, folder, camera roll or bin in either a collection view or in a table view. The collection view can be used to get a visual overview over the clips in the library, the table view can be used to sort and group clips by certain criteria.

Organize your clips:

You can create custom folders and bins to create you own logical project structure. So for example you can create new bins that hold effect shots or collect the circled takes from a shooting day.

By using clips from the camera rolls in custom bins, a new copy of these clips is created. These new versions all carry the same information about the backup file locations. And can be searched and sorted as the initial version in the camera roll.



Clips, Versions and Files within the Clip library

Playback clips:

By double clicking clips in the table view or collection view or by switching to the player in the toolbar, you can playback clips. Playback is only available for clips that have at least one of its file's locations (such as external hard drives) attached to your computer.

For Log-C recorded clips linearization is applied automatically during playback depending on the colorspace that is set in the General Info tab.

For RED clips grading information originating from RMD files is applied automatically during playback.

Transfer information to Final Cut Pro:

The information entered into Silverstack during your quality check after shooting can be transferred to Final Cut Pro 7 and Final Cut Pro X. Using the Final Cut Pro XML Exchange format, Silverstack transfers bins to the clip library as bins in Final Cut Pro with various columns such as timecode, comments and caption as wells as cue points as markers.

Name	Shot/Take	Duration	Media Start	Good	Log Note	Label 2	Frame Size	Vid Rate	Compressor
28.01.11 16:24 A026L1KL									
A026C001_101126_L1KL	3C	00:00:07:23	00:13:21:15			Rating 2 of 5	1920 x 1080	24 fps	Apple ProRes
A026C002_101126_L1KL	3C	00:00:15:01	00:18:12:09	✔		Rating 4 of 5	1920 x 1080	24 fps	Apple ProRes
A026C003_101126_L1KL	3C	00:00:15:23	00:18:56:07	✔	Microphone	Rating 5 of 5	1920 x 1080	24 fps	Apple ProRes
A026C004_101126_L1KL	3C	00:00:09:23	00:19:20:05			Rating 0 of 5	1920 x 1080	24 fps	Apple ProRes
A026C005_101126_L1KL	3B	00:00:13:13	00:19:42:15			Rating 0 of 5	1920 x 1080	24 fps	Apple ProRes
A026C006_101126_L1KL	3B	00:00:17:17	00:20:14:15		Sharpness proble	Rating 1 of 5	1920 x 1080	24 fps	Apple ProRes
A026C007_101126_L1KL	3B	00:00:15:05	00:21:40:13			Rating 2 of 5	1920 x 1080	24 fps	Apple ProRes
A026C008_101126_L1KL	3B	00:00:17:17	00:22:01:21	✔		Rating 3 of 5	1920 x 1080	24 fps	Apple ProRes
A026C009_101126_L1KL	3B	00:00:19:03	00:22:38:01		Microphone !!	Rating 2 of 5	1920 x 1080	24 fps	Apple ProRes
A026C010_101126_L1KL	3B	00:00:18:07	00:23:06:05	✔		Rating 4 of 5	1920 x 1080	24 fps	Apple ProRes
Sequence 1		00:00:00:00	01:00:00:00				720 x 576	25 fps	DV – PAL

Information from Silverstack exported to Final Cut Pro

Transfer information to REDCINE-X

The quality check information entered in Silverstack can be transferred to REDCINE-X for grading and transcoding before the editing in Final Cut Pro.

Perform the following steps to get your clips into REDCINE-X

1. Choose a project, bin, or camera roll in the library outline.

2. Click on the Export button in the activity bar and choose “as REDCINE-X Lua Script”.

3. Choose the clips and respective files to transfer. The files you choose here will have their RMD files updated or created if they don’t exist.

4. Click “Continue” and “Save Lua…”

5. In the following save dialog select where to save the Lua script.

6. Switch to REDCINE-X and select the bin which should contain the clips.

7. Select “File \ Run Script…” from the main menu and select the Lua Script.

8. Now the clips should appear in your REDCINE-X bin.

9. Right-click a clip from the bin and select “Metadata…” to inspect the clips information

Create additional backups of media files:

Additional backups of clips from the clip library can be made at any time as long as one of the files' locations is attached to your computer.

The following steps have to be performed:

1. Choose a project, bin, or camera roll in the library outline.
2. Click on the Backup button in the activity bar.
3. Choose the clips to backup.
4. Choose the destination folders where the multiple copies should be transferred to.
5. To start the copy, click on the "Backup clips" button.

Resources

[1] http://en.wikipedia.org/wiki/SxS