

SigiStudio Logger

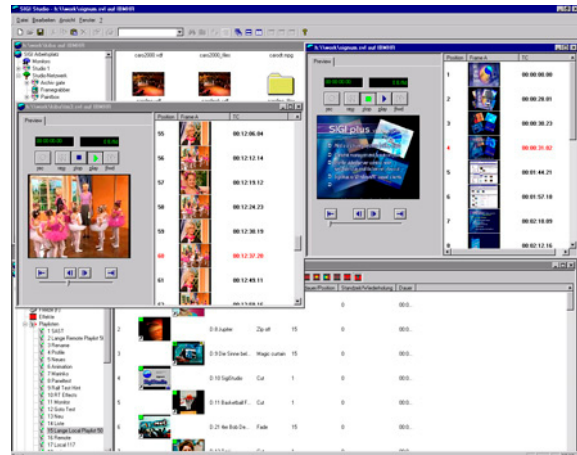


Automatic classification and segmentation of video clips

The Content and Media Asset Management System SigiStudio MediAsset is an ideal platform to administrate video clips, video sequences, stills and other media. To allow an easy qualifying of longer video clips without the need for a complete playback of the material, SigiLogger was developed.

Video material can be analyzed automatically during the recording procedure into the SigiSTAR environment or later, using the created preview clips. A video sequence will be analyzed according to several adjustable criterias and there will be segmented automatically different video scenes. Every

new detected key image will be used to mark the corresponding time code together with a browse image. The key images can be checked manually and be deleted, if necessary. A user is able to define a description text for each video segment. For all video clips there will be stored one or more preview clips and a list of the video segments with corresponding time codes and browse images.



During the retrieval procedure it is very easy to get a quick impression of different video scenes using the preview clips. The key images allow an easy addressing of the segments and the start of the playback from this position. SigiLogger is using a new technology, which is also used for automatic correction and enhancement of film material.

Video scenes will be detected with very high precision without a lot of wrong results and manual interaction, like necessary with other video logging products.

Wichtige Systemeigenschaften

- Automatic classification and segmentation of video clips
- Scenes will be detected automatically and stored together with corresponding time code information and browse images
- Manual correction of detected data and additional text description possible for each key image
- Logging information will be stored in SigiSTAR environment as additional information for video clips
- Logging information simplifies control of video playback and qualifying of video material
- Analysis of video clips during recording procedure or later, using preview clips
- Integrated solution with control of video players and preview clip creation (e.g. MPEG1)
- Optional additional analysis of video material possible