

SigiStudio Multi-Format Archive



For 4:3, 16:9, HDTV with automatic format conversion

Today original media provide a very high image resolution, because scanners or digital cameras have been used for creation. For TV-broadcasting a smaller number of pixels are used. You loose a lot of precision if you are using the reduced formats for future processing.

SigiStudio Multi-Format Archive is an extension for SigiStudio MediAsset Content and Media Asset Management System.

During the import procedure for new media all necessary TV formats can be automatically created. Original files will be stored in the media archive, too. After selection of media, the corresponding predefined TV formats can be directly used for your production. If necessary, you are able to create additional video formats later on, using the high resolution originals without losing any precision.

SigiSTAR media server is the central module of SIGNUM media administration. This service is running parallel to a database handling and storing all media data using a clearly defined structure. Data access is only possible, using a TCP/IP network interface or a http server interface. The media server creates and stores various video formats for TV broadcasting automatically. This can be e.g. 720x576/486 – 4:3 with rectangular aspect ratio, 720 x 576 / 486 – 16:9 with rectangular aspect ratio, HDTV 1920 x 1080 - 16:9 with square aspect ratio or corresponding preview formats for PC/MAC or network browser software. All future image formats will be supported by SIGNUM media server.

Important features

- Parallel creation and administration of various video formats during data import
 - 720 x 576 / 486, 4:3, rectangular pixel format
 - 720 x 576 / 486, 16:9, square pixel format
 - HDTV, 1920 x 1080, 16:9, square pixel
- Use of complete image format (if necessary with black border lines) or interactive selection of detail
- Original media file will be stored in the archive, too. Can be used later for creation of additional formats
- Automatic creation of previews with correct aspect ratio
- Data access only with TCP/IP or http interface
- Oracle database used for administration of meta data. Unambiguous object id-number as link to corresponding media data
- SigiSTAR media server supports the use of distributed data structures and SAN or NAS storage

