

SigiStudio MediAsset



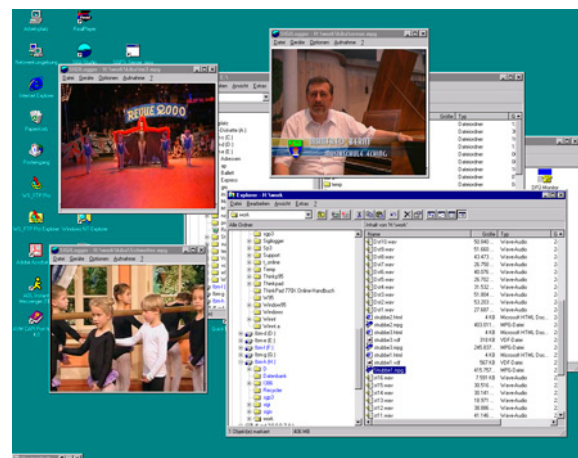
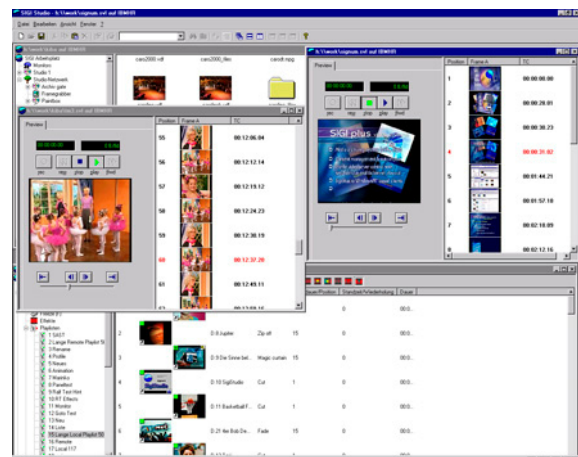
Content and Media Asset Management System

The content and media asset management system SigiStudio MediAsset was developed for comfortable administration of all kinds of images, sequences, video clips and media, used in video production business. The client/server based environment provides the corresponding data and formats for all production steps. The integrated SigiStudio media server is available for different hosts like UNIX (SUN, Silicon Graphics) or WindowsNT/ 2000 and was optimized for use of Oracle and MS SQL-server databases. Video clips and films can be administrated now perfectly in the SigiSTAR environment. The complete production process in a television station can be handled fully digital in a network based environment.

During the recording or importing procedure of video clips the system creates preview video clips stored in MPEG-1 or real video format automatically. The integrated video logging functionality classifies the clips and identifies key images and video segments. In cooperation with preview clips, usable by every pc or workstation equipped with a corresponding multimedia player, now it is very easy to look for interesting parts of clips and select the original material for later use from the desk without the need for using expensive video equipment.

SigiStudio MediAsset supports all digital standard video formats like e.g. MPEG-2, IMX, DVCpro50, MPEG1, DVC, PROFILE MJPEG and uncompressed 601-Video. If necessary, a conversion to other video formats will be also supported. Analogue or non standardized, digital media can be digitized or transferred from tape or MAZ systems, controlled by SIGI plus environment.

SigiStudio MediAsset integrates, controls and administrates various video servers like e. g. series PROFILE by Thomson Grass Valley, ORIGIN 200/300/3000 by Silicon Graphics or others and is an ideal basis for your production environment. Normally all media data, necessary for a production or editing process are stored "online" on fast storage media like RAID, Fibre RAID or SAN systems. Material with no need for immediate access will be handled by a hierarchical storage management system (HSM) and stored on tape or media handling systems.



Technologies and media used depend on customer requirements. Preview clips of actual data stay online to allow a fast overview and access with no waiting time during the whole production cycle.

To access video clips you are able to use the comfortable graphical user interface SigiStudio, which was designed for the professional and secure windows-environment (WindowsNT, Windows2000, WindowsXP professional) or standard network browsers like Netscape Communicator or MS-Internet explorer.

Important features

- SigiStudio MOS Server to be interfaced by newsroom or editing systems
- Control by every WindowsNT/ Windows2000/ WindowsXP professional client system using SigiStudio software or optional INTERNET browser
- Image-, clip- and media data will be handled by SigiStudio media server, which can be configured with video servers, RAID-arrays, SANs, optical storage systems or tape- and media handling systems
- Hierarchical storage management system (HSM) enables online-access to all actual media, necessary for a production and controls offline storage
- Integrated Client/Server-database based on Oracle or MS SQL-Server for administration of media using descriptors like keywords, persons, geo, time, various description texts, production titles etc. with optional full text retrieval
- Media data are stored in different formats on various devices of media server to get fast access to preview material with no waiting time
- Supports all digital standard video formats like e.g. MPEG-2/50, IMX, DVCpro50, MPEG-1, DVC, PROFILE MJPEG, uncompressed 601-video with optional conversion functionality
- Import of media via digital/ analogue video interfaces, scanner, image files, Photo-CD, satellite transmission, remote connection (e.g. ISDN) to image agencies, FTP-connections
- Auto-import server for background import of media with description data transmitted from different image agencies like DPA, AP, Reuters
- SigiLogger analyses and classifies the content of video clips and detects clip segments with corresponding time codes and key frames for easy selection of media for a production
- During the import of video clips preview clips (e.g. using MPEG-1 format) will be created. Each multimedia workstation or PC without additional hardware can be used to display the corresponding video and audio data.
- Integrated processing of productions like e.g. news by editors
 - Display and selection of new material delivered by media agencies
 - Editing using standardized graphic templates
 - compilation of program
 - Transmission using play lists or automatic broadcasting operations
- Complete workflow of video production can be handled inside system environment:
 - planning phase
 - grabbing of media
 - import of media
 - graphical enhancement
 - editing of material acceptance of production
 - compilation of program
 - broadcast
 - further use of media
 - archiving
 - license administration
 - calculation
- Information about production status available every time
- Production based data handling - selected media can be attached to productions
- Print out of retrieval results, production lists, play lists, transmission lists with corresponding overview images and data in colour or black and white using windows printers
- Export or output of selected media via digital / analogue video interfaces, printer or film printer, files or automatic transfer via network to production, editing and broadcast systems
- Interface and data exchange to news archiving systems, video archives or broadcast operations of different manufacturers or local and self designed software systems
- Media server, digital SigiSTAR production systems, video servers or other video systems are connected via fast-Ethernet with TCP/IP, Fibre channel, GigaBit-network, Firewire, ATM etc.