

Enhanced Archiving Workflow

BECAUSE YOUR MEDIA IS YOUR ASSET



ProxSys™

media server

ProxSys MA-Series

- Digital Video Archiving
- Quickly clear and reuse expensive Media (P2, SxS...)
- Easily find and use your Content
- Render Preview Clips from all major Formats
- Blu-ray Robot Support

Recording tapeless is the future - it enhances your acquisition and production workflow. But recording capacities are limited and the media has to be reused again and again.

- Situation**
- Video Production of a two day event
 - Three cameras using Solid State storage media (each 4*16GB Cards)
 - Recording at 50mbit/s (e.g. P2 DVCPRO 50 or XDCAM EX)
 - Recording time is 5 hours per camera and day
 - **Approx. data volume 22,5GB/h*5hours*2days*3cameras = 675GB**

- Challenge**
1. Each Solid State card has to be reused more than 3 times due to the large quantity of data. Therefore cards have to be cleared quickly and content has to be stored safely.
 2. To keep track of the massive amount of video each clip has to be described – and this has to work quickly and easily.
 3. All media must be available for later NLE post production.
 4. The valuable content has been deleted from the cards – **there are no tapes for later review and reuse**. A long term archive has to be established!

Solution The ProxSys MA is the perfect solution for a situation of this kind

1. ProxSys MA features the fast import of all standard storage devices (for example P2-Card, SxS-Card, SDHC-Card, DTE Hard Disc Recorder) and therefore enables direct reuse of the expensive storage media.
2. While importing video clips individual descriptive metadata can be added via the intuitive GUI and the native metadata and filestructure is automatically transferred. If desired additional information can be added later on. A small proxy preview clip of each video is automatically created and stays on the Server for quick referencing. Thanks to the enhanced search engine of ProxSys MA your required clip is just a few clicks away!
3. One Blu-ray disc of the imported content is automatically created for daily use and makes the High-Res data available for NLE and other tasks. For ease of use small preview clips of the videos are added on to the Blu-ray disc.
4. Currently the most reliable and durable storage media is the Blu-ray disc. It is said to last 50+ years. ProxSys MA automatically creates a second Blu-ray disc with the imported content for secure long term archiving.

This way your valuable assets are not only safely stored away but due to the management features of ProxSys MA also easily accessible.

ProxSys MA Workflow



Ultimately you must move the remotely acquired media to a centralized, more accessible location. One that has greater capacities and lends itself to workgroup collaboration.

Clear and Store

1. Quickly clear and reuse expensive media (e.g. P2 and SxS-Cards)
2. Import Media to the ProxSys MA (using features like Folder watch, manual import, native metadata import, device watch)
3. Share content via Network (e.g. for NLE or fast distribution)
4. Auto proxy preview clip generation
5. Automatical creation of a new project or manual addition of content to existing project
6. Add own metadata
7. Assignment of a unique file and project ID



Save and Archive

1. When imported media reaches 90% of the Blu-ray discs' capacity (now at 50GB) auto archiving procedure starts
2. The content is archived to 2 Blu-ray discs – 1 for safe long term archive, 1 for current use (NLE for example). Alternatively media can also be archived on HDD
3. Preview clips are added to the disc for faster retrieval
4. Individual company template is printed as label
5. High-Res content is deleted from server after burn proof confirmation
6. Optimized schedule allocates tasks for office hours and after office hours to enhance performance
7. Blu-ray Archive is said to last 50+ years



Find and Share

1. Easy, intuitive and clear Graphical User Interface
2. Browser based: Access from anywhere at anytime – Mac and PC – without user licence fee
3. Project oriented structure allows you to keep track of your media
4. Quickly find desired media via metadata or unique file ID
5. Verify the found media in the integrated flash video player
6. Preview Clips are described with metadata and up to 2500 hours constantly stay on the Hard Disc for instant retrieval
7. Create and save own clip lists
8. Use data medium and connect it directly to NLE



ProxSys MA Series

The ProxSys MA-Series can be utilized for a wide range of tasks in various fields of application. Following is one exemplary situation of the video production realm.

What is ProxSys MA?

ProxSys MA-Series is an extensive Media Asset Management system combined with an automated storage system. It presents a complete Workflow for smart archiving ranging from fast ingest of your data, automated archiving on Blu-ray discs or HDD to easy file retrieval via an intuitive Graphical User Interface.



The all-In-one solution offers multiple file Ingest via the popular ProxSys Media Transfer Tool. It imports native Metadata with the files and allows the use of additional Metadata functionalities. The remote media is cleared in no time and ready for reuse in the field.

While importing the media a small preview file is generated and you can describe your files with metadata for quick retrieval. A unique ID is assigned to your project and the files are automatically burnt to a minimum of two Blu-ray discs, creating a long-term archive and one disc for daily use. Individual labelling options, e.g. company CI and logo, are provided by the optional disc robot.

The combination of the simple and intuitive Graphical User Interface, stored preview files and linked Metadata information the powerful search engine of the ProxSys MA facilitates the search and retrieval of your media content. Preview proxy clips (up to 2500hours) are constantly accessible for quick verification of the files. The former time- and resource consuming process is reduced to a minimum – your desired files are now only a few clicks away and ready for use.

Technical Data

ProxSys MA-10
Current Configuration on the right
plus manually Internal Blu-ray Burner

ProxSys MA-50
Current Configuration on the right
plus automatic Rimage 2000i
Burner System (Blu-ray Edition)

Input

Direct supported Devices

- FS-4, FS-5, Harddisks
- Network File Transfer

Devices supported with Optional Reader

- Panasonic P2, Sony SxS, Sony Professional Disc

File Formats and Codecs

- P2 (DV, DVCPPro25, DVCPPro50, DVCPPro100
Codec as Panasonic P2 Structure, AVI or MOV)
- XDCAM (MPEG2 as Sony Structure)
- XDCAM EX (MPEG2 as Sony Structure)
- HDV (MPEG2 as M2T or MOV)
- DV (DV Codec as DV, AVI or MOV)
- MPEG (Transport as M2T or
Program Stream as MPG)

Storage

- 1 TB for Buffer and Network Editing Server
- 1 TB mirrored for Proxy Clips and Preview
Render (approx. 2500 Hours of Preview)

Operating System

- Windows XP Prof with Linux Server
as Virtual Machine

Hardware

- Desktop Server with Rackmount Kit (3 RU)
- Quadcore CPU
- 2 GB RAM

GUI

Ingest

- Media Transfer Application (Windows, MAC OS X)
- WEB Browser (Internet Explorer, Safari)

Search and Retrieval

- WEB Browser (Internet Explorer, Safari)

Quadrant
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