



tracker ddm

GVS Tracker DDM - Digital Data Management Solution



Applications available for Microsoft Windows, Mac OS 9, and OS X.

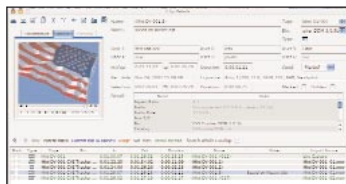
GVS Tracker Digital Data Management (DDM) Solution is a powerful, full-featured yet flexible, digital media management software which helps users at every stage of the editing process, from initial logging, through to wrapping up and archiving a finished project. Imagine how many hours are spent in your organization combing through stacks of audio, photos, scanning countless videos, flipping through different effects, etc., trying to find that data that you know you have. With GVS Tracker DDM's user-friendly search and retrieval capabilities you can locate, catalog and manage your video and other media assets in a fraction of the time. Combined with the GVS Metropolis solution it is one of the best ways for media-rich organizations to save time and money.



As television stations go digital, the problem of managing digital assets is becoming more and more of a concern. Analog assets, that in the past were logged and scheduled for play-to-air, now have to be manipulated entirely by their metadata < a database of auxiliary information about content (i.e. clip name, description, project, status, date and time of recording, or camera exposure details) that grows with each step in the content's life cycle from production to distribution. Hence it is not only TV stations that rely on metadata, it is everyone from the content creator to the distributor, and each step along the way, different types of metadata are necessary to drive back-office applications. GVS Tracker DDM makes the perfect tool, automatically extracting any existing metadata and leveraging what is already there to the maximum extent possible. With GVS Tracker DDM you will realize the return on investment almost immediately.



One of Tracker DDM's many viewing options



One of Tracker DDM's detailed viewing options

Digital newsroom applications are one of the most demanding areas for asset management simply because of the volume of material and the frequent need to re-purpose content. While most back office systems are largely analogous to those in the production and post-production business, GVS has developed a hybrid system to incorporate the best of both worlds – control over your content and the ability to expand – without major upfront investment. Tracker DDM coupled with the Metropolis server provides a seamless transition from tape to digital, taking all the worry away from the user. Thousands of hours of footage can be converted in real time at a rate of 35GB of content in less than 4 minutes. With Tracker DDM's multi user interface this content and its historical record is fully accessible on-line to anyone in your production department and can then be tracked, reviewed and updated in real time.

Part Number	Model Name	O S	Memory Requirement	HD Storage	2000 record DDM size	35GB Media being tracked/size	Total concurrent user
DDM1UPPC106X	Single addition	10.2 & up	512MB	500MB	10MB	4min/2MB	Single
DDM1UPPC1069	Single addition	9.1 & up	256MB	500MM	11MB	7min/2.8MB	Single
DDM1UWIN106X	Single addition	WIN	512MB	700MB	10MB	5min/2.9MB	Single
DDMMUMET106S	Enterprise addition	Solaris	1024MB	20GB	12MB	4min/2.6MB	20, 100, and 256



tracker ddm features

Cataloging

Tracker DDM helps you to keep track of which video clips are where on a tape (and which projects they are used in) by maintaining a catalog of clips, each with time code in and out values and thumbnails. Each clip can be annotated with metadata that can be used for searching and sorting the catalog.

The following information can be used by Tracker DDM to describe and catalog a segment of video:

- clip name, description, and an unlimited number of other user defined textual attributes (eg. location, videographer, project);
- one or more still thumbnail images, typically from the first frame or midpoint of each clip;
- tape identifier and time code In and Out values;
- technical attributes such as duration, the format the video and audio is stored in, the image aspect ratio, audio sample rate, file size, data rate, etc.;
- the original media itself, assuming it is currently online (i.e. available in digitized form on disk). Alternatively, a low resolution preview version of the media may be created and stored locally and used as a proxy in place of the full size original media.

Managing large media files

Full-resolution video files are very large and it is usually impractical to keep them all on-line at the same time. Tracker DDM uses both thumbnail images and low resolution preview movies to show the contents of clips that are currently off-line.

Logging and scene detection

To simplify logging the contents of a tape and creating a first rough draft of an edited program, Tracker DDM supports automatic scene detection of captured footage by automatically creating a "thumbnail" image every time a scene changes in a video. This is particularly useful in searching an entire tape by simply viewing a visual storyboard of shots contained in the tape. While reviewing each clip you can enter a name and keywords describing the scene, mark it as "good" or not, and enter "in" and "out" points to select portions of interest within the clip.

Video Capture

With QuickTime compatible video capture hardware Tracker will scan a tape and capture previews in a single operation. If you don't have compatible hardware, however, Tracker DDM will work just as well with media files captured using your existing editing application.

Editing

Although not intended for editing, you can create simple movies in Tracker DDM by stringing together clips of interest. You can export clips as either self-contained or reference movies, or you can convert a movie using a different codec, for example to create a web movie. You can also consolidate the media files on disk by trimming and deleting unused material.

Tools

Several useful utility functions are provided, such as exporting "whole tape" batch capture logs, adding a burnt in security camera style date and time display, and a flexible time code calculator.

Workgroup features

Using the optional Tracker DDM Workgroup Server and a relational database you can store clip details in a central shared database accessible via a local area network, thereby allowing different members of a team to work together and search for clips across catalogs.

Enhanced searching and filtering

GVS Tracker DDM features a powerful, completely new query dialog, used for both searching within a catalog and when performing remote queries against the shared database (when using the optional Workgroup Server). Queries can contain any number of terms, be combined with logical "OR" and "AND" operations, and include regular expressions. Queries can also be named and saved for future use. Tracker DDM can also extract the speech from a video or audio recording (or the closed caption track if available) and place that text in a searchable database so that users can search on a word or phrase and find exactly the shot they are looking for. There is a new toolbar Filter drop down that can be used to apply a named clip filter to the window. GVS Tracker DDM also features a powerful Search and Replace tool that allows textual replacements to be made across any logging field, including regular expression pattern matching.

Unlimited user-defined fields

This edition allows you to create an unlimited number of user-defined fields, compared with the standard number of three. These can be used to record details such as videographer, producer, project, location, and so on. Each field can store up to 64K of text and is fully searchable.

Analog scene detection

GVS Tracker DDM lets you perform automatic scene detection on clips subsequent to them being imported, via a separate Detect Scenes command, and also lets you tune the sensitivity for this operation. This is useful if false scene changes are detected or if scene changes are missed with the default setting.

Time zone adjustments

To allow footage from different cameras, perhaps shot at different locations around the world, to be accurately correlated by date GVS Tracker DDM has a Time zone Adjustment command that allows the date to be adjusted based on time zone and camera clock differences.

JKL jog-shuttle keys

GVS Tracker DDM supports the use of standard JKL keys to play media backwards or forwards at different speeds in both the clip details dialog, in the media dialog and when playing full screen.

Additional clip fields

To support these features and more, GVS Tracker DDM has several additional columns. These include Aux T/C (which displays the user-settable time code field supported by some DV cameras), GMT Date, Location Date, Location Time zone, Clock Adjustment, Catalog and Catalog Notes.

Customizable media files format

Still Images: (JPEG, GIF, PNG, BMP, TIFF, PSD, etc.)

Audio Formats: (MP3, AIFF, AU, WAV, etc.)

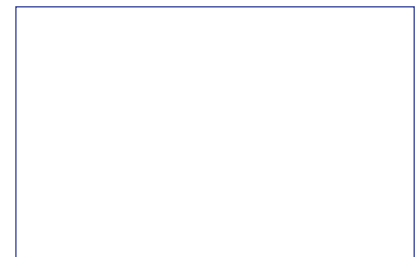
Video Formats: (QuickTime, MOV, AVI, MPEG, DV, etc.)

Video Editing Capture Logs and Projects: (EditDV, Final Cut Pro, Premiere, etc.)

Interchange Formats: (CMX edit decision lists (EDL) HTML, tab separated text, XML)

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