Digital Video Manager

DIGITAL VIDEO COLLECTION, STORAGE AND RETRIEVAL

With Digital Video Manager's intelligent recording options, only needed video is recorded. This helps to optimize video archives by reducing the collection of redundant and irrelevant video recordings.

Additionally, users can specify how many frames per second should be recorded for each camera and for each recording type per camera. For example, a particular camera can be configured as:
- 25 frames/sec for viewing, 10 frames/sec for recording options, only needed video is recorded. This helps to optimize video archives by reducing the collection of redundant and irrelevant video recordings.

As a result, users can be configured as:
- 25 frames/sec for viewing, 10 frames/sec for recording options, only needed video is recorded. This helps to optimize video archives by reducing the collection of redundant and irrelevant video recordings.

Efficient video collection, reducing the amount of redundant and irrelevant video. Additionally, these files can then be stored on DVD for convenient, cost-effective and increasingly popular alternative storage media. This is available when viewing both live and recorded video.

Snapshot:
DVM captures the current frame of video and saves it as a bitmap image. This is available when viewing both live and recorded video.

Essential recording includes video clips for which the recording remains within the DVM database for use in searches. These recordings also appear in the list of recordings for the camera, shown in a different color to indicate that the recording has been archived and needs to be restored before viewing.

STATE-OF-THE-ART VIDEO STORAGE

DVM supports any Windows 2000 compatible storage device, providing you with the flexibility needed to meet your storage requirements.

A DVM system consists of two types of storage: online and offline. Online storage is used for video clips that must be made available for viewing. Typically, this type of storage uses hard disk drives which are connected to each DVM system. For small systems (with less online storage requirements), hard drives with hard drive controllers may be used. For large systems (with large online storage requirements), high-capacity, back-end storage arrays may be used. In either case, the original file is altered, which could reduce the evidential weight of the digital image. To prevent this, DVM also provides a complete audit trail (log) of all operator actions and system events.

The audit trail can be requested at any time, and the resulting records provide a complete history of all operator actions and system events, including remote (IP) video, leveraging your network infrastructure.

In addition, because hard drives and most digital archiving media do not alter their contents, they provide an advantage over analog videotapes, which can be altered, reducing their evidential weight.

Digital Video Manager also includes a complete audit trail of all operator actions and system events.

With Digital Video Manager, your video surveillance system is future-proof, providing you with a secure, future-proof investment protection.

OTHER POWERFUL FEATURES

- **Digital Signatures** provide many inherent advantages over analog videotapes, including the following:
  - **Digitally signed video with auditing**.
  - ** Efficient video collection, reducing the amount of redundant and irrelevant video.**
  - ** State-of-the-art video storage, providing fast, convenient access to important video files at the time.**
  - ** Digital signal recordings, with a complete audit trail log of all operator actions and system events.**
**Honeywell Digital Video Manager**

**SYSTEM ARCHITECTURE**

Digital Video Manager has been developed to perform joint network-PC hardware, and software applications, raising advantage of the mission-critical equipment, powerful cost-effective software.

By using commercially-off-the-shelf hardware, you can use the familiar, PC, storage, and network hardware of your choice — no need to pay premiums for proprietary hardware. Unlike proprietary digital video recorders (DVRs), DVM allows you to select system hardware and software configurations independently. The lower your support costs and eliminate a “black-box” approach path. Use of off-the-shelf components also ensure that DVM can be easily integrated into your existing enterprise system support strategy, further simplifying support needs and reducing the cost of ownership.

The basic architecture consists of a Database Server and a Camera Server, which may be located at the same machine. Additional Camera Servers can be added to the architecture to support larger numbers of cameras.

DVM can integrate with your legacy CCTV equipment and take full advantage of an TCP/IP network to allow software-based camera control switching and cabling, as well as digitizing this in the way the enterprise network behaves as a virtual matrix switch. This innovative architecture makes it remarkably easy to add or remove camera locations, without the need for any dedicated coaxial cables. New CCTV monitoring string requires a network connected PC with capable software. In fact, any PC with a connection (including wireless) to the network can view and control DVM.

**INTEGRATION WITH PRO-WATCH**

Digital Video Manager seamlessly integrates with Pro-Watch Security Management Software, including the user interface, the alarm and event subsystems, and controllers. Know your security system and CCTV system are completely integrated, with your operating software and control systems all from a single workstation.

Because this integration with Pro-Watch, DVM can respond to Pro-Watch alarms and events, automatically initiating video surveillance, making the system less susceptible to operator mistakes and eliminating real-time decision making. Operators are only presented with information relevant on an alarm event or those issuing the associated alarm.

There is no need to watch a video monitor, manually call-up or search through dozens of tapes to find that associated alarm.

Camera view and move cameras while simultaneously monitoring and controlling doors and hallways. Integrated navigation displays, menus and features are allowed to operators to quickly navigate to a particular camera, or automatically switch EID stations (as well as alarm monitoring) to show a particular camera. Direct access is provided from within the Pro-Watch alarm and event summary display to display any recording initiated by a Pro-Watch alarm or monitor detection.

DVM can control individual cameras or entire functions, enter recording commands, engage live high-quality images, as well as record and view closed videos. And for maximum ease of use. Sticks uses live-style navigation buttons, live views and quick recording.

**ADVANCED SEARCH CAPABILITIES**

DVM provides powerful search and retrieval capabilities that operators from the archiving tool find fast-forwarding and searching video to find a particular incident. Operators can search for recorded incidents based on criteria such as date and time, camera, recording type, and/or alarm/event type. These advanced search and retrieval capabilities are powered by Microsoft SQL Server database technology.

**ADVANCED, INTEGRATED SECURITY**

Digital Video Manager features proprietary technology that allows powerful search and retrieval capabilities, using the Microsoft SQL Server database technology, providing powerful search and retrieval capabilities that operators can search for recorded incidents based on criteria such as date and time, camera, recording type, and/or alarm/event type. These advanced search and retrieval capabilities are powered by Microsoft SQL Server database technology.

**SINGLE, INFORMATION-RICH USER INTERFACE**

The video motion detection system will be installed on a PC with the appropriate operating system to be a DVM client. In such cases, Microsoft Internet Explorer is used to host the DVM display. This provides the following major benefits:

- **ICAM** (including tracking, archiving, recording, viewing) software will use Microsoft Internet Explorer to host the DVM display. This provides the following major benefits:

**INTELLIGENT RECORDING**

For many applications, motion detection is a key requirement. Digital Video Manager allows motion detection features do not simply replicate the standard functionality available in today’s CCTV systems, they also include:

- Continuous or scheduled detection:
  - Automatically perform any of six different recording actions:
    - Record (including recording or archiving video)
    - Record (including recording or archiving video)
- **VIDEO MOTION DETECTION**

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