

Honeywell Digital Video Manager™



**Enhance Your Security Capabilities With
One Comprehensive CCTV System**

Honeywell

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Greater Surveillance Efficiency and Savings

Honeywell Digital Video Manager™ (DVM) is a scalable, digital closed-circuit television (CCTV) surveillance solution that delivers advanced user security features previously found only on high-end building management systems. DVM provides full integration with Honeywell Enterprise Buildings Integrator™ (EBI) without the expense of custom software integration or complicated interconnection wiring. When integrated with EBI, DVM automatically displays and records vital video information, greatly improving abnormal event management.

By incorporating advanced software and technology, DVM provides a high level of control over the recording and retrieval process while enabling monitoring and control of the surveillance process itself. And because its unique, open architecture easily integrates with existing enterprise systems, you can leverage your investment in existing switching equipment and coaxial cable or migrate to an open network infrastructure.

Open Architecture: Maximum Flexibility, Lowest Cost

Unlike other systems that require their own cabling, DVM can integrate with your legacy CCTV equipment or take full advantage of open TCP/IP network technologies to deliver software-based camera switching, control and digital recording. This remarkably flexible architecture makes it easy to add or relocate cameras along your building's network. There's no need to purchase and maintain racks of recording equipment, monitors and switches. New CCTV monitors require only a PC with suitable software and a network connection. The open architecture of DVM even lets you enhance your surveillance capabilities with a host of third-party products and applications.

Advanced Failsafe Features

DVM features advanced fault management that exceeds the failsafe features of other digital video systems. When digital video recorders fail, the attached cameras are no longer available for viewing and recording, increasing risk and reducing

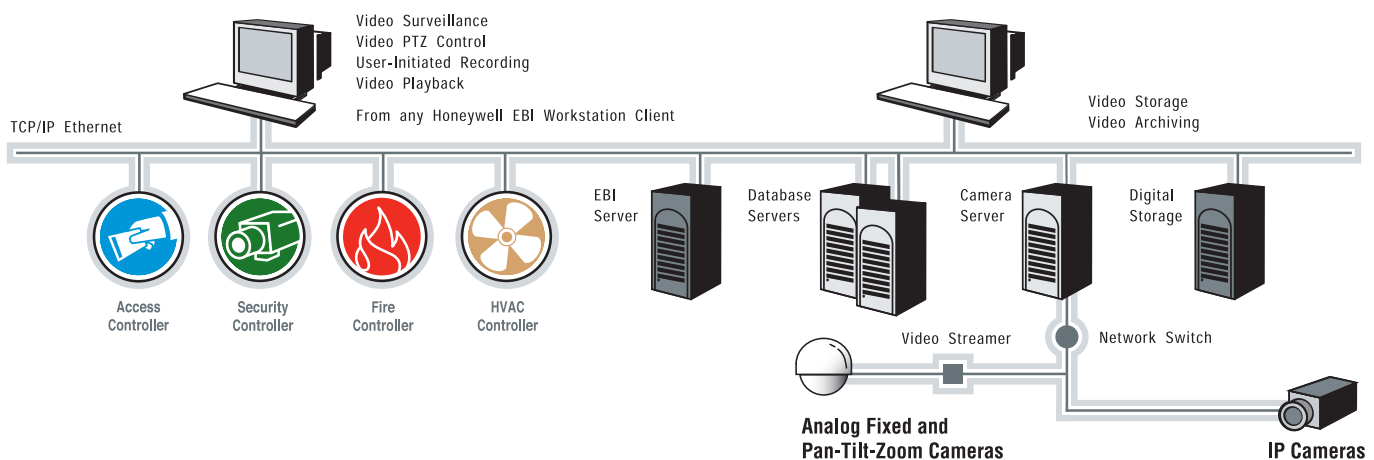
operator productivity. With DVM, the database server is available in a redundant configuration, so if the master database server fails, the system immediately fails over to the backup database server. In addition, video streams from cameras can be redirected to any server on the system in the event of a failure. This minimizes disruption and ensures that recording continues uninterrupted.

A Surveillance System With Real Intelligence

Honeywell brings real intelligence to your surveillance operations. In addition to scheduled and on-demand recordings, DVM can automatically record when motion is detected in any specified region.

For example, operators can specify automatic recording when a cardholder attempts to enter an unauthorized area, when a fire alarm pull station is activated, or when an alarm is received from critical HVAC or process control equipment. Recorded images can include not only the incident, but also what happened immediately before and after, providing a more complete picture to enhance your investigational process and outcome.

Digital Video Manager Architecture





Find the Exact Images You Want, Instantly

With DVM, you'll get powerful search capabilities, supporting quick retrieval of specific recorded incidents based on a wide range of criteria. Operators no longer face the frustrating task of fast-forwarding and rewinding to find a particular image on videotape. Because DVM lets you record only the video you need and specify how long images remain available, it saves operators hours of searching time while greatly reducing storage space.

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Digital Signatures: Simple Yet Secure

Use DVM to export recordings or segments of recordings into standard Windows® media files (MPEG-4 format). Every exported recording is digitally signed to provide authentication of the

origin of the recording and proof that the recording has not been tampered with. Unlike watermarks, digital signatures do not alter the original files, preventing evidentiary loss.

DVM provides a complete audit trail of all operator actions and system events, recording all changes made to the DVM configuration. When used in conjunction with site chain-of-custody processes and procedures, digital signatures and the audit trail greatly enhance the evidentiary weight of a recording in a legal proceeding.

A Single, Information-Rich User Interface

Your staff can perform all viewing, recording, archiving and retrieval functions from any network workstation, boosting personnel productivity and responsiveness. Operators don't need to leave their stations to replace the tape in a VCR, activate a recording or search for stored videotape. They can control each camera's pan/tilt/zoom functions and enter recording commands, plus they can simultaneously view high-quality live images and see record-and-play stored video from any camera.

Take Your Surveillance to the Next Level

As a standalone solution, DVM gives you a high level of surveillance performance, flexibility and cost-effectiveness. When used in conjunction with EBI, virtually all of your building systems can work together to help improve safety, security and productivity.

Honeywell Total Surveillance Solutions:

- Reduce the need for dedicated equipment and wiring
- Provide greater flexibility to expand and reconfigure
- Lower installation time and cost
- Reduce maintenance costs
- Use commercial off-the-shelf components
- Enable enterprise-wide access through local area network or wide area network
- Provide excellent system reliability through fault tolerance
- Eliminate more costly upgrades and retrofits through open software solutions
- Improve surveillance effectiveness

Features of DVM

DVM uses an industry-standard open architecture that can take advantage of the most powerful and cost-effective components and applications. The video server is a PC running Windows 2000 or 2003. Other elements and features of the system include:

- Support of industry-standard NTSC and PAL analog cameras, AXIS network cameras and selected cameras with pan/tilt/zoom
- Video streamers such as AXIS, Megachips and Sungjin that support NTSC and PAL camera output formats
- TCP/IP (Ethernet) network, which supports redundant network architectures over long distances, as well as mixed media types
- Automatically moves video to industry-standard, off-the-shelf storage devices for archiving, using Windows 2000 or 2003 features
- Database developed on Microsoft® SQL® Server



Honeywell Enterprise Buildings Integrator™ earned Frost & Sullivan's 2004 Technology Leadership Award for its excellence in integrating building systems into a single point of access.

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