



Highlights

- Automate the capture, indexing and storage of video surveillance
 - Monitor facilities, security check-points and passenger congestion
 - Reduce the amount of video storage required
 - Utilize open architecture to preserve existing investments
 - Access and view information remotely from a Web browser
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IBM Digital Video Surveillance

Video worth a thousand words

Traditional video surveillance systems present a number of challenges. Magnetic tapes take storage space, eventually wear out and aren't easily shared between security centers. Reviewing an event can take hours or even weeks to find evidence. Digital technology and video analytics provide the opportunity to get more value out of the video content captured and stored.

Security is a big concern for the travel and transportation industry. IBM® Digital Video Surveillance can help by providing efficient data analysis of video sequence in real time. Based on open standards-based middleware, the software platform allows monitoring and analysis of real-world events through multiple sensors, including video cameras, access control, perimeter detection, and fire and panic alarms.

IBM Digital Video Surveillance incorporates IT security and physical security to make it easier for airports and railway stations to use video surveillance for pedestrian flow monitoring and analysis, pedestrian safety, cargo inspection and other transportation logistics. And it provides a number of advantages over traditional video solutions, including:

- Real-time alerts that can help anticipate incidents by identifying suspicious behaviors.
- Enhanced forensic capabilities that allow for unique indexing and attribute-based search of video events to classify objects into categories such as people and cars.
- Situational awareness of a location and activity of objects in a monitored space, such as abandoned luggage.



The IBM Digital Video Surveillance solution works with both existing analog and also IP-based cameras. Video is captured as a stream and can be transported over IP-based networks for further indexing and analysis. Rules can be set for detection of predefined activities. Video can be shared among multiple security locations, and activities monitored across multiple premises, potentially reducing the need for staffing. Videos in digital format can be compressed, archived and stored away for years, making retrieval of archived digital videos a much easier task than retrieval of an analog video tape at a physical storage facility.

In addition to basic video capture, digital video surveillance systems can be integrated with advanced technology such as wireless networking, facial recognition analytics, license plate recognition, and data analysis to improve operational efficiency and the ability to respond immediately to real-time events.

IBM Digital Video Surveillance includes IBM hardware, consulting, design, planning and integration services. It can also include IBM software, and components such as cameras, servers, storage systems and network devices. We have global alliances with leading technology and security solution vendors to provide customers with a world-class portfolio of products. By teaming with leading digital video surveillance application management vendors, and integrating their software products into our solutions, IBM helps you save valuable time by avoiding the need to continuously review, test and evaluate new products.

For more information

To learn more about IBM Digital Video Surveillance, please contact your IBM representative or IBM Business Partner, or visit:
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Route 100
Somers, NY 10589

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