IBM

IBM Digital Media Solutions
for government

Highlights

■ *IBM Digital Media Solutions for defense, intelligence, law enforcement, library, public archive, judicial, weather forecasting, elected bodies and public works*

■ *Content management and distribution of video, audio, still images, documents, data and text*

■ *Conversion of existing analog assets into digital media format for preservation, indexing, search and retrieval*

■ *Integration into mission-critical workflows*

For most government agencies, the question is not whether to make the move to better manage the explosion of new digital media, but how.

IBM understands that getting there can seem a daunting task. Often critical information related to security, customer communication or archived data, exists in a variety of digital media formats including video, audio and still images.

How do you cope with a variety of file formats, manage very large volumes of content, storage, bandwidth and performance requirements, and still provide quick and easy retrieval of just the image or video clip the user needs?

The benefits of effectively capturing and managing digital media are many. The technology enables "instant information"—receiving and sending information in realtime. It means universal access and collaboration between sites and within a site. It means cutting costs when efficiency is improved by streamlining operations. It means help in providing customer service that is more timely (24x7), accurate and useful—at a lower cost.

With our long-standing relationship with government agencies, we can offer a broad range of digital media solutions. IBM provides hardware, software and services building blocks that can be applied to a variety of customized digital media applications and off-the-shelf products.

Video surveillance and security
The management of video surveillance data is core to today's homeland security objectives of threat reduction, detection, prevention, protection, response, recovery and investigation.

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Robust video surveillance security measures are appropriate for federal, state and local law enforcement, intelligence, border control, corrections, public transportation, facility security, airports and customs. A fully automated and cost effective solution ensures rapid access to and retrieval of digital video content. Coupled with biometrics — such as facial recognition, and retrieval from wireless devices — video surveillance data is a cornerstone of security features. Its benefits include:

- *Automated operations (digitization, indexing, tape management, retrieval)*
- *Rapid and accurate search and retrieval of recorded or intelligent event triggered video*
- *Flexible and scalable Internet Provider (IP)-based network solutions*
- *Integration with other IP-based access control and screening solutions*
- *Enhanced local and remote communication as well as inter-agency and department collaboration*

IBM provides extensive solutions for all applications of video surveillance and security. Our solutions can be integrated with access control and screening solutions to provide a unified "command center" view of a single location or complex facilities network.

IBM Video Surveillance and Security solutions are built on open standards embraced by IBM. They include software such as DB2, Content Manager and WebSphere Application Server, as well as IBM server and storage hardware.

Digital media archive and record management

Advances in digital media enable government agencies to convert and preserve existing analog assets, offer new services, capture new data in digital media formats, deliver online training and education, and better leverage investments in the existing Information Technology (IT) infrastructure.

IBM Digital Media Archive and Record Management solutions let you collect, manage, reproduce and distribute digital media content — in one comprehensive digital environment. Content can be linked with robust metadata for efficient and effective search and retrieval. The solutions allow access, sharing and delivery of content across the organization or between agencies. They also create a scalable non-degradable archive of digital media assets that can grow and be adapted to future needs.

Opportunities include defense and intelligence imagery, mapping, library and public archive record administration, law enforcement record and evidence management, government proceedings with digital transcription, employee training, facilities, maintenance and logistical management.

Workflows can be automated to simplify the capture, conversion, retrieval and analysis of video, audio and imagery data.

IBM Digital Media Archive and Record Management solutions provide government agencies with a strategic edge to better manage and apply digital media collected in virtually any aspect of governmental operations.

Customer communications

Digital media brings government closer to the people — through interactive archives of legislative sessions, committee meetings and public meetings of any kind. By providing greater access and availability in digital media formats such as video, audio and still images, governments are more responsive and can communicate, inform and educate more effectively in a cost effective environment.

These solutions

- *Allow government to communicate, educate and inform – electronically*
- *Make government more accessible and accountable*
- *Allow government to target large volumes of complex information to urban and remote communities*
- *Provide ubiquitous, low cost distribution to a variety of access devices – such as Personal Computers (PCs), handheld Personal Digital Assistants (PDAs) and cell phones*
- *Utilize existing IP infrastructures*

IBM Customer Communications solutions utilize streaming media and file distribution technologies to provide a cost effective method for communicating with and educating the public, other government bodies, and constituencies.

Government Digital Media Storage

Government agencies need cost-effective, flexible and reliable storage solutions that meet the demanding needs of digital media libraries and archives.

IBM Government Digital Media Storage solutions provide:

- *Reduced cost of storage ownership*
- *Faster retrieval*
- *Continuous availability*
- *Greater scalability*
- *Security features*
- *Capacity on demand*

With our storage products and hosting options we can help meet the needs of even the largest government digital media storage requirements.

Why IBM?

IBM is a recognized leader in delivering government e-business solutions with our unsurpassed global services resource and a strong track record in deploying mission-critical applications.

IBM is uniquely capable of providing the industry-leading middleware and integration services needed to succeed in the transformation to a next generation service infrastructure. IBM is a global leader in the creation and delivery of leading-edge e-business solutions delivered via traditional and wireless network devices.

IBM — the complete government digital media solutions provider

Electronic government strategies can be improved with the help of a global technology provider like IBM. We have the talent, technologies, commitment and focus to seize the opportunities offered by the electronic government revolution.

IBM is a worldwide leader in creating, developing and manufacturing some of the industry's most advanced information technologies. Our experience with digital content includes everything from servers and hardware to software and consultancy.

IBM is unique in its ability to offer governments complete, end-to-end digital content solutions to address real-world needs. We understand your requirements and have the digital media solutions to meet them.

IBM helps you deliver new digital media applications and services to your customers, built on a robust IT infrastructure. Our digital media solutions run on a broad range of platforms, providing fast deployment, low-cost and high "quality of experience" to end-users.

IBM. A company that can effectively address the real-world needs of the electronic government.

For more information

To find our more about IBM Digital Media Solutions for government, we invite you to talk to your IBM sales representative, or visit:
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ibm.com/industries/government

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