



# The Cinemage® Archival System

The Cinemage® Archival System is a 100% solution for archival collection management on the Internet or on an internal network. The system is entirely web-based and can be accessed from anywhere on the Internet using standard web browsers. Access control mechanisms provide for everything from public (read-only) access, to complete records management, all done through a simple user interface and standard web forms. Included are tools for image management and display and an optional e-commerce module is available for on-line purchase of images or other media.

## System Highlights

Highlights of the system include:

- Completely web-based.
- Powerful search capabilities.
- Provision of multiple levels of access and authentication.
- Ability to handle multiple media & data formats.
- Ability to display images in different resolutions and levels of detail.
- RAD-compliant, supports ISO2709 and MARC.

## Key Features

### Text Search and Display

- Simple searches across specified fields or the entire collection.
- Scan function to create an index using a specified field (and the ability to access a result set from this scan).
- Ability to further search on a result set to refine the search results.
- Ability to browse through result sets.
- Access to more complex and powerful search mechanisms.

### Image Display

- Ability to display thumbnail images in light-table or list form.
- Ability to display images in a variety of resolutions.

### Access Control

- Multiple levels of control and security through easily created user accounts.
- Data owners have complete control over their own collections.
- Public access without accounts can be provided.

### Data Maintenance

- All maintenance done through standard web forms.
- Database design is flexible allowing any number of fields as well as repeating fields.
- Supports ISO2709 and MARC format for data.
- Data owners can add individual records or edit existing records.
- Facilities are provided for bulk upload of data.
- Mapping tables provide for easy import of data from other existing databases.
- Data can also be exported in a variety of formats.
- Hyperlinks can be created between records, databases, and to external sources.

### Image Maintenance

- System handles all standard image formats (Jpeg, TIFF, BMP, GIF, etc)
- Only the highest resolution images are loaded - all lower resolution images are generated by the system.
- The system will export text and thumbnail images in the format required by Images Canada.

## System Description

The fundamental basis of the Cinemage system is a distributed multimedia database system. The system is designed so that it may access multimedia content collections located anywhere on the Internet.

The heart of the system is the Service Manager, which controls access to the various collections or services. The service manager performs two major roles for each service, acting as a top-level

directory to the services, and providing authentication and access control. Each service consists of one or more inter-linked databases, containing text and possibly multimedia items. Users can search and browse the various databases, moving freely between them

The data owner has complete control over access to the data with multiple levels of access available. These levels can include free public access to some or all of the data, access which requires a user account, and administrative access. Administrative access provides multiple levels to allow complete control over the data. Administrative accounts have access to tools for data entry and maintenance. The service owner also has control over the look and feel of the service including such things as organization, colours, fonts, and other items.

A unique feature of the Cinemage System is the ability for data owners to create their own "views" into the database. This facility means that, while their materials form part of the overall database, they can also provide a different unique access to just their materials.

The system includes an optional e-commerce component that provides a variety of options including pay-per-view, subscription-based pricing, and the ability to sell individual media items (for immediate download or later delivery).

In short, the system provides a powerful tool for creating and maintaining archival collections.

## **Technical Requirements**

### **Client Software**

The only requirement for the client is an Internet-connected PC and a standard web browser. (Internet Explorer 5.x or higher or Netscape 6.x recommended.)

### **Cinemage System Server**

Minimum requirements for the Cinemage System server are a PC running the Linux operating system (At least a Pentium 600MHz with 512Mb memory is recommended). Further requirements will depend on various other factors including the size of the collection, whether the system is to be Internet-deployed, and the anticipated user load. If remote (Internet) access is required, then a high-speed link to the Internet is necessary.

### **Cinemage Media Server**

The Media Server software may physically reside on the same hardware platform as the System Server. The System Server can also access multiple Media Servers (which can be local or reside on remote machines).

The primary requirement for the Media Server is sufficient disk space for storage of the media. This is entirely dependent on the size of the media files and the size of the collection.

### **Cinemage E-commerce Server**

The E-commerce Server usually resides on the same hardware platform as the System Server. E-commerce capability requires the establishment of an arrangement with a 3<sup>rd</sup> party credit card processing service for fulfillment.

## **Current Customers**

Current users of the Cinemage Archival System include the Archives Association of British Columbia and the Archives Society of Alberta.

## **For Further Information**

For further information please contact us, by telephone at 604-669-0699 or via email at [sales@cinemage.com](mailto:sales@cinemage.com).

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