

# State Government Digital Preservation Profiles

## Maryland ARM

July 2006

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## Introduction

The state government digital preservation profiles available on this Web page are based on information collected from those state and territorial library, archives, and records management units that completed CTG's State Government Digital Information Preservation Survey. CTG administered the survey to all state and several territorial librarians, archivists, and records managers in early 2006. See baseline report for details.

The profiles are organized by state or territory and the library (**L**), archives (**A**), and records management (**RM**) units that were represented in the survey response. (For example, "**Alabama ARM**," which is the first responding unit in the drop down menu below, refers to the **archives and records management** units from Alabama in one survey response.) For some states, respondents also included agencies other than library, archives, and records management. These profiles are marked with an asterisk (\*) and the other units that contributed to the survey response are specified in the profiles.

To select a different profile, click on the Introduction/Select Profile link located on the top left of the screen.

You can also view consolidated tables showing how all the state/territory responding units replied to selected questions in the survey. (This is also found in Appendix E of Preserving State Government Digital Information: A Baseline Report.)

### **STATE PROFILES CONTACT**

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Center for Technology in Government  
University at Albany, SUNY

## Section 1. Responding Unit(s)

**Name of state or territory.**

Maryland

**Name and affiliation of individual(s) who responded on behalf of the state or territory.**

Dr. Edward C. Papenfuse, State Archivist and Commissioner of Land Patents

**This profile includes information provided by the following units for this state:**

- Archives
- Records Management

## Section 2.1a. Setting Standards for EXECUTIVE Agencies

The following units have authority for setting standards, specified below, for digital information created or maintained by EXECUTIVE agencies. Multiple boxes are checked to reflect authority that is shared or delegated.

	Authority not assigned	Library has authority	Archives has authority	Records Management has authority	Others (See below)
Setting data management standards and or guidelines for information creation (e.g., metadata, file formats).			X		
Setting information technology standards and or guidelines for information creation (e.g., state approved software applications).			X		
Setting standards for information retention and disposal (e.g., retention periods and methods of disposal) for various series/types of digital records and publications.			X		

**Other standards and the units with authority over setting them.**

No information provided

**Additional information.**

No information provided

## Section 2.1b. Services Provided to EXECUTIVE Agencies

The following units provide the services, specified below, to EXECUTIVE agencies. If services are provided by multiple units, the appropriate boxes are checked.

	Services not provided	Library provides services	Archives provides services	Records Management provides services	Others (See below)
Storage for digital information.			X		
Consultation and training services on digital information creation.			X		
Consultation and training services on digital information management.			X		
Consultation and training services on digital information preservation.			X		
Consultation and training services on digital information preservation.			X		
Preservation (e.g., migration, reformatting).			X		
Access (e.g., search engine).			X		
Certification (e.g., trustworthiness of system, backups sufficient).			X		

**Other services provided and the units that provide them.**

No information provided

**Additional information.**

No information provided

## Section 2.2a. Setting Standards for LEGISLATIVE Agencies

The following units have authority for setting standards, specified below, for digital information created or maintained by LEGISLATIVE agencies. Multiple boxes are checked to reflect authority that is shared or delegated.

	Authority not assigned	Library has authority	Archives has authority	Records Management has authority	Others (See below)
Setting data management standards and or guidelines for information creation (e.g., metadata, file formats).			X		
Setting information technology standards and or guidelines for information creation (e.g., state approved software applications).			X		
Setting standards for information retention and disposal (e.g., retention periods and methods of disposal) for various series/types of digital records and publications.			X		

**Other standards and the units with authority over setting them.**

No information provided

**Additional information.**

No information provided

## Section 2.2b. Providing Service to LEGISLATIVE Agencies

The following units provide the services, specified below, to LEGISLATIVE agencies. If services are provided by multiple units, the appropriate boxes are checked.

	Services not provided	Library provides services	Archives provides services	Records Management provides services	Others (See below)
Storage for digital information.			X		
Consultation and training services on digital information creation.			X		
Consultation and training services on digital information management.			X		
Consultation and training services on digital information preservation.			X		
Consultation and training services on digital information preservation.			X		
Preservation (e.g., migration, reformatting).			X		
Access (e.g., search engine).			X		
Certification (e.g., trustworthiness of system, backups sufficient).			X		

**Other services provided and the units that provide them.**

No information provided

**Additional information.**

While the Archives has the authority to assume responsibility, the Legislature is maintaining its own Web-based information system and has not fully complied with existing rules and regulations regarding permanent electronic records.

## Section 2.3a. Setting Standards for JUDICIAL Agencies

The following units have authority for setting standards, specified below, for digital information created or maintained by JUDICIAL agencies. Multiple boxes are checked to reflect authority that is shared or delegated.

	Authority not assigned	Library has authority	Archives has authority	Records Management has authority	Others (See below)
Setting data management standards and or guidelines for information creation (e.g., metadata, file formats).			X		
Setting information technology standards and or guidelines for information creation (e.g., state approved software applications).			X		
Setting standards for information retention and disposal (e.g., retention periods and methods of disposal) for various series/types of digital records and publications.			X		

**Other standards and the units with authority over setting them.**

No information provided

**Additional information.**

The court has rule making authority which parallels but does not supersede Archival law and the rule making powers of the Archives.

## Section 2.3b. Providing Service to JUDICIAL Agencies

The following units provide the services, specified below, to LEGISLATIVE agencies. If services are provided by multiple units, the appropriate boxes are checked.

	Services not provided	Library provides services	Archives provides services	Records Management provides services	Others (See below)
Storage for digital information.			X		
Consultation and training services on digital information creation.			X		
Consultation and training services on digital information management.			X		
Consultation and training services on digital information preservation.			X		
Consultation and training services on digital information preservation.			X		
Preservation (e.g., migration, reformatting).			X		
Access (e.g., search engine).			X		
Certification (e.g., trustworthiness of system, backups sufficient).			X		

**Other services provided and the units that provide them.**

No information provided

**Additional information.**

The judiciary is developing its own data warehouse, but will have to maintain security copies of permanent records with the Archives.

## Section 3. State Government Digital Information Preservation Activities

This section includes descriptions of past or current digital preservation activities in the state.

**TITLE OF THE STATE GOVERNMENT DIGITAL INFORMATION PRESERVATION ACTIVITY:**

Electronic Archives

**SHORT DESCRIPTION:**

The Maryland State Archives has pioneered in creating an electronic archives for the State of Maryland, now encompassing ca. 120 TB of image and text/database data. It is our opinion that it is the largest of its kind in the United States (apart from any of those that might be maintained by the 'secret' agencies such as NSA).

**LINKS TO RELATED WEB SITES OR PROJECT DOCUMENTS:**

<http://mdsa.net>

<http://plats.net>

<http://mdlandrec.net>

You will need a user name and password to access some or all areas of each.

**CONTACT FOR THIS ACTIVITY:**

[edp@mdsa.net](mailto:edp@mdsa.net)

## Section 4. Training Needs for Digital Preservation Related Activities

Level of training needed for the digital preservation capabilities, specified below.

	Training already provided	Basic training needed	Advanced training needed
Identify the type and amount of digital information throughout the state.	X		
Select and appraise state government information in digital form.	X		
Identify key stakeholders related to specific digital information (other local/state agencies, other states, private sector, etc.).	X		
Negotiate and make agreements with key stakeholders to preserve digital information.	X		
Acquire state government information in digital form for holdings.	X		
Manage state government information in digital form (metadata, reformatting, etc.).	X		
Manage the ingest of digital information into a repository.	X		
Manage the long-term storage of digital information in a repository.	X		
Develop mechanisms to monitor the long-term usability of state government information in digital form.	X		
Make state government information in digital form accessible to users.	X		
Produce a disaster and recovery planning for state government information in digital form.	X		
Manage copyright, security, and other legal issues of relevance to state government digital information.	X		
Other (See below).			

### Other training needed for digital preservation capability.

No information provided

### Additional information on existing training programs.

We seek out and appraise electronic records created by government by series and focus on preserving and accessing them within that context. Hence our pioneering <http://mdlandrec.net> which currently contains 128,000,000 searchable images on line for several series of related permanent electronic records.

## Section 5. State Government Digital Information Currently At-Risk #1

This section includes examples of state government digital information that is at-risk of deteriorating or being altered or lost through format or technological obsolescence, policy or procedural gaps, or financial constraints.

### **DESCRIPTION OF AT-RISK STATE GOVERNMENT DIGITAL INFORMATION:**

Almost all but the series we have identified and have secured funding for preservation/access are at risk.

### **CONDITIONS CAUSING INFORMATION TO BE AT-RISK:**

Little or no care/funding on the part of agencies creating the records to pay attention to permanent preservation/perpetual access.

### **STRATEGIES CONSIDERED TO PRESERVE AT-RISK STATE GOVERNMENT DIGITAL INFORMATION:**

We have identified and continually fight for access to fee based income that should be used for long term preservation and access, hence our current annual income of \$7.1 for the acquisition, access, and permanent preservation of Maryland land records (all of which will be on line by September encompassing 162,000,000 web accessible images).

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### **Examples of government digital information that was not preserved and is no longer accessible.**

Two different propositions. GIS information is a good example. Some has been 'preserved' but in an unrecognizable and inaccessible format.

## Section 6. Enterprise Architecture

The following section describes the state's and corresponding units' awareness of and involvement in their state's Enterprise Architecture efforts.

**Aware of state's Enterprise Architecture efforts.**

Yes

**Involved in state's Enterprise Architecture efforts.**

Yes

**Nature of involvement in the state's Enterprise Architecture efforts, if appropriate.**

See our [mdlandrec.net](http://mdlandrec.net) site

**Links to relevant documentation that describes the unit's involvement in the state's Enterprise Architecture efforts.**

No information provided

## Section 7. Additional Thoughts or Comments

There will never be enough money to do what is needed unless systems designed for current needs carry with them a necessary component for the permanent preservation and access of permanently valuable electronic records.