

National Information Infrastructure and Preservation Program (NDIIPP) States Projects – Overview and Evaluation

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Make it Work: Improvisations on the Stewardship of Digital Information

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Four NDIIPP State Projects

Project	Lead Institution
Persistent Digital Archives and Library System	Arizona State Library, Archives and Public Records
A Model Technological and Social Architecture for the Preservation of State Government Digital Information	Minnesota Historical Society
Geospatial Multistate Archive and Preservation Project (GeoMAPP)	North Carolina Center for Geographic Information and Analysis
Multi-state Preservation Consortium	Washington State Archives

Project Review Process

- Kick-off discussion at Best Practices Exchange in October 2010
- Analysis of project deliverables and documentation
- Visits to each of project's lead partner sites
- Monitoring of project activities and announcements – mailing lists, online project spaces, conference calls

Main Questions Guiding State NDIIPP Project Review

- What are the main **factors** that drove them to undertake the project?
- **Who** is involved and **why**?
- What were related activities and relationships of participating parties **before** the project?
- How does the project fit into missions, goals and plans of participating parties (i.e. what are their **incentives** for participating)?
- What are plans for advancing activities **after** the grant?
- Which of the products and lessons from the project are **most** and **least** likely to be applicable in other states?



Two technical goals: (1) develop a curatorial rationale to support an automated, integrated workflow to process collections of digital publications and records, and (2) implement “digital stacks” using an inexpensive, storage network that can preserve the authenticity and integrity of the collections

Social goal: build a community of shared practice including a wide range of repositories and remove barriers to technology adoption by keeping costs low



[Alabama Department of Archives and History](#)

[Arizona State Library Archives and Public Records](#)

[State Library and Archives of Florida](#)

[New Mexico State Records Center and Archives](#)

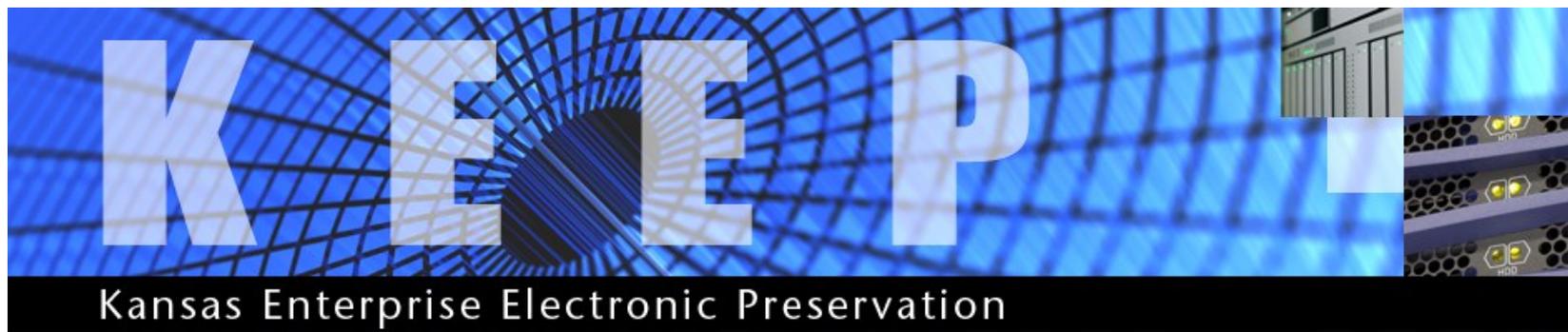
[New York State Archives, New York State Library](#)

[South Carolina Department of Archives and History & South Carolina State Library](#)

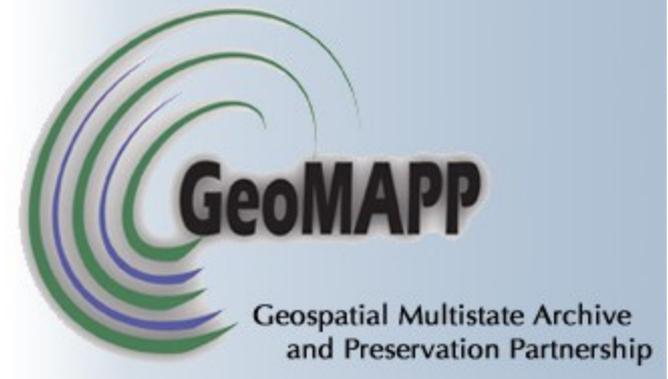
[Wisconsin Historical Society](#)

A Model Technological and Social Architecture for the Preservation of State Government Digital Information

- Working with state legislatures to explore enhanced access to legislative digital records
- States: Minnesota, California, Kansas, Tennessee, Mississippi, Illinois and Vermont
- In recognition of diversity of state contexts - exploring a variety of technical approaches and architectures
- Training and generation of guidance documents for states
- Investigation of XML-native database environment for information from legislative systems
- Partnership with University of California Curation Center (UC3) – testing of Merritt system for ingest and management of legislative materials
- Recent addition: testing of Tessella’s Safety Deposit Box – Vermont, Tennessee, Illinois, Minnesota
- Partnering with and channeling grant funds to...



- To build enterprise-wide (all three government branches) repository for Kansas government electronic records with long-term value
- Certification of authenticity for specific record sets on a fee basis
- Team includes Kansas Historical Society, legislature, judicial branch, Attorney General's Office, Division of Information Systems and Communications (DISC)
- To be integrated with Kansas Legislative Information Systems and Services (KLISS) system
- Major factor: Kansas House Bill 2195 (2010) authorizing State Archivist to set standards for maintaining authenticity of electronic government records, certify systems for compliance with the standards, and serve as agent for authenticating records
- Funding model based on:
 - Funds from IT projects that house records with retentions of 10 or more years
 - Maintenance fees related to the quantity and format of the records in KEEP
 - Fees for authenticating records
- Companies: Imerge Consulting, Propylon, Alexander Open Systems (EMC, Cisco, VMWare)



- Preservation of at-risk and temporally significant digital geospatial content
- Modeling an organized network for transfer and replication of geospatial data content within and between states
- Exploring various methods and tools for preserving geospatial data
- Generating detailed guidance for states to ingest and manage snapshots of geospatial data
- Partner States: Kentucky, Montana, North Carolina, Utah
- Informational Partners: Arizona, District of Columbia, Georgia, Illinois, Kansas, Maine, Maryland, Minnesota, Mississippi, New York, Texas, Wisconsin, Wyoming

Multi-state Preservation Consortium

- Building on Washington State Archives digital archives environment to implement centralized regional repository for state and local digital information
- Strong focus on local records
- Component for submission – ArchiveThis!
- Code written in C# programming language and built on top of Microsoft platform
- States: Washington, Alaska, California, Colorado, Idaho, Louisiana, Montana, Oregon

Major Lessons and Themes

- Building on strengths – previous activities, opportunities in local context
- Persistence in the face of dramatic changes and challenges
- Diversity of approaches is major asset – but most valuable if states can easily learn what others are doing
- Progress is often specific to content type – the good and the bad of this

One view of alignment:



Source: Wheel Alignment Cost.

<http://www.wheelalignmentcostpro.com/wp-content/uploads/2011/05/Wheel-Alignment-300x238.jpg>

Probably more appropriate for
preservation of state electronic
resources:



Source: http://www.arcade-museum.com/game_detail.php?game_id=8747

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