

Wisconsin Library Technology Strategic Plan

Progress Summary and Implementation Plan of the Goals and Objectives

January, 2010

In October 1998 the Wisconsin Division for Libraries, Technology, and Community Learning (Division) published the Wisconsin Library Technology Strategic Plan. In May 2008, the Council on Library and Network Development (COLAND) worked with DPI and other library groups to plan and carry out a comprehensive visioning summit on The Future of Wisconsin Libraries 2008-2018. Participants included library staff, users, and other interested people from all types of libraries. The report from the summit included two strong recommendations related to technology. Other recommendations described potential changes or expansions for existing programs.

Strategic Direction 1. One card – any library

By 2018 Wisconsin libraries and all they contain will be universally accessible through a single library card available to all residents of the state - a “forever library card.”

Strategic Direction 2. Robust Bandwidth

Wisconsin citizens are limited in their educational attainment and workforce participation when they do not have access to broadband network services. To level the playing field for all communities, libraries/educational institutions must have access to robust and sufficient broadband network services by 2010.

Division staff and the Library Information Technology Advisory Committee will periodically review and update the plan's goals and objectives and the summary and implementation sections as needed. The intent is to keep these two parts of the plan updated to reflect changes in the implementation and use of technology in libraries.

Goals and Objectives

As befits a strategic plan, the goals and objectives listed below are broadly stated. More specific implementation processes have been developed to accomplish the goals and objectives for each biennial budget period (see the *Progress Summary and Implementation Plan* section below). The goals and objectives focus primarily on the Department of Public Instruction’s statutory commission to promote and develop networks to foster interlibrary cooperation and resource sharing among all types of libraries. It is hoped, however, that all types of libraries will find common ground with many of these goals and their related implementation processes.

The goals and objectives below are based on the following principles:

1. The statewide network enables participation by all types and sizes of libraries and provides core resource sharing services. The level of library participation will vary and be determined by various factors including size of library, type of library and the library’s mission.

2. The evolving library network will build on existing networks and services. When feasible, the Department of Public Instruction will assist in the creation of new networks and facilitate library access to these networks in coordination with other groups and agencies. The statewide network will also work with networks and organizations in other states.
3. Development of collections in all formats is primarily a local responsibility. Individual library collections are, and will remain, a critical element in meeting the information needs of the state's residents. The use of technology to enhance access to remote information resources augments local collections. Technology and participation in library networks is not a substitute for well developed and supported local library collections.
4. When feasible, access to information in electronic formats should be available statewide and implemented in a manner that demonstrates, complements and strengthens the role of local libraries.

Goal 1	Objectives
<p>All residents have access to a statewide library network which provides access to information from libraries and other locations.</p>	<ul style="list-style-type: none"> • All libraries in Wisconsin will have direct Internet access to facilitate participation in library and information networks. • Integrated library information systems are linked to the network, including shared and individual automated library systems and interlibrary loan and reference referral systems. • The state supports a union/virtual catalog and interlibrary loan management system (WISCAT) that is linked to the network and facilitates access to library resources. • Through the BadgerLink Website maintained by the Division, the state assists in funding full-text databases and other information resources available in electronic format to all Wisconsin libraries and residents. • Key publications, particularly state and local government materials and rare historical materials, are captured in digital format or digitized and made accessible via the network. • Electronic services for people with visual, physical and cognitive disabilities are provided. • Virtual reference services are provided to Wisconsin residents by library staff. • Information is delivered using a range of technologies including mobile devices.

Goal 2	Objectives
<p>Libraries have collections that meet the needs of their primary clientele and are also available to other Wisconsin residents through a statewide library network.</p>	<ul style="list-style-type: none"> • The state financially supports the structure to provide the sharing of materials statewide. • The state facilitates the development of shared automated systems to enhance resource sharing. • Automated interlibrary loan, which incorporates appropriate policy and technical protocols, is an integral part of the network. • The state facilitates and supports the digitization of local library materials and statewide access to these materials.
Goal 3	Objectives
<p>A comprehensive materials delivery system supports the sharing of library materials throughout the state.</p>	<ul style="list-style-type: none"> • The Delivery Services Advisory Committee continues to provide guidance as the statewide delivery system develops. • Public library systems continue to develop delivery services to meet the needs of their members and include other types of libraries when feasible. • Contracts and agreements facilitate the participation of all types of libraries as the delivery system develops. • Electronic delivery options are explored and built into the statewide library network as they become service- and cost-effective. • The state will explore the relationship between local, regional, and statewide print and electronic collection development.

Goal 4	Objectives
<p>Training for library staff and patrons is incorporated at every level of a statewide library network.</p>	<ul style="list-style-type: none"> • Training will be provided by a wide variety of organizations including public library systems, Cooperative Education Service Agencies, libraries, and other educational institutions, organizations and associations. • Technical training is developed and implemented across the state for all features of a statewide library network. • The Division for Libraries, Technology, and Community Learning coordinates training for accessing specific information resources that it supports (e.g., WISCAT, BadgerLink, AskAway, Wisconsin Digital Archive, and interlibrary loan). • Strategies for ensuring technical expertise at local and regional levels are developed. • User groups are organized to ensure ongoing support and feedback for all aspects of the network. • The new BadgerNet telecommunications network will be used to enhance training through use of web-based training, video-streaming, and real-time training.

Goal 5	Objectives
<p>The Division for Libraries, Technology, and Community Learning takes the lead in facilitating implementation of a statewide library network.</p>	<ul style="list-style-type: none"> • The Division establishes ongoing communication and interaction with all types of libraries, library groups, the education community and other organizations in the state to continue supporting access to local, regional, statewide, and national library networks. • Reports on implementation of this plan are included in the mandatory biennial reports of the Division to the Council on Library and Network Development and shared with other interest groups and the public. • The Division develops specifications and bid documents and contracts for services to enhance development of a statewide library network and access to content via that network. • The Division works with other agencies and organizations to insure that Wisconsin libraries have adequate bandwidth to meet the changing uses of the Internet and Web. • The Division facilitates network development and access via projects funded by the Library Services and Technology Act. • The Division continues to advocate for funding to assist libraries with their technology needs. • The Division collaborates with other libraries and library organizations in developing a public relations effort to raise public, legislative and gubernatorial awareness of the benefits of a statewide library network and to promote support for it.

Progress Summary and Implementation Plan: 2009-2011

Below are the more specific implementation steps and processes that have been developed, or that are projected for development, to accomplish the goals and objectives of the Library Technology Strategic Plan.

Access to Networked Information

Goal 1: All residents have access to a statewide library network which provides access to information from libraries and other locations.

Internet access and statewide networking

For information on Internet access and statewide networking, see Goal 5 below.

Statewide catalogs and interlibrary loan management systems

Progress summary

WISCAT is a statewide bibliographic database and virtual catalog of library holdings and an interlibrary loan management system for Wisconsin libraries. As of May 2009, the union database contained 7.2 million titles and 35.4 million holdings identifying materials in 1,205 Wisconsin libraries of all types. Library staff and patrons conducted 42 million searches during 2009. The Division negotiates and manages the contract for the production of WISCAT and provides technical support to WISCAT users. Participating libraries received over 180,000 requests in each year for 2009. This program is funded through LSTA funds.

In January, 2007 the Division implemented the new contract with Auto-Graphics, Inc. for the AGen union catalog, virtual catalog, and interlibrary loan management system for the WISCAT service. This version of WISCAT has allowed for easier combined searching of the union and virtual catalogs, more flexible lender string construction, and filtering of library requests. Staff implemented ISO protocol searching with ILLiad, allowing transactions to be sent back and forth between AGen and ILLiad as requests progressed through their cycle. In 2009, staff implemented federated searching that combined access to WISCAT and BadgerLink databases through a single searching mechanism. Statistics for WISCAT and OCLC interlibrary loan were developed and posted on the Reference and Loan Library website. The Reference and Loan Library paid for the National Circulation Interchange Protocol (NCIP) software module for Mid-Wisconsin and Lakeshores library systems in order to experiment with interfacing AGen interlibrary loan and SirsiDynix circulation functions, but SirsiDynix declined to do the necessary testing during 2008 and 2009, but has agreed to resume testing in 2010. URL Links were made within EBSCO and ProQuest to allow users to identify which libraries owned specific magazine or newspaper titles.

Academic and some public libraries use OCLC for a union catalog and interlibrary loan management system.

Division plans for FY2009-2011

1. Implement SIP or NCIP protocols to integrate the WISCAT interlibrary loan management system with shared and local automated library systems.

2. Implement ISO protocols to allow interlibrary loan management systems to share information with each other with emphasis on UW campus ILLiad systems and OCLC.
3. Continue to enhance the WISCAT software, including upgrading to Illuminar.
4. Provide consultation and technical assistance to libraries using WISCAT and OCLC.
5. Incorporate WISCAT use into the Enhancing Education Through Technology (EETT) competitive grant process.
6. Utilize the virtual catalog to a greater extent and decrease the addition of holdings in the union catalog.

BadgerLink

Progress summary

BadgerLink, provides web access to full text information, WISCAT, WorldCat, government information, Wisconsin digitized library collections, Reference and Loan Library databases, and links to other web sites. The Division received over \$2.1 million from the Universal Service Fund for each year of the 2007-2009 biennium to continue the BadgerLink service. The budget for 2009-2011 was increased by \$127,500 in 2009-2010 and \$337,900 in 2010-2011

The Division makes BadgerLink services available to libraries, schools, businesses, and other organizations and to Wisconsin residents at home, in the office, or in other locations. Wisconsin library staff and residents made approximately 18 million searches per year using BadgerLink magazines and newspapers in the last biennium. Division staff provided training sessions to library staff. Reference and Loan Library staff maintains IP addresses for nearly 200 Internet Service Providers. Publicity materials were provided for library staff to use in promoting the service. Some libraries have set up local authentication through local automated systems. The Division maintains a list of Wisconsin IP addresses and a list of library card number patterns from Wisconsin libraries to be used for authentication of users. The Division has registered BadgerLink as a trademark.

In 2009, the Division contracted with Auto-Graphics to provide centralized authentication and federated searching of BadgerLink databases along with library online catalogs and other resources. Federated searching capability is provided through the BadgerLink home page and through WISCAT. Discovery of EBSCO resources was made available through Google.

The Division maintains databases of digitized collections in Wisconsin libraries and titles from songbooks in the Reference and Loan Library collection and both are featured on BadgerLink. Using funding provided by the Gates foundation, staff contracted for the provision of hands-on training for BadgerLink resources and created Quick Start Guides for online resources for public libraries.

In 2008-2009, the Division developed and released an RFP for the period 2009-2012 with the option of three additional two-year renewals. Vendors chosen to continue services include EBSCO (magazines and newspapers and reference services), Heritage Microfilm, Inc. (Access NewspaperArchive for historical newspapers), TeachingBooks.net, LLC (online collection of multimedia information about children's literature and authors of children's books (for the K-12 age range), Gale (LitFinder for poems, essays, speeches, plays and other works), Encyclopedia Britannica (three K-12 levels and a Spanish edition) and ProQuest (HeritageQuest for genealogy materials). Magazine, newspaper, and reference book content nearly doubled under the new contracts.

BadgerLink celebrated its 10th anniversary January, 2009.

Division BadgerLink activities for 2009-2011

1. Expand the scope of BadgerLink resources.

2. Promote BadgerLink to Wisconsin libraries and residents through continued development of a BadgerLink Toolkit and marketing plan. Provide ongoing training for BadgerLink and improve training information on the website.
3. Improve existing and develop additional Wisconsin databases including a library directory, digital collections index, a songbook index, and education, library, and government information site links.
4. Continue to improve authentication strategies and methods.
5. Improve the accuracy of statistical information and provide more ongoing statistics on BadgerLink use.
6. Encourage all types of libraries to promote the BadgerLink brand by creating a prominent link to BadgerLink on the library's website and by providing credit to BadgerLink when databases are listed separately.
7. Improve the process for notifying users of changes to BadgerLink databases, interfaces, and services.
8. Extend federated searching for public library systems and local library to include local as well as BadgerLink resources.
9. Redesign the BadgerLink webpage.
10. Add video content through collaboration with the Educational Communications Board (ECB).

Virtual reference services

Progress summary

Beginning in 2006, the Division funded statewide 24/7 reference services (AskAway) using OCLC QuestionPoint. In 2009 in collaboration with a national consortium, 31 public library systems, academic and technical college libraries, and the Reference and Loan Library provided staff to answer questions. All Wisconsin libraries may choose to place the AskAway logo and link on their web site so that their patrons can take part in this chat service. AskAway statistics are posted on the Reference and Loan Library website. The Division assumed OCLC costs related to the program beginning January, 2010.

Division plans for 2009-2011

1. Continue to provide Reference and Loan Library weekly staffing for the 24/7 program.
2. Work with libraries to increase the total number of staffing hours.
3. Continue to develop and provide best practice training for participants.
4. Increase the number of libraries providing access to AskAway on their websites.
5. Encourage greater participation by schools.

Wisconsin Document Depository Program and Wisconsin Digital Archive

Progress summary

The Division collects and distributes state government publications to 50 state and regional libraries that provide access to the public. Depository libraries include state government agency libraries, public libraries, and academic libraries. The Wisconsin Historical Society maintains the most complete collection of materials and catalogs and classifies the documents. Several other libraries collaborate in the cataloging process.

The Division maintains a license to the OCLC Digital Archive and archives and preserves state government documents. Division staff took part in federal projects to develop an ongoing process for preservation and archiving of state government documents. A strong collaboration has been developed with the Wisconsin Historical Society, Legislative Reference Bureau, and the State Law Library to catalog archived information and make it available to the public. As state agencies increasingly produce publications electronically, it has become more difficult to distribute publications. The Division placed increasing emphasis on working with digital information as described in the following section.

Division Document Depository Program activities for 2009-2011

1. Continue to distribute print publications to public and academic libraries taking part in the program.
2. Continue to maintain the Wisconsin Digital Archive.
3. Distribute catalog records for digitally archived documents to libraries for inclusion in their online catalogs
4. Continue to take part in federal projects and activities related to digitization and preservation of state government information.
5. Meet with depository libraries to plan future directions and determine the best means of marketing state government information.

Digitization of government information and historical materials

Progress Summary

During 2005-2007, the Division worked to improve access to digital information whether it was born digital or created from materials in other formats.

The Division staff continued to work with the Department of Administration, Division of Enterprise Technology (DOA/DET) on the state portal project in order to provide better access to state government information for Wisconsin libraries and citizens. Reference and Loan Library staff helped state government agencies metatag their web pages through consultation and training, development of a thesaurus of terms describing state government services, and incorporation of the thesaurus to create a subject directory for the state portal.

The Division allocated LSTA funds to digitize local history materials for public libraries and state government agencies. Local historical societies have taken part in some public library projects. The projects have been done in cooperation with the University of Wisconsin Digital Collections Center (UWDCC). University of Wisconsin-Madison staff has trained local library staff, provided templates for creating metadata, scanned materials, and incorporated completed projects into the Wisconsin Collection website.

Wisconsin Library Services (WiLS) worked with other agencies to initiate a major statewide planning effort for digitization programs called Wisconsin Heritage Online. The University of Wisconsin developed a gateway for searching Wisconsin digital collections. The Wisconsin Historical Society (WHS) and Milwaukee Public Library host CONTENTdm servers for use by libraries wanting to outsource storage and access of their digital records and objects. The WHS is no longer accepting new library collections. The WHO Board is requesting the Division to consider being the home for WHO in the future.

Division activities for digitization of government information and historical materials for 2009-2011

1. Work with DOA/DET to develop better search page results and advanced searching functions for the state portal.
2. Continue to collaborate with and support the work of the Wisconsin Heritage Online project and consider longer-term options for management.
3. Allocate LSTA funds to digitize and archive other library resources by working with the UWDCC.
4. Allocate LSTA funds to allow public libraries in cities over 100,000 people to digitize library resources.

Electronic services for people with visual and physical disabilities

Progress Summary

The Regional Library for the Blind and Physically Handicapped changed its name to the Wisconsin Talking Book and Braille Library and continues to provide online access to available materials. Access to OverDrive materials was begun in 2006 with assistance from the South Central Library System.

The Talking Book and Braille Library and the Division continue to provide access to the National Federation of the Blind (NFB) NEWSLINE service. This service allows people with visual and physical handicaps to dial in to a server and listen to over 100 newspapers including national and local newspapers being read by an electronic voice. There are over 2,000 registered Wisconsin users of the NFB-NEWSLINE service. The Regional Library provides technical support for NFB-NEWSLINE. NFB-NEWSLINE also provides email access to newspaper articles.

The Talking Book and Braille Library worked with the Library of Congress National Library Service (NLS) to implement the new digital book format for users. The Talking Book and Braille Library operates a new server to allow it to make copies of frequently used materials for users.

The Division hosts the Talking Book and Braille Library website.

Division plans for 2009-2011

1. Add four additional local newspapers to NFB-NEWSLINE including titles from northern Wisconsin.
2. Continue to promote NFB-NEWSLINE and provide technical support to users.
3. Implement the new digital book format that will be provided by the National Library Service in 2009.

Collection development

Goal 2: Libraries have collections that meet the needs of their primary clientele and are also available to other Wisconsin residents through a statewide library network.

Collection Development

Progress summary

The majority of Wisconsin library collections are now a part of WISCAT union or virtual catalogs or OCLC, and most titles individuals are looking for can be identified and borrowed within Wisconsin. BadgerLink provides access to electronic full-text information from magazines, newspapers, books, and videos to supplement local library resources. Wisconsin Library Services (WiLS) provides cooperative consortium licenses for approximately 34 vendors with over 200 products. Libraries that are WiLS members are eligible for discounts for these products. WiLS also works with academic and public library consortia to make e-books available to libraries.

WiLS uses ILLiad (Odyssey) and Ariel software to send information to users, and also uses a locally developed program called e-DOC to provide electronic delivery of documents.

Division plans for 2009-2011

1. Maintain current contracts for BadgerLink and add new resources as feasible.
2. Monitor WiLS cooperative purchasing agreements to determine which products and services libraries use most frequently.
3. Support resource sharing among libraries.

4. Develop databases to fill gaps in Wisconsin-based information (i.e. digitized information, newspapers, cemetery record information).
5. Discuss collection development issues such as fiction vs. nonfiction materials, downloadable audio and video materials, and other issues.

Goal 3: A comprehensive material delivery system supports the sharing of library materials throughout the state.

Statewide delivery services

Progress Summary

The Division appoints a statewide Delivery Services Advisory Committee with representatives from all types of libraries. The committee has worked on analyzing needs, developing pricing scenarios, looking at ways to include more types of libraries, and recommending best practices and policies as needed. The Delivery Service Advisory Committee meets three times per year via webinar or meeting. LSTA funds are used to subsidize the cost of public library participation in the delivery service and for the advisory committee meetings. Advisory Committee members developed and disseminated a best practices document during 2008.

South Central Library System has built a statewide backbone delivery service that connects public library systems, academic libraries and some other libraries. The Northern Waters Library System is connected through a connection point in Wausau. Other libraries, including schools, are involved through the public library system or as individual libraries connected to the backbone.

The Delivery Services Advisory Committee member list, minutes, best practices and other documents have been posted to the Reference and Loan Library web site at <http://dpi.wi.gov/rll/inddel.html>.

South Central Library System completely revamped its delivery service website, making it possible to easily navigate the delivery networks, times, sample volume statistics, and service information. The new web site can be found at <http://www.sclsdelivery/info>.

Division plans for 2009-2011

1. Continue to incorporate all types of libraries into the delivery service with emphasis on correctional institutions, technical colleges, and school libraries.
2. Evaluate methods of electronic delivery of non-book/audiovisual materials to library staff or users.
3. Monitor cost increases for the four northern library systems currently using WALTCO.

Training

Goal 4: Training for library staff and patrons is incorporated at every level of a statewide library network.

Progress summary

The Division provides training on the use of WISCAT and BadgerLink using webinars and regional workshops. Historically, the Division has also collaborated with local libraries and intermediate service units (e.g., CESAs, public library systems) and other agencies (e.g., WiLS) to conduct technology training and technology-related continuing education programming for their constituents.

Since 2004, the Bill & Melinda Gates Foundation has provided training funding through several grants. Most of the grant funding was used by Wisconsin's 17 regional public library systems to offer workshops and other support for technology to their member libraries. In the spring of 2007 division staff conducted 12 training sessions around the state focusing on technology sustainability in small public libraries. Approximately 265 librarians attended one of the sessions. In addition, the Division sponsored hands-on training and printed training materials for BadgerLink and WISCAT. Linda Miller of Techworks developed and conducted six new training programs for public libraries. In 2009, the Division has begun a major training and communications program for BadgerLink which includes new bookmarks and posters and television advertisements.

Division plans for 2009-2011

1. Review the role that the Division has in the area of technology education and training.
2. Allocate LSTA funds for technology-related continuing education activities.
3. Continue professional development of school library professionals, classroom teachers, and school administrators.
4. Develop intensive communication, training and publicity programs for BadgerLink, WISCAT and other Division programs.

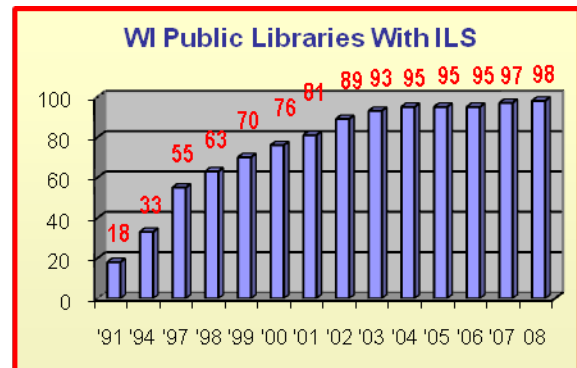
Division Role in Network Implementation

Goal 5: The Division for Libraries, Technology, and Community Learning takes the lead in facilitating implementation of a statewide library network.

Public Library Systems Integrated Library System

Progress summary

As can be seen in the table at the right, the state's public libraries have made significant progress in implementing integrated library systems (ILS) in the past decade. While 98% of the state's public libraries now have integrated systems, these libraries serve over 99% of the state's population. The number of libraries in shared integrated systems continues to grow too. Ninety per cent of libraries are now in shared systems compared to just 53% in 2001. The increase in shared systems is partly due to continued allocations of LSTA grant funds for this purpose. Between 2000 and 2007 the division allocated \$2,161,000 in LSTA funds to help libraries join a shared ILS. (Note that most start-up and ongoing costs are borne by participating libraries and library systems.) A 2006 division study showed that a total of \$6.17 million is spent annually by libraries and systems for costs related to shared ILSs. 2007 was the last year for this grant category, although LSTA funding for 2008 included a grant category for merging existing shared integrated systems.



A 2008 study by the Legislative Audit Bureau (LAB) recommended membership in shared integrated system as a “best practice”. And in the LAB report, libraries cited their participation in a shared ILS as “the most valuable service provided by their regional library system.” (See <http://www.legis.wisconsin.gov/lab/reports/08-LibraryServicesFull.pdf>). There are shared ILSs in all seventeen of the state's regional library systems.

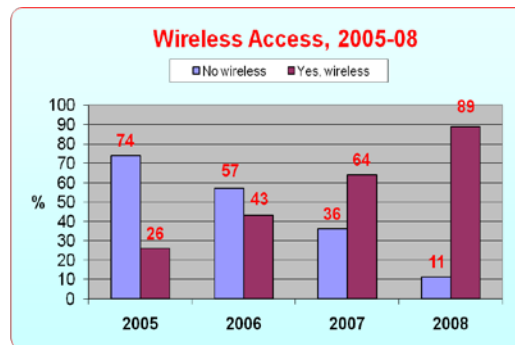
Division plans for 2009-2011

1. Continue to encourage membership in shared ILS.
2. Review the possibility of schools becoming members of shared ILS or starting their own regional shared integrated library systems.

The Internet and Telecommunications

Progress Summary

Since 2002 all 388 of the state's public libraries have had direct, broadband Internet access. To help increase Internet access, there has been a movement—both in Wisconsin and nationwide—for libraries to provide wireless Internet access for patrons with laptops. The availability of wireless access was first asked on an annual division library technology survey in 2005. As can be seen in the chart on the right, in the latest survey 89% of the state's public libraries now provide wireless access. This is a dramatic increase from just 26% that reported such access in 2005. The library division allocated \$66,835 in LSTA funds in 2008 and 2009 to assist libraries in implementing wireless Internet access. Over 70% of the state's public libraries and school districts get their Internet access and other services through WiscNet, the state's not-for-profit ISP. Division staff serve on the WiscNet board.



The Division continues to work with the state's Department of Administration's (DOA) BadgerNet and TEACH programs on issues related to the provision of data lines and the parallel development of library system wide area networks (WANs). Over 95% of the state's public libraries are part of regional library systems WANs. The WANs are used primarily for Internet access and to connect libraries that are part of regional shared integrated library systems. The division has worked with TEACH staff and library systems to ensure that library requests for increased bandwidth are granted, whenever possible. In 2008 over 55% of the state's public libraries received bandwidth increases and every library now has a minimum of a 1.5Mbps circuit.

The federal American Recovery and Reinvestment Act (ARRA, PL 111-6), passed in February 2009, includes \$7.2 billion in grant funds for broadband enhancements. Division staff are working closely with DOA staff on the possibility of apply for a grant to bring fiber to every public library and library branch in the state now using BadgerNet. Through efforts undertaken thus far, it has been determined that about 80% of the state's public libraries do not have fiber connectivity. With the increasingly use of graphics and video on the Web even the smallest library will eventually need fiber. It is estimated that this effort will cost about \$25 million.

The BadgerNet network is one of the largest state networks in the country. Division staff serve on the BadgerNet Advisory Council which oversees network operation and is engaged in planning for the next generation BadgerNet network.

Division plans for telecommunications and Internet for 2009-2011

1. Work with the DOA and the TEACH program to address public library (and school) bandwidth issues.
 - a. Work with TEACH and library systems review the process to increase bandwidth.
2. Work with the DOA and the education and library communities to ensure continued high quality of service on the BadgerNet Network.

3. Work with DOA BadgerNet staff on possibly applying for a federal broadband grant to bring fiber to all public libraries and their branches.
4. Division staff will continue serving on the BCN Advisory Council representing schools and libraries.
5. Continue to advocate for the network needs of PK-12 schools and public libraries.
6. At the national level:
 - a. Respond to FCC's notices regarding changes to the E-rate program and on the development of a national broadband plan.
 - b. Work with ALA on various initiatives to address library bandwidth issues.
 - c. Inform the state's Congressional delegation about the benefit of federal networking and funding programs that benefit school and library networking.
 - d. Serve on ALA's technology committees and offer expertise as needed