Montana State Library Information Technology Program
MSL Commission Report
February 11, 2015

Goal One – Content - MSL acquires and manages relevant quality content that meets the needs of Montana library partners and patrons.

We have expanded the existing Storage Area Network (SAN) storage by 20TB as planned to a total of 60TB of storage capacity. We have been exploring alternative storage options for some of the largest datasets (primarily aerial imagery). We have no plans to expand the SAN this year, but one of our SAN servers will go out of warranty in June 2015. We currently in the process of getting quotes for the cost of existing the warranty on this hardware. At the same time we are exploring the cost of other storage options to ensure that we are pursuing the most cost effective approach.

As part of the project to virtualize the agency database environment and retire outdated datasets, several additional datasets have been moved offline over the last six months and we continue to migrate relevant production data to the new database environment. The migration process was not completed by the end of the calendar year but there are only 2 remaining databases on one of the database servers (AGS02) and more than half of the databases on the other database server have been taken offline or migrated to the new database environment. We are on schedule to complete the migration by the end of the current fiscal year (June 2015).

Goal Two – Access - MSL provides libraries, agencies, and its partners and patrons with convenient, high quality, and cost-effective access to library content and services.

We have completed the migration of MSL web pages from WordPress to DNN. The web oversight team is currently discussing how to approach site-wide design updates as well as updates to the MSL home page.

The Digital Atlas update scoping process competed in the fall of 2014. A project charter for the Digital Atlas update that included the creation of the Digital Atlas update team with member roles and responsibilities was signed last week. We expect to have the updated Digital Atlas in production before the end of June 2015.

To continue to address agency IT security needs, we are in the process of developing an administrative login procedure and the web monitoring and security application, WebDefend, has been implemented on our local web server

Goal Six – Sustainable Success - MSL is efficient and effective (measured against partner and patron outcomes) and is engaged in fulfilling its mission.

Moving towards completion of the virtualization of the agency data center, a virtual server has been built to support the Keystone Automated Library System (KLAS) and we are waiting for clearance from TBL to move it into production.

We are currently in the process of integrating hardware information available from a variety of existing systems to enhance the overall usability of the asset management system that staff are development.   The vision for the asset management tool is a web based tool available to all MSL staff through the library intranet site which will serve as an inventory and tracking tool for hardware, software, applications, web services, and possibly raw data as well as published data products.