

CIO Report to the Legislative Finance Committee

October 9, 2007

A. MITA Compliance and Exceptions to Information Technology (IT) Standards, Policies and Statute (2-17-515, MCA)

1. MITA Compliance

No compliance issues to report.

2. Exception Requests

Between June 1, 2007 and September 30, 2007, ITSD received 8 requests for exceptions to policies and standards. Six of the requests were approved, one denied, and one is on hold waiting for on additional information from the submitter. None of the requests had major cost implications.

B. IT Projects (2-17-526, MCA)

Additional detailed information can be found in the IT Portfolio Report and the on individual Project Summary Reports. The status report format was modified in mid September and most project managers have not completed gathering all the required data for the new format.

1. Completed Projects

No IT projects have finished since the last LFC meeting.

2. Active Projects – Green Assessment

Administration – Enterprise System Service Centers (ESSC)

ESSC will construct redundant centers to house data, network and voice operations. Agencies will be encouraged to centralize/consolidate in the new facilities to improve efficiency and effectiveness of services. ITSD is working with A&E on initial documents to solicit architecture and engineering firms for the design phase. A design firm will be named shortly. ITSD is also researching “best practices” in data center design

Health and Human Services - MMIS (Medicaid Management Information System)

MMIS is the Medicaid payment system that houses information related to enrolled providers and eligible Medicaid, CHIP and MHSP clients. The MMIS system adjudicates Medicaid, CHIP and Mental Health claims as well as information related to different payment systems (i.e. RBRVS, OPPS, fee for service). DPHHS intends to contract with an independent consultant to complete an analysis of the current MMIS and make recommendations for continuing to use the current system, updating the current system, or total replacing the MMIS system. DPHHS is projecting the consultant contract will start in December 2007 with recommendations no later than March 14, 2008. DPHHS received \$200,000 in state general fund dollars and is matching the funds with federal funds for a total budget of \$2 million (09/10 funding).

Health and Human Services – ICD-10 (International Classification of Diseases)

This project is dependent on passage of a federal mandate to implement ICD-10 (International Classification of Diseases) coding requirements. If mandated the MMIS system will need to be enhanced to replace the current ICD-9 coding with ICD-10 codes. At this time, there is no timeframe for this initiative. HB4 provided \$2.7M in federal matching funds to match \$300,000 in state general funds for a total project budget of \$3 million.

Health and Human Services - Food Stamp Eligibility Determination

The project will replace portions of The Economic Assistance Management System (TEAMS), a 1980s mainframe system used to determine eligibility for Food Stamps, TANF (Temporary Assistance for Needy Families) and Medicaid. Currently many of the eligibility functions are performed manually on spreadsheets outside the system, leaving room for errors, inconsistency, and consuming valuable staff time. Currently TANF and Food Stamp eligibility are determined in TEAMS, with both combined in one system, changes necessary for Federal mandates are more difficult and require more time to complete than if the programs were separated. HB4 provided \$13M of which \$6.5M will be federal dollars. The Food Stamps System Planning Advanced Planning Document (PAPD) was sent to Food and Nutrition Service (FNS) and verbally approved. The Implementation Advance Planning Document (IAPD) is being prepared. Completion of the project is anticipated in 2011, although this estimate is not solid until the finally planning is complete. Current work includes the security plan and communications plan.

Health and Human Services - TANF (Temporary Assistance for Needy Families)

TANF is a new system designed to replace portions of The Economic Assistance Management System (TEAMS), a 1980s mainframe system used to determine eligibility for Food Stamps, TANF and Medicaid. TEAMS was later enhanced to include case management functionality for the TANF Program. Currently many of the eligibility and case management functions are performed manually on spreadsheets, leaving room for errors, inconsistency, and consuming valuable time. HB4 provided \$7.6M in general funds to match \$8.6M in federal funds. A 3.5 year development schedule is planned with an anticipated completion in 2011, although this estimate is not solid until the finally planning is complete. Current work includes the security plan and communications plan.

Health and Human Services - CAPS

Child Protective Services (CAPS) is an automated social services system covering all major program areas of child protection, juvenile corrections and probation. The new CAPS will replace a mainframe system that does not meet mandated reporting requirements which are handled manually today. HB4 provided \$27.1M in funding of which \$15.2M is a general fund match. The advance planning process for CAPS will begin late in 2007 with an estimated four year development period. Implementation will be in 2011.

Justice – MERLIN (Temporary Registration, Driver Control, Driver Licensing)

MERLIN is the continuation of the Team 261 project for improving efficiency and services within the Department of Justice, Motor Vehicle Division. The project is made up of three components: Core Accounting, Titling and Registration, Driver Control and Licensing. MERLIN will implement a customized commercial package over two years. Funding is being managed by splitting off non-essential requirements into separate statements of work (SOW) that will only be implemented as funding becomes available. The agreed-to fixed fee mandatory work is now fully funded. Additional funds have been identified for the first set of non-essential requirements and that work is in progress. Contingency funding will be built by finding other sources of funds (e.g., grants) to help offset existing project costs (e.g., hardware purchases).

Passage of HB90 allows for the expansion of scope (enhancements through another Statement of Work) and increased funding stability (e.g., MVD can use for contingencies as needed). The budget also

increased from \$22.5M to \$28.5M with the passage of HB90. The due date has been moved to the end of 2008 due to additional scope and funding increase (HB90). The schedule will be updated due to legislative changes. Merlin has passed its 5th milestone and is designing their ADS.

Justice – Drivers License System

The project will replace the current drivers' license system with an inter-operative system that includes integrated components (hardware, software & card production services) for appointment scheduling, automated driver license knowledge testing, digital driver license and identification card production, imaged-based facial recognition services and a functional method of authenticating supporting documents provided by customers. Goals of this project are to reduce lines at driver services stations from 2 hours to 30 minutes, integration with MERLIN, and compatibility with the Real ID act. Costs for the system will be funded through user fees. The RFP was issued in March 2007. The contract with L-1 Solutions was signed in August.

Montana State Fund – Insurance Intelligence

The Insurance Intelligence program is a multi-phase project that will implement a Workers Compensation insurance solution to replace the current Data Warehouse system. The first phase, program initiation, will (a) document business and technical requirements (b) complete an RFP for selecting vendors, software, and hardware (b) build an off-site proof of concept, (c) develop a project budget/charter/plan for the next phase (project 1). The Project Initiation phase is complete, and Project 1 has begun. The Requirements and Design stages will finish in 30 days. The Construction and Testing stages are beginning and are estimated to last 8 months.

Revenue – Taxpayer Access Point

TAP is phase IV of the IRIS project that will be one of the steps to help provide more accessible electronic filing and Telefile options to taxpayers who need it. TAP will result in more accurate return processing, improve voluntary compliance, improve the quality of services provided to citizens of Montana, and ease the burden of complying with the tax system. FAST Enterprises, LLC will commit to a one year TAP implementation period which will allow taxpayers to start using some functionality as early as the 2008 tax season.

Transportation – Site Manager Construction Manager Implementation

The purpose of the project is to implement the construction management functions within the Trns•port module, Site Manager to various entities inside and outside the department. This will provide MDT with consistent and accurate construction contract administration utilizing national DOT best practices. The team has formed a SiteManager Users of Montana Implementation Team from across the state that meets on a monthly basis to discuss project status and monitor progress and risks. Use case testing has been successfully completed in all 5 districts. The development of MDT functional manuals has far exceeded expectations. Pilot projects are under way.

Transportation – Site Manager Materials Manager Implementation

The purpose of the project is to implement the materials management functions within the Trns•port module, Site Manager to various entities inside and outside the department. This will provide MDT with an accurate materials administration utilizing national DOT best practices. The original schedule was very aggressive to meet the goal of implementing the Material and Construction modules simultaneously. Although the project is behind schedule, the team is addressing the schedule by placing greater effort on late critical path tasks, improved communications and a possible new schedule.

3. Active Projects – Yellow Assessment

Revenue - Real and Personal Property Valuation and Assessment System (PVAS)

The Department of Revenue, Property Assessment Division is replacing five legacy computer systems (MODS, BEVS, CAMA, UAS, and Landisc) with one Real & Personal Property Valuation and Assessment System to be used statewide. Overall project rating is yellow due primarily to late delivery of contractor code. The delay has not impacted the project budget and scope. The current estimate to complete within the approved budget of \$5.75 million.

4. Active Projects - Red (Challenged) Assessment

No projects have been assessed as red.

5. IT Programs

Programs are collections of interrelated smaller projects aimed at a single goal. Programs' budgets, timelines, and scope change through time. The program sponsors often do not exert direct control over the program participants. Classic project management measurements of progress are often inaccurate.

Administration - Interoperability Montana (Public Safety Radio)

This project will create a statewide public safety radio system implemented through a series of regional installations. This project consists of nine consortiums (eight voice radio and one mobile data) led by local emergency response groups with state and federal partnership. All 56 counties and seven Tribal nations are members of a consortium. Representatives from each consortium sit on the Interoperability Montana Project Directors Board. This Board sets priorities for system development and approves individual projects. The project primarily utilizes homeland security funding, with state and local supplements.

The Interoperability Montana Governance Committee (IMGC) June meeting focused on a proposal to formalize governance for the IM Project. The IM project's legal authority will be established in a Memorandum of Understanding between the consortia and state agencies. The Northern Tier consortium and selected Interoperable Montana sites are just starting the implementation of their infrastructure, microwave network, and radio assets. Northern Tier microwave installation and testing is on track with radio trunking to be available to roughly half the sites by the end of this construction season.

Administration - Enhanced 9-1-1 (E9-1-1) Program

The project will implement statewide E911 service, including Phase II wireless capability. Enhanced 911 provides the phone number and location information to the Public Safety Answering Point (PSAP). Phase II wireless provides the phone number, location and GPS coordinates to the PSAP. The project also includes an emergency notification service and a redundant network. Thirty three (33) Public Safety Answering Points (PSAP's) have committed to using the statewide contract for services from Century-Tel. The original goal was 35 participating PSAPs. Twenty one (21) are in production. Twenty PSAPS continue to use Qwest. The timetable for PSAPs to convert is primarily based on their ability to build highly accurate addressing records. Conversion will extend through the first quarter of 2008.

Justice - Broker System

This project will create an interface system (broker) for transmitting data and transactions between applications at Justice, Corrections, and the Courts. The Integrated Justice Information System (IJIS)

Broker is an extendable open standards platform. Multiple individual modules will be implemented to serve the data exchange needs of several agencies and bureaus within agencies.

The project has had several scope changes as a result of detailed requirements gathering. This has affected the overall budget and timeline. The IJIS Broker is now in pilot with the first information exchange partner. A new project schedule is being drafted for the Crime Victims Notification phase and the overall IJIS Broker project.

Transportation – Traffic Safety Records

The Traffic Records Strategic Plan Implementation (TRSPI) project's objective is a measurable reduction of traffic accidents and related fatalities. This will be accomplished by linking individual agencies' disparate systems and databases which house crash-related data. The project funding will come primarily from National Highway Traffic Safety Administration (NHTSA) administered grants over the next four years. The estimated future funding available from NHTSA is approximately \$500,000 annually for four years. The first year of the project (2007) is focused on securing grant funding and identifying sources of necessary data. In future years, as funding becomes available, the program will generate separate smaller IT projects that will aggregate and share crash-related data from individual agencies. In January 2007, MDT signed a contract with MAXIMUS for project management services. The first NHTSA 408 Grant Application and related materials were submitted to NHTSA in June.

C. Policies (5-12-205, MCA)

DOA has implemented the following policies, standards and procedures.

- Interim Approved Product: State Payment Portal
- Interim Approved Product: ePass Montana

The policy development teams are also working on IT planning, IT procurement and project management policies. The Montana Enterprise Information Technology Security Architecture and Interim Enterprise Information Technology Security Policy are currently out for comments by the IT community. The CIO granted an extended review period for is expecting a formal reply from the ITMC Executive Board on October 12.

ITSD has reviewing the ITSD Cellular Device policy and documenting a cellular device procedure.

D. State Strategic IT Plan (2-17-522)

This summer the executive branch agencies completed a review and update of their IT plans to respond to the results of the latest legislative session. ITSD's Policy and Planning Services Bureau is starting the process for updating the plan by soliciting information from the Information Technology Board (ITB), the Statewide Interoperability Executive Council (SIEC), the E9-1-1 Advisory Council, The Montana Land Information Advisory Council (MLIAC), the Electronic Government Advisory Council (eGov), and the Information Technology Managers Council (ITMC). The updated IT strategic plan must be delivered to the Governor by March 1, 2008.

IT Policy and Standard Exception Log

This log of policy and standard exception requests covers the period from June 1, 2007 to September 21, 2007.

ITPR number	type	date	agency	description	product	cost	resolution	resolution
07-06-01	standard	6/4/2007	Agriculture	Agriculture requested a PC based statistical tool for water quality trend analysis that includes nonparametric curve fitting.	Minitab 15 software	\$1,195	approve	Minitab includes a graphical analysis tool (nonparametric curve fitting) that is lacking in the state standard SAS. SAS is also mainframe based.
07-06-17	standard	6/7/2007	FWP	FWP requested a Mac notebook to test newly developed areas of FWP's web site, specifically those areas more likely to be visited by students and teachers, a high proportion that use Macs and the Safari browser.	Mac Notebook	\$1,500	approve	The purchase of a Mac is a minimal cost method of testing Mac user access to FWP's web site. The Mac will not be connected to Summitnet.
07-06-13	standard	6/18/2007	DNRC	DNRC requested Pv based software for creating technical drawing for contractors. There was some overlap with the state standard Corel Draw.	AutoSketch 9	\$129	approve	AutoSketch has more technical and engineering drawings, and has built-in templates. In Corel, these functions would have to be done manually and would require more time.
07-06-15	software	6/20/2007	Agriculture	Agriculture requested to purchase a new backup tape autoloader and backup software.	Yosemite Backup System backup software	\$6,987	denied	The current state standard, Backup Exec on a Windows platform, is adequate because it works with one of Agriculture's existing drives and also with the new DLT drive; and on both of their Windows servers.
07-06-23	standard	6/21/2007	MSF	MSF requested asset management software to track hardware and software inventory. Their preferred solution had some functional overlap with a state software standard.	Dell MSDC (Altiris) Asset Management software	\$55,078	approve	The ZEN state standard did not provide the web interface, asset tag tracking, and barcode scanning required by MSF.
NA	policy	7/7/2007	OCHE - MGSLP	MGLSP requested that all state agencies be allowed access to an external web site to pick up mail MGSLP has encrypted. This would allow unchecked email to enter the state system.	Postx	\$0	on hold	Waiting for MGSLP to document the affected state users and agencies.
7-7-49	standard	7/26/2007	DPHHS	DPHHS requested a web based system to simplify the reporting process for local tobacco prevention specialists which are also under contract with the State and the Montana Tobacco Use Prevention Program (MTUPP).	Catalyst	\$25,000	approve	Although the Catalyst system does not conform to eGov standards, the user base is limited to contractors, not the general public.
7-6-23.1	standard	8/16/2007	MSF	MSF requested asset management software to track server hardware and software inventory. Their preferred solution had some functional overlap with a state software standard.	Dell MSDC (Altiris) Asset Management software	\$3,199	approve	The ZEN state standard did not provide the web interface, asset tag tracking, and barcode scanning required by MSF.

Montana IT Portfolio Report

26-Sep-07

Agency	Project Description	total project expenditures			2007 legislation			project dates			components				overall	
		original estimate	actuals to date	estimated total	budget funding	bill	funding source	start	original end	projected end	Risk	scope	schedule	budget		
DOA/ITSD	Network Expansion	initiation and planning is not complete			\$6.687 M	HB4	LRITP	04/30/07	12/31/09	12/31/09						
DOA/ITSD	ESSC	\$14.5 M	\$0	\$14.5 M	\$14.5 M	HB4	LRBP	05/01/07	03/01/10	03/01/10						
DOA/ITSD	Enhanced E-9-1-1	\$3.3 M	\$3.3 M	\$3.3 M				09/01/04	09/01/07	04/01/08						
DOA/ITSD	Interoperability Montana (Public Safety Radio)	\$150 M	\$3.3 M	\$3.3 M	\$8.5 M	HB4	LRITP	07/01/04	2013	2013						
DPHHS	CAPS (Child Protective Services)	initiation and planning are in progress			\$15.2 M	HB4										
DPHHS	CHIMES (Child Protective Services)	initiation and planning are in progress				HB4										
DPHHS	Food Stamp Eligibility Determination	initiation and planning are in progress			\$6.5 M	HB4		06/15/07	11/17/11	11/17/11						
DPHHS	ICD-10 (International Classification of Diseases)	initiation and planning are in progress			\$3.3 M	HB4										
DPHHS	MMIS (Medicaid Management Information System)	initiation and planning are in progress			\$2.2 M											
DPHHS	TANF (Temporary Assistance to Needy Families)	initiation and planning are incomplete			\$7.6 M	HB4		09/17/07	09/21/11	09/21/11						
DOJ	Drivers License System	\$15.0 M	\$0	\$15.0 M				04/30/07	12/15/09	01/30/10						
DOJ	IJIS Broker	\$2.343 M	\$1.295 M	\$2.343 M				03/01/06	05/10/07	08/01/08						
DOJ	MERLIN (Temporary Registration, Driver Control, Driver Licensing)	\$28.5 M	\$18.5 M	\$28.5 M				01/01/06	12/31/08	12/31/08						
MDT	Site Manager - Construction Manager Implementation	\$5.163 M						04/01/05	06/30/08	01/30/10						
MDT	Site Manager - Material Manager Implementation	\$3.065 M	\$1.107 M	\$2.497 M				05/01/06	06/30/08	10/31/08						
MSF	Business Insurance Intelligence	\$3.6 M	\$1.4 M	\$3.4 M				09/01/06	03/31/10	03/31/10						
DOR	TAP (Taxpayer Access Point)	\$3.0 M	\$0 M	\$3.0 M				10/01/06	06/30/09	06/30/09						
DOR	PVAS (Real and Personal Property Valuation and Assessment System)	\$5.750 M		\$5.750 M				01/01/06	07/12/07	10/22/07						

* The status report format was modified in mid September and most project managers have not completed gathering all the required data for the new format.

Legend

Component Assessment

any individual risk, scope, schedule or budget measure that is within 10% of the original estimate



any individual risk, scope, schedule or budget measure that is within 10-20% of the original estimate



any individual risk, scope, schedule or budget measure that is outside of 20% of the original estimate



Overall Assessment

three or four components assessed as green



two or more components assessed as yellow or red



two or more components assessed as red

