



STATE OF MONTANA  
Department of Administration  
State Information Technology Services Division



**CIO Report**  
**Legislative Finance Committee**  
**2018 Quarter 1**

**Exceptions Granted to State Agencies (2-17-515, MCA)**

1. The Department of Commerce (DOC) was granted an exception to the Online Electronic Payment Processing Policy for the ability to purchase a new module that will process electronic payments in lieu of using the state's electronic payment portal. It was determined that use of the desired software will not violate state security or financial policies.
2. The Department of Justice (DOJ) was granted an exception to the Network Security Policy for allowing state users to access internet addresses classified in the state's web portal system as online chat/instant messenger. It was determined that the chosen solution has minimal risk to state computers from a security perspective. This request will be reviewed and renewed on an annual basis to ensure no new risks are identified.
3. The Department of Administration (DOA) was granted a temporary exception for the State Human Resources Division's (SHRD) cloud products to reside on a public cloud. This request is necessary due budget constraints. SHRD plans to request appropriate budget in the next biennium to move the products to a government cloud. SITSD will work with SHRD to explore affordable alternatives during the current biennium. This temporary exception will expire on June 30, 2019.

**Information Technology Projects (2-17-512, MCA and 2-17-526, MCA)**

1. The Information Technology Project Portfolio Report, Supplemental Reports, and Post Implementation Reports are attached.

**Policy Changes (5-12-205, MCA)**

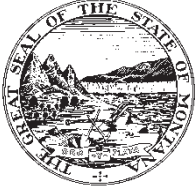
1. Information Technology Procurement Request (ITPR) Procedure (in development)
2. Information Technology Project Management and Reporting Policy (approved)
3. Information Technology Planning and Reporting Policy (approved)

**State Strategic Information Technology Plan (2-17-522, MCA)**

1. SITSD submitted the draft Strategic Plan to the Governor's Office for review
2. SITSD has included the draft Strategic Plan for LFC review

**Information Technology Procurement Requests (ITPR) (December 2017 – February 2018)**

1. Total Number of ITPR's – 167
2. Denied ITPR's – 3
3. Total Costs – \$21,527,927.57
4. Ongoing Maintenance Cost – \$1,958,580.40
5. ITPR's with \$0.00 Cost – 44

	<b>Montana Operations Manual</b>  <b><i>Policy</i></b>	Category	<b>Information Technology, Project Management</b>
		Effective Date	<b>01/08/2015</b>
		Last Revised	<b>01/09/2018</b>
Issuing Authority	<b>Department of Administration</b> <b>State Information Technology Services Division</b>		
<b>POL-Information Technology Project Management and Reporting Policy</b>			

**I. Purpose**

The purpose of this policy is to implement the Information Technology Project Management and Reporting Policy for defining actions to promote project management across state government; to encourage the use of project management best practices; and to help ensure state government projects meet their intended objectives with respect to scope, time, and budget.

**II. Scope**

This policy applies to all state agencies 2-17-505 et seq., MCA. This policy will adhere to the exemptions as defined in 2-17-516, MCA and 2-17-546, MCA.

**III. Roles and Responsibilities**

- A. To reduce risk to the State of Montana and increase project success, agencies:
  - 1. Must follow the standards and guidelines for project management found in the Project Management Body of Knowledge (PMBOK), which is published by the Project Management Institute (PMI).
  - 2. Have the responsibility to ensure projects meet the intended objectives with respect to scope, time, and budget.
  - 3. Are expected to assign qualified project managers to information technology projects.
    - a. A qualified project manager is defined in section (VI)(C) of this policy.
  - 4. Are expected to adequately plan, manage, and monitor the performance of the projects.
  - 5. Must adhere to 2-17-505, MCA when planning and executing information technology projects.
- B. The Department of Administration (DOA) State Information Technology Services Division (SITSD) shall report information technology projects to the Legislative Finance Committee (LFC) on a regular basis (2-17-512, MCA).
  - 1. LFC powers and duties are defined in 5-12-205, MCA.

#### **IV. Requirements**

- A. Information Technology Project Portfolio Reporting Requirements per the [LFC Memo dated March 6, 2012](#).
1. Requirements defined by the LFC will be included in the quarterly information technology project portfolio report prepared by the SITSD for the LFC review.
  2. The Legislative Fiscal Division (LFD) determined that projects which meet the following criteria will be included on the LFC information technology project portfolio report:
    - a. Project estimate is at least \$500,000 for development. Development costs include costs for internal staff, vendor contracts, equipment, and software.
    - b. Project is included in the bill that provides resources for long-range information technology (House Bill 10).
    - c. Project is potentially of enterprise interest or need.
    - d. Request from the LFC to include the project on the report. To address concerns with impact to the citizenry, LFD staff will review information technology strategic plans for smaller projects that pose potential risks to the public. Staff would bring forward those projects with potential risks to the LFC for discussion and potential placement on the information technology project portfolio listing.
  3. A supplemental report to LFC is required for the following scenarios:
    - a. Project is re-baselined.
    - b. Project health indicator is yellow or red.
    - c. Any time an agency would like to provide supplemental information regarding a project.
  4. A post-implementation report to LFC is required six months after a project delivery date.
  5. Projects meeting the LFC reporting criteria will assign a qualified project manager to manage the project and report required data to the LFC.

#### **V. Enforcement**

- A. Establishing and Implementing Statewide IT Policies, Standards, and Procedures govern policy changes or exceptions. Submit an Action Request form to request a review or change to this instrument. Submit an Exception Request form to request an exception. Changes to policies, standards, and procedures will be prioritized and acted on based on impact and need.
- B. 2-17-514, MCA, addresses agency level enforcement information.
- C. Montana Operations Manual (MOM) Discipline Policy addresses individual level enforcement information

## VI. Definitions

- A. Refer to the National Institute of Standards and Technologies (NIST) Glossary of Key Information Security Terms for a list of definitions.
- B. Refer to the PMBOK glossary for industry standard definitions.
- C. A “qualified project manager” is a person who holds one or more PMI credentials and/or has been hired by an agency for the purposes of project management.
- D. Information technology is defined in 2-17-506, MCA.


## VII. References

### A. Legislation

- 1. Section 2-17-205, MCA
- 2. Section [2-17-505, MCA](#)
- 3. Section 2-17-506, MCA
- 4. Section [2-17-512, MCA](#)
- 5. Section [2-17-514, MCA](#)
- 6. Section [2-17-516, MCA](#)
- 7. Section [2-17-546, MCA](#)
- 8. [Montana Information Technology Act \(MITA\)](#), Sections 2-17-504 et seq., MCA

### B. Policies, Directives, Regulations, Rules, Procedures, and Memoranda

- 1. Administrative Rules of Montana (ARM): [ARM 2.12](#)
- 2. NIST: [Glossary of Key Information Security Terms](#)
- 3. Statewide Policy: [Discipline Policy](#)
- 4. Statewide Policy: [POL-Information Security Policy - Appendix B \(Security Roles and Responsibilities\)](#)
- 5. Statewide Procedure: [PRO-Action and Exception Request Procedure](#)
- 6. Statewide Procedure: [PRO-Establishing and Implementing Statewide IT Policies, Standards, and Procedures](#)
- 7. [State of Montana Office of the Governor Executive Order No. 09-2016](#)

	<b>Montana Operations Manual Policy</b>	Category	<b>Information Technology, Planning</b>
		Effective Date	<b>08/16/2011</b>
		Last Revised	<b>01/08/2018</b>
Issuing Authority	<b>Department of Administration State Information Technology Services Division</b>		
<b>POL-Information Technology Planning and Reporting Policy</b>			

**I. Purpose**

The purpose of this policy is to implement the Information Technology Planning and Reporting policy to provide a schedule of planning and reporting requirements regarding the State Strategic Information Technology Plan, Agency Information Technology Plans, Agency Biennial Performance Reports, and the State Biennial Report as required by statute. This policy represents an interconnected series of reports that are required to be delivered to the Governor and the Legislature.

**II. Scope**

This policy applies to all state agencies 2-17-505 et seq., MCA, with the exemptions as defined in 2-17-516, MCA and 2-17-546, MCA. This policy applies to the Legislative and Judicial Branch (2-17-517, MCA).

**III. Roles and Responsibilities**

**A. State Strategic Information Technology Plan**

1. The Department of Administration (DOA) State Information Technology Services Division (SITSD) will:
  - i. prepare a State Strategic Information Technology Plan (2-17-521, MCA).
    - a. The plan shall reflect the content requirements found in 2-17-521, MCA.

**B. Agency Information Technology Plans**

1. State agencies will:
  - i. develop and maintain a plan (2-17-523, MCA).
    - a. Plans must reflect the content requirements found in 2-17-524, MCA.

**C. Agency Information Technology Biennial Performance Reports**

1. State agencies will:
  - i. prepare and submit a report that evaluates progress toward the objectives articulated in its information technology plan (2-17-524, MCA).
    - a. Reports must reflect the content requirements found in 2-17-524, MCA.

**D. State Biennial Report**

1. SITSD will:
  - i. prepare a State Biennial Report on information technology based on agency information technology plans and biennial performance reports and other information considered appropriate by SITSD (2-17-521, MCA).

#### IV. Requirements

##### A. State Strategic Information Technology Plan

1. SITSD will:
  - i. submit the draft plan to the Information Technology Board (ITB) for review and comment in December of each odd-numbered year.
  - ii. submit the draft plan to the governor for review and comment in January of each even-numbered year.
  - iii. submit the final plan to the governor and the legislature by March 1 of each even-numbered year (2-17-522, MCA).
  - iv. provide the final plan the Legislative Finance Committee (LFC) at its next scheduled meeting after March 1 of each even-numbered year (2-17-522, MCA).
  - v. publish the final plan and distributed to all state agencies by April 1 of each even-numbered year (2-17-522, MCA).
  - vi. will publish and distribute updates to the governor, the legislature, and agencies on or before September 1 of each year preceding the convening of a regular session of the Legislature (5-11-210, MCA).
2. ITB will:
  - i. review the draft plan and provide comments in December of each odd-numbered year.
3. State of Montana Governor may:
  - i. review the draft plan and provide comments in January of each even-numbered year.

##### B. Agency Information Technology Plans

1. SITSD will:
  - i. develop plan templates (2-17-524, MCA).
  - ii. distribute templates and instructions to agencies in October of each odd-numbered year (2-17-527, MCA).
2. State agencies will:
  - i. submit completed plans and all applicable documents to SITSD on or before April 30 of each even-numbered year (2-17-527, MCA).
  - ii. submit updates to SITSD when any change to the plan occurs.
    - a. Updates must be submitted in a timely manner and may not be held until the next biennial reporting cycle (2-17-527, MCA).
    - b. All changes are subject to review and approval by the State Chief Information Officer (CIO) (2-17-527, MCA).
3. The State CIO will:

- i. reject, require modification of, or approve plans (2-17-527, MCA).
    - ii. distribute approval letters to agency directors no later than June 30 of each even-numbered year (2-17-527, MCA).
- C. Agency Information Technology Biennial Performance Reports
  - 1. SITSD will:
    - i. develop report templates (2-17-524, MCA).
    - ii. distribute templates and instructions to agencies in October of each odd-numbered year (2-17-527, MCA).
  - 2. State agencies will:
    - i. submit completed reports and all applicable documents to SITSD for review and approval by August 31 of each even-numbered year (2-17-527, MCA).
- D. State Biennial Report
  - 1. SITSD will:
    - i. present the final report to ITB in December of each even-numbered year.
    - ii. distribute the final report to the governor and the legislature on or before December 31 of each year preceding the convening of a regular session of the legislature (5-11-210, MCA).

## V. Enforcement

- A. Establishing and Implementing Statewide IT Policies, Standards, and Procedures govern policy changes or exceptions. Submit an Action Request form to request a review or change to this instrument. Submit an Exception Request form to request an exception. Changes to policies, standards, and procedures will be prioritized and acted on based on impact and need.
- B. 2-17-514, MCA, addresses agency level enforcement information.
- C. Montana Operations Manual (MOM) Discipline Policy addresses individual level enforcement information

## VI. Definitions

Refer to the National Institute of Standards and Technology (NIST) Glossary of Key Information Security Terms for common information systems security-related definitions.

SITSD will adhere to the definitions per 2-15-102, MCA and 2-17-506, MCA.

## VII. References

### A. Legislation

- 1. Section [2-15-102, MCA](#)
- 2. Section [2-17-505, MCA](#)
- 3. Section [2-17-506, MCA](#)
- 4. Section [2-17-512, MCA](#)
- 5. Section [2-17-514, MCA](#)
- 6. Section [2-17-516, MCA](#)
- 7. Section [2-17-521, MCA](#)

8. Section [2-17-522, MCA](#)
9. Section [2-17-523, MCA](#)
10. Section [2-17-524, MCA](#)
11. Section [2-17-527, MCA](#)
12. Section [2-17-546, MCA](#)
13. [Montana Information Technology Act \(MITA\)](#), Sections 2-17-504 et seq., MCA
14. Section [5-11-210, MCA](#)

**B. Policies, Directives, Regulations, Rules, Procedures, and Memoranda**

1. Administrative Rules of Montana (ARM): [ARM 2.12](#)
2. [IT Planning and Reporting Cycle](#)
3. [NIST: Glossary of Key Information Security Terms](#)
4. Statewide Policy: [Discipline Policy](#)
5. Statewide Policy: [POL-Information Security Policy - Appendix B \(Security Roles and Responsibilities\)](#)
6. Statewide Procedure: [PRO-Action and Exception Request Procedure](#)
7. Statewide Procedure: [PRO-Establishing and Implementing Statewide IT Policies, Standards, and Procedures](#)
8. [State of Montana Office of the Governor Executive Order No. 09-2016](#)



## Information Technology Planning and Reporting Cycle

Revised 12/12/2017

Odd-numbered Calendar Year												
Odd-numbered Fiscal Year						Even-numbered Fiscal Year						
January	February	March	April	May	June	July	August	September	October	November	December	
Regular Legislative Session						Interim Legislative Session						
<b>State Strategic Information Technology Plan</b>												
		SITSD drafts the plan.								SITSD submits the draft plan to ITMC for review and comment.	SITSD submits the draft plan to ITB for review and comment.	
<b>Agency Information Technology Plans</b>												
								SITSD submits the draft template to ITMC for review and comment.	SITSD distributes the templates and instructions to agencies.			
<b>Agency Information Technology Biennial Performance Reports</b>												
								SITSD submits the draft template to ITMC for review and comment.	SITSD distributes the templates and instructions to agencies.			
<b>State Biennial Report</b>												
Even-numbered Calendar Year												
Even-numbered Fiscal Year						Odd-numbered Fiscal Year						
January	February	March	April	May	June	July	August	September	October	November	December	
Interim Legislative Session						Regular Legislative Session						
<b>State Strategic Information Technology Plan</b>												
SITSD submits the draft plan to Governor for review and comment.		SITSD submits the final plan to the Governor and Legislature March 1.	SITSD publishes the plan April 1.					SITSD submits updates regarding the plan to the Governor September 1, if applicable.				
		SITSD submits the plan to LFC.										
<b>Agency Information Technology Plans</b>												
			Completed plans due to SITSD no later than April 30.	The State CIO will review the plans.	The State CIO will distribute approval letters to agency directors no later than June 30.							
<b>Agency Information Technology Biennial Performance Reports</b>												
							Completed reports due to SITSD no later than August 31.					
<b>State Biennial Report</b>												
								SITSD drafts the report.		SITSD submits the draft report to ITMC for review and comment.	SITSD presents the report to ITB.	
											SITSD publishes the report on December 31.	



## Memorandum

To: Legislative Finance Committee  
From: Matt Van Syckle, Interim State Chief Information Officer, SITSD *MVW*  
Cc: Kris Wilkinson, Legislative Fiscal Division  
Date: March 6, 2018  
Re: SITSD Rate Changes

Two additional rates were created for Voice Over Internet Protocol (VoIP) phones. The rates are based on a combination of other rates, with no additional costs to the agencies. The new rates are:

- VoIP 9641 Voice Rate \$25.47 per month per phone
- VoIP 9611 Voice Rate \$19.97 per month per phone

To address the special session 6.61% reductions, SITSD discontinued charging agencies for certain services, reduced rates for certain services, and issued one-time credits for other services.

Discontinued rates are for the following services:

- Conference Calls
- Email List Server
- Voice Mail Additional Minutes
- Voice Mail 25

Reduced rates are for the following services:

- Splunk Live Storage
- Splunk Archive Storage
- Splunk Server

One-time credits are for the following services:

- WAN Circuit Pass-Thru for locations that have been closed
- Oracle charges for products no longer used

The special session reduction that is not met by these discontinued rates or reduced rates will be given to the agencies as a credit. The credits will be funded through expense reductions and postponement of expenses.





INFORMATION TECHNOLOGY



2018-2020

STATE OF MONTANA  
STRATEGIC  
PLAN





This document is prepared under the authority of the Montana Information Technology Act (MITA) of 2001. It is published biennially unless special interim plans become necessary ([2-17-512, MCA](#)).

Matt Van Syckle  
Montana State Interim Chief Information Officer  
March 1, 2018



Montana Strategic Plans for Information Technology (IT) are located at: <http://sitsd.mt.gov/Governance/IT-Plans>.

If you have any questions or comments on this plan, please contact:  
SITSD Communications Office  
406.444.2700  
[DOASITSDCommunications@mt.gov](mailto:DOASITSDCommunications@mt.gov)



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## A MESSAGE FROM THE STATE CIO

Technology has changed our daily lives in how we interact with people, business, and government. We live in an online world that allows us to do a multitude of tasks from a phone, tablet, or computer. From buying groceries to making travel reservations to paying our bills, we have the ability to access services regardless of time and location. The ease of which mobile technology, including the devices and apps that run on them, have empowered consumers with choice in an unconstrained world that demands anytime, anywhere, any device accessibility. Government must strive to match these new online expectations by providing ever-greater levels of access to those services and data that citizens need.

The strategies outlined in this plan are designed to create the capability and capacity that support the implementation of government applications that meet these expectations within days and weeks as opposed to months and years. While self-service government will be essential to meet citizen expectations, we must accomplish this in an environment in which cyber threats are ever-increasing in impact and frequency. As we continue to increase the ability to access and use data, we will need to increase our ability to protect data at an equal pace.

It is with these expectations and challenges in mind that the following goals and objectives are a necessary guide for the State of Montana's investments in IT:

- Secure: Enhance information security by implementing best practices to protect systems, assets, and data in a cost-effective manner.
- Shared: Design and operate a shared and managed services environment.
- State-of-the-Art: Deliver state-of-the-art enterprise IT services to state and local government and the university system.
- Capacity: Implement scalable technologies that meet customer demand flexibly and rapidly, with minimal capital expenditures.
- Capability: Deploy capable technologies that provide essential functionality for a diverse and engaged customer base.
- Cost-Effectiveness: Leverage public-private partnerships to decrease the cost of state data center operations.

In summary, IT must allow government to serve citizens in the most secure and effective manner possible. To that end, the strategic goals and objectives set forth in this plan will help ensure that IT provides the maximum opportunity for government to provide secure, efficient, state-of-the-art IT that empowers citizens and those that serve them.

Sincerely,



Matt Van Syckle  
State of Montana Interim Chief Information Officer



# MISSION AND VISION

## MISSION

Our mission is to provide secure, efficient, state-of-the-art IT that empowers citizens and those that serve them.

## VISION

Our vision is to be the enabling force that promotes citizen well-being and communities that thrive.



EDUCATION • JOBS • COMMUNITY • HEALTHCARE



# STATUTORY IT PRINCIPLES

The majority of Montana's IT principles have roots in Montana's Information Technology Act. These govern the decisions and operations of the state's IT community. They provide touch points and guidelines to ensure the correct decisions are being made, decisions that will provide the greatest value to Montana's citizens.

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## BE ACCOUNTABLE

Resources and funding will be allocated to the IT projects that contribute the greatest net value and benefit to Montana stakeholders.

## MINIMIZE DUPLICATION

Unwarranted duplication will be minimized by sharing data, infrastructure, systems, applications, and services.

## SHARE OUR RESOURCES

Montana will use shared platforms and systems to minimize IT expenditures, improve service delivery, and accelerate service implementation.

## IMPROVE BUSINESS

IT will be used to provide educational opportunities, create quality jobs, support a favorable business climate, improve government, protect individual privacy, and protect the privacy of IT information.

## USE RESOURCES WISELY

IT resources will be used in an organized, deliberative, and cost-effective manner.

## DELIVER SERVICES

IT systems will provide delivery channels that allow citizens to determine when, where, and how they interact with state government.










## PROTECT PRIVACY, DATA, AND SYSTEMS

Mitigation of risks is a priority for protecting individual privacy, confidential data, and IT systems.





## ACCOMPLISHMENTS TO BUILD ON

-  Saved the state over \$1.6 million dollars as a result of Governor Bullock's executive order for IT convergence.
-  Increased the data analytics and business intelligence capabilities of the Montana Data Portal, data.mt.gov.
-  Implemented multi-factor authentication to further secure access to the state's mission-critical systems and data.
-  Established a Mobile-First strategy. We develop all applications and websites using responsive design, formatted primarily for mobile devices and secondarily for desktop devices.
-  Implemented data loss prevention technology to add an additional layer of security for sensitive information maintained by the state.
-  Implemented a Voice over Internet Protocol (VoIP) initiative where all phones in the state will be integrated with advanced unified communications abilities.
-  Completed a migration to an enterprise content management system. This new system provides the state the capability to go completely paperless with enterprise scanning and workflow features.
-  Created the Montana Information Security Advisory Council (MT-ISAC) based on an executive order by Governor Bullock, dedicated to community outreach in cybersecurity.
-  Implemented mobile device management to secure the state's mobile workforce in a Bring Your Own Device (BYOD) world.



Our strategic goals guide us as we evolve and provide a clear vision of what we will accomplish. We continually evaluate enterprise IT services through a formula of objectives to ensure that we implement value-added IT.

## GOAL 1 • SECURE

ENHANCE INFORMATION SECURITY BY IMPLEMENTING STANDARDIZED BEST PRACTICES TO PROTECT SYSTEMS, ASSETS, AND DATA IN A COST-EFFECTIVE MANNER.

### Objective 1.1

Develop and implement security standards, common controls, and best practices for information systems.

### Objective 1.2

Enhance the enterprise information security training and awareness program.

### Objective 1.3

Protect information systems across the state by leveraging the public-private partnerships established by MT-ISAC to enhance information sharing, outreach, and risk awareness.

### Objective 1.4

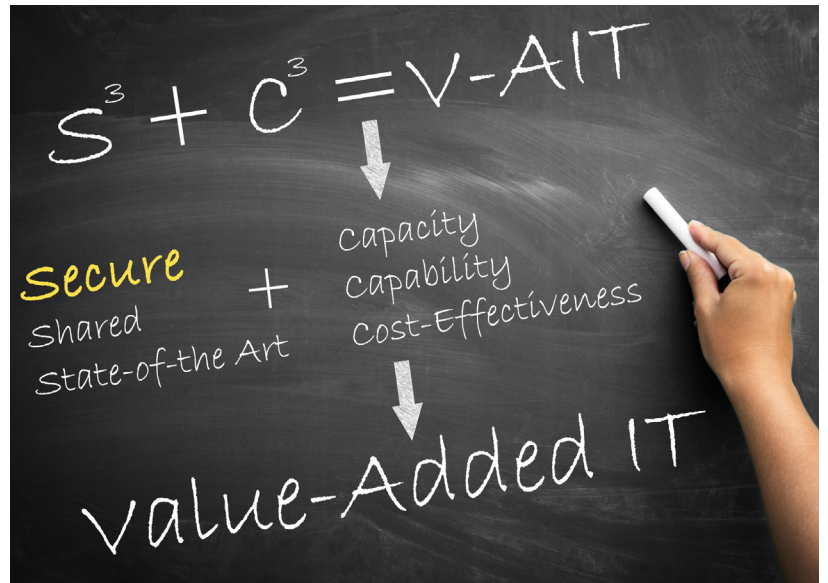
Develop the internal review and compliance program to provide data that proves efficient security controls or identifies security gaps to remediate.

### Objective 1.5

Develop automated processes in continuous monitoring and risk management to identify threats, gain efficiencies, and overcome resource limitations.

### Objective 1.6

Perform a cybersecurity cost analysis for the State of Montana, including investment recommendations.



“Representing local government as a council member for MT-ISAC provides the forum to share and learn with information security professionals who support a variety of businesses. The emphasis on information security supplements the City’s [Kalispell] small IT department. MT-ISAC provides resources in the form of policies and best practices that can be shared across Montana local government.”

-Erika Billiet

Information Technology Director  
City of Kalispell

# STRATEGY

## STRATEGIC GOALS

### GOAL 2 • SHARED

DESIGN AND OPERATE A SHARED AND MANAGED SERVICES ENVIRONMENT.

#### Objective 2.1

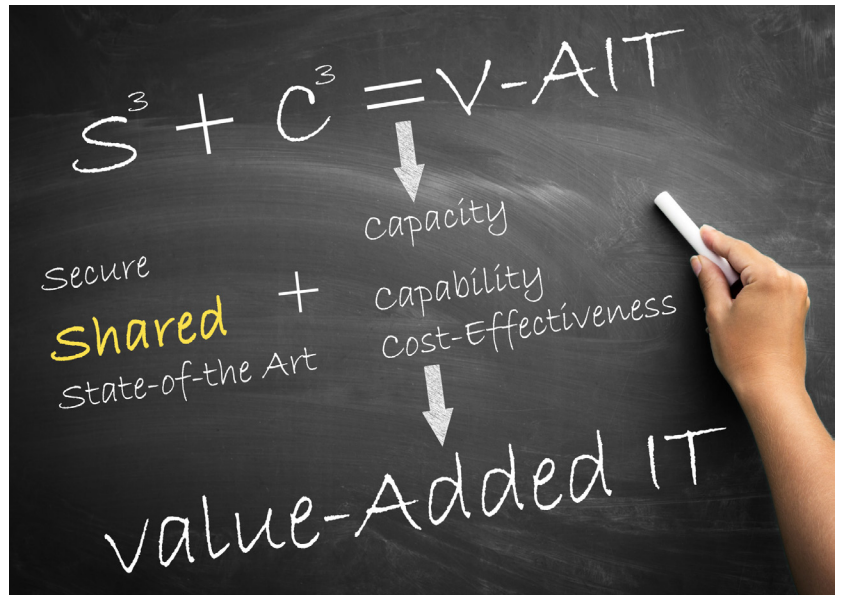
Expand agency abilities to manage users and devices within enterprise shared platforms, including Multi-Factor Authentication and Mobile Device Management (MDM).

#### Objective 2.2

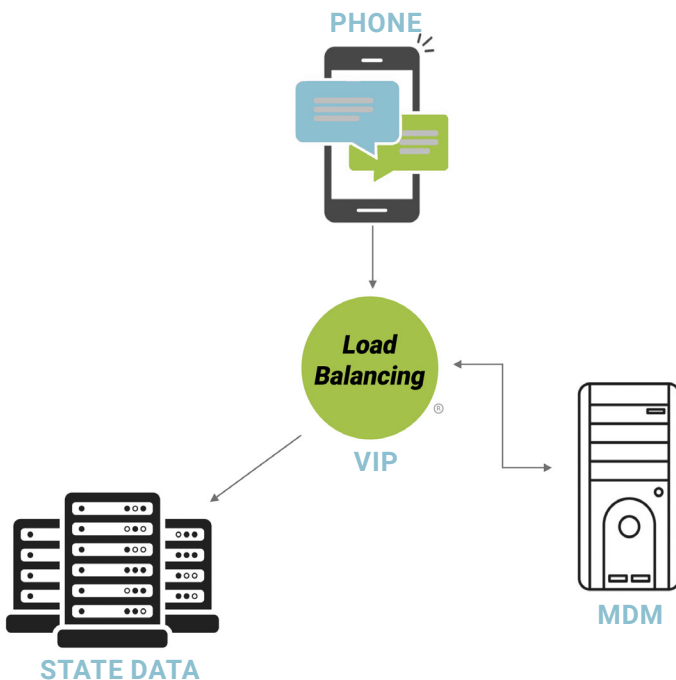
Implement Unified Desktop Workspace (UDW) to decrease environmental impact and improve security.

#### Objective 2.3

Leverage and expand public-private partnerships to decrease the cost of state data center operations.



### MOBILE DEVICE MANAGEMENT (MDM) TRAFFIC FLOW



"The Department of Revenue implemented RSA 2 Factor Authentication to all employees and contractors in the agency in 2014. RSA is an added layer of security for our computer network. Just like accessing an ATM where a user needs two forms of ID ...an ATM "card" and a "pin", DOR employees log in with their network "password" AND a "passcode" generated by a FOB issued to all employees. The implementation and use of this added layer of security in DOR has been a great success.

We also support and encourage the use of personal mobile devices for employees who use these devices to enhance productivity or who are required to use a mobile device in conjunction with their job duties. Using a personal mobile device is cost-effective and, through the use of Mobile Device Management (MDM), effectively secures state data and resources at the same time. Users are responsible for securing their personal mobile device so that others cannot use it inappropriately to access state data. MDM is required on all mobile devices that access state email. The utilization of state provided mobile device management has been successful in DOR."

-Tim Bottenfield  
Chief Information Officer  
Montana Department of Revenue



### GOAL 3 • STATE-OF-THE-ART

DELIVER STATE-OF-THE-ART ENTERPRISE IT SERVICES TO STATE AND LOCAL GOVERNMENT AND THE UNIVERSITY SYSTEM.

#### Objective 3.1

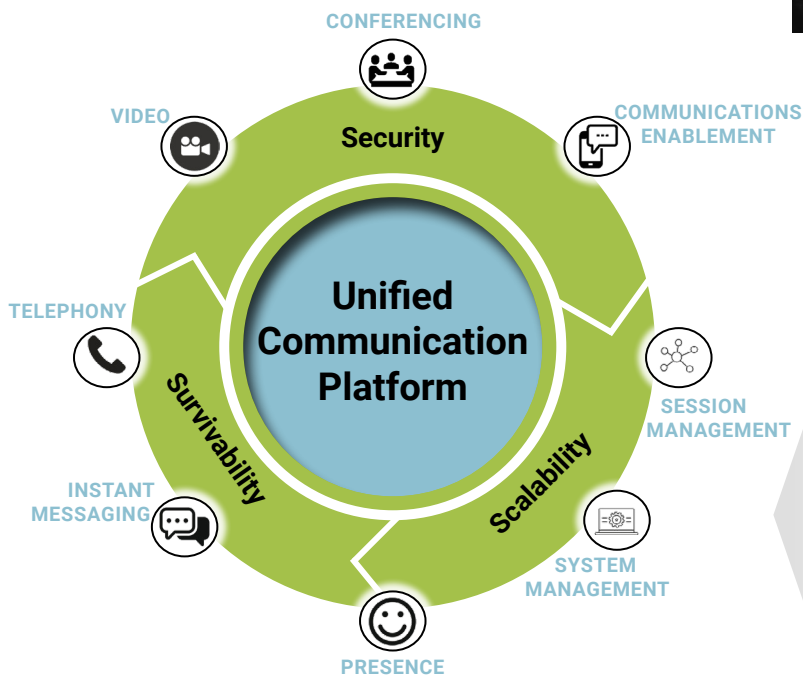
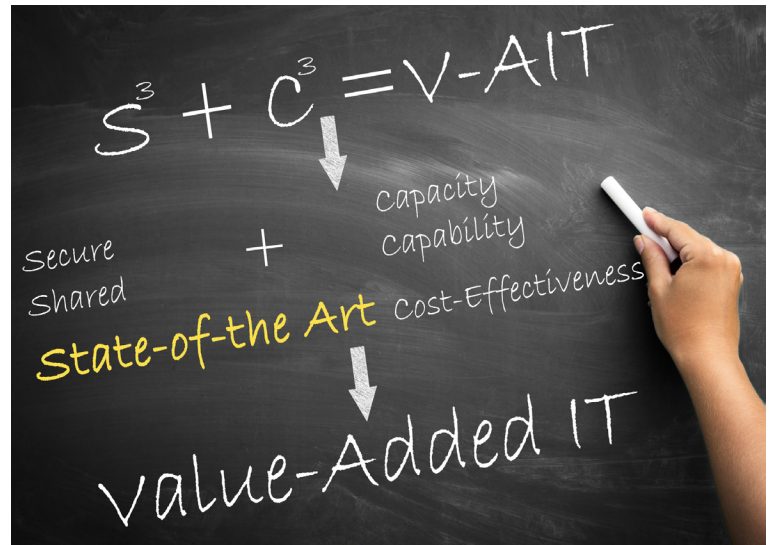
Leverage and deploy technologies that provide a modern experience for citizens and employees that access government data and services.

#### Objective 3.2

Implement Unified Desktop Workspace (UDW) to decrease environmental impact and improve security.

#### Objective 3.3

Implement unified communication technologies to increase flexibility, mobility, and productivity.



### THE UNIFIED COMMUNICATION PLATFORM FOR THE STATE OF MONTANA

- Intuitive system management from a single web administrative interface.
- Single number reach and user experience across Montana state offices, branches, and on the go.
- Dynamic allocation of bandwidth across the enterprise
- Multilayer security from core to end points.
- Complete redundancy and virtualization options.
- Scalable to 350,000 end points.
- Reduced hardware footprint.
- Simplified deployment of multimedia collaboration applications.
- Integration into business applications and processes.



## STRATEGIC GOALS

### GOAL 4 • CAPACITY

IMPLEMENT SCALABLE TECHNOLOGIES THAT MEET CUSTOMER DEMAND FLEXIBLY AND RAPIDLY, WITH MINIMAL CAPITAL EXPENDITURES.

#### Objective 4.1

Enhance our incident response and disaster recovery skills by increasing the use of load balancing, Web Application Firewall (WAF), and our storage platform for redundancy, automatic failover, and failback.

#### Objective 4.2

Create a workplace environment that promotes recruitment and retention.

#### Objective 4.3

Protect the systems the state hosts against the ever-increasing volume and sophistication of threats. Do this with state-of-the-art security tools and continued training of state employees on security measures.

#### Objective 4.4

Use advanced tools that are accessible to the end-user to promote our business intelligence and data analytics.

#### Objective 4.5

Leverage the DevOps concept that emphasizes collaboration and communication to standardize application development, operation tools, and code development.

#### Objective 4.6

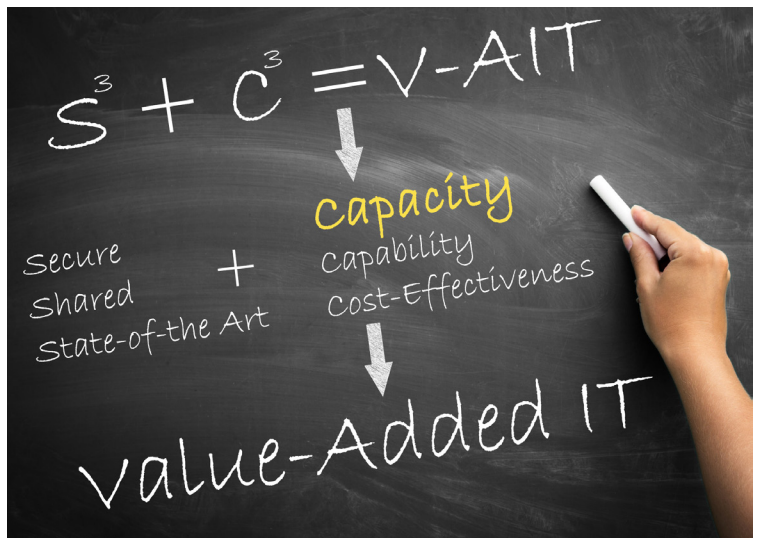
Promote enterprise content management and workflow solutions to reduce the dependency on paper documents and manual processes.

#### Objective 4.7

Design and operate enterprise-class, on-demand storage, and computing.

#### Objective 4.8

Implement scalable network circuit solutions that increase bandwidth while reducing costs, and continue to increase network access and capacity into the state's data centers.



#### Objective 4.9

Provide an enterprise unified communications suite that allows for increased and efficient communications among stakeholders to fulfill business-critical functions.

**“The Montana State Library (MSL) is one of the state’s smallest agencies but, given the digital nature of our collections, we have a very large IT footprint, which includes many 10’s of terabytes of data. We began to virtualize our IT architecture a number of years ago, so we were well prepared to pick up and move our IT environment quickly when the IT Convergence order was signed. The economies of scale gained through the convergence made costs affordable and we hope that additional cost savings will continue to be realized. The IT environment is stable and reliable and is working well to serve the thousands of users who use our collections on a regular basis.”**

**- Jennie Stapp  
Montana State Librarian**



## GOAL 5 • CAPABILITY

DEPLOY CAPABLE TECHNOLOGIES THAT PROVIDE ESSENTIAL FUNCTIONALITY FOR A DIVERSE AND ENGAGED CUSTOMER BASE.

### Objective 5.1

Implement phase one of Data Center Infrastructure Management (DCIM) to improve service provided capabilities and show available capacity for future growth by mapping rack environments to show equipment locations, network and power sources, and temperatures across the data floor.

### Objective 5.2

Facilitate and automate the IT Service Management (ITSM) tool throughout our enterprise operations.

### Objective 5.3

Design and deploy IT-based telephony to promote unified communications that allow users to communicate real-time across multiple platforms.



### Objective 5.4

Continue to advance firewall technology that provides greater network security and flexibility.

### Objective 5.5

Exceed business and capability requirements for enterprise services and implement dashboards that provide real-time views into operations and performances.

### Objective 5.6

Expand digital forensics capabilities to include multiple Open Source (OS) platforms, mobile, and network capabilities.

**“IT convergence has positively affected the IT operations of DPHHS. The ability to quickly restore and recover services in the case of disaster with the type of equipment used by the enterprise platform is a great upgrade for DPHHS.**

**IT convergence gives DPHHS a great capability upgrade.”**

**-Stuart Fuller**

**Chief Information Officer**

**Department of Public Health and Human Services**



**Montana Named the Most Notable State Government Program, Project or Initiative by Government Security News (GSN) Magazine**

SITSD and the State of Montana won the Government Security News (GSN) 2016 Homeland Security award in the “Most Notable State Government Program, Project or Initiative” category.

Judging in this category was based on one or more of the following criteria:

- Development of successful strategy and increase in public safety.
- Providing a notable solution to a recognized problem.
- Reduction in cost and/or major increase in efficiency and effectiveness.
- Decisive, successful action to respond to threat or emergency.



## GOAL 6 • COST-EFFECTIVENESS

LEVERAGE PUBLIC-PRIVATE PARTNERSHIPS TO DECREASE THE COST OF STATE DATA CENTER OPERATIONS.

### Objective 6.1

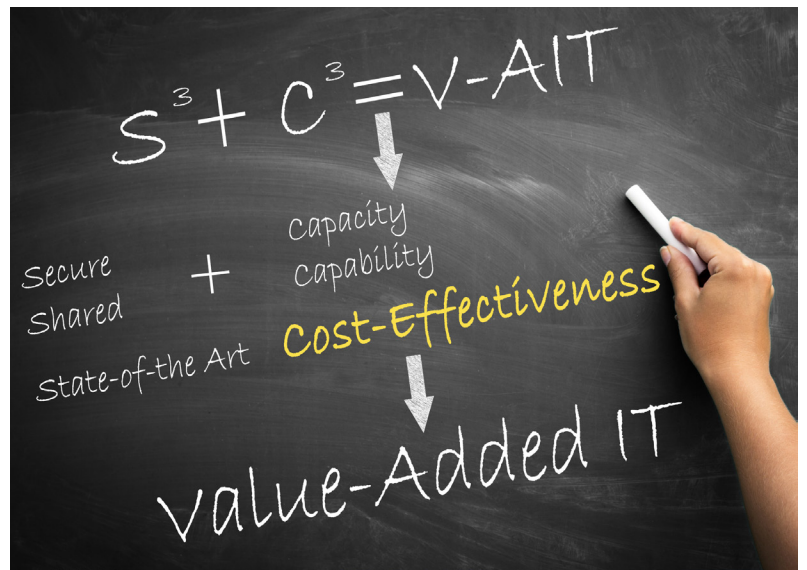
Enhance existing resources and identify new opportunities to provide additional shared services.

### Objective 6.2

Deploy Software as a Service (SaaS) and Platform as a Service (PaaS), and existing systems over customized, ground-up solutions.

### Objective 6.3

Continue to increase the energy, efficiency, and utilization of the state's data centers.



“Since 2012, the State of Oregon, Enterprise Technology Services (ETS) has received data center services from the State of Montana SITSD. This partnership enables Oregon to store a copy of our critical backup data in the Montana State Data Center in Helena. After successful completion of the project to get the backup data replicated, other efforts have ensued to establish the computing, security, storage, and network infrastructure necessary to provide disaster recovery capabilities for Oregon's most critical systems.

This partnership is unique nationally and has been recognized for innovation in Disaster Recovery by NASCIO. There are tremendous operational advantages to having another state be our data center partner, from operating under the same regulatory requirements, to sharing the same federal regional partners, to simply sharing ideas on how we operate our technology infrastructure. It is also much more cost effective for Oregon to partner with Montana as opposed to seeking commercial data center space. The business case estimated cost avoidance is in the neighborhood of ~\$1 million per biennial budget cycle over the previous practice of utilizing private sector vendors.

The working relationship has been nothing short of outstanding. We have complete confidence in the data center services we receive. The people that we interact with on a regular basis exhibit a very high level of professionalism, attention to detail, and attitude of willingness to help.”

-Bryan Nealy

Service Support Manager, Enterprise Technology Services  
Oregon Department of Administrative Services



STATE INFORMATION TECHNOLOGY SERVICES DIVISION  
125 NORTH ROBERTS STREET  
HELENA, MONTANA 59620  
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**Project Portfolio Summary  
Legislative Finance Committee  
2018 Quarter 1**

41 Total Projects

- 5 Yellow Overall Health Status
  - AGR Agriculture Licensing System
  - DOA FileNet to Perceptive Content Migration Project
  - DOJ FullCourt Enterprise Data Exchange (FEDEX)
  - HHS Montana Family Safety Information System (MFSIS) (Child Welfare) Phase 1
  - TRS M-Trust Enhancements
- 1 Red Overall Health Status
  - DLI MontanaWorks Phase 2

AGR Agriculture Licensing System

- Sponsor changed from Kimberly Mangold to Mark Nechodom
- Supplemental Report provided

COR MSP Perimeter Fence Security

- Sponsor changed from Michael Fletcher to Jim Salmonsens

DEQ Coal Information Management System

- Current Phase changed from on-hold to executing
- Supplemental Report provided

DEQ FACTS – Phase 1

- Sponsor changed from Tim Davis to Tom Livers
- Current Total Estimated Costs changed from \$1,185,131 to \$1,199,467
- Supplemental Report provided

DEQ Remediation Information Management System (RIMS)

- Overall Health changed from yellow to green
- Risk Health changed from yellow to green
- Revised delivery date changed from 6/29/2018 to 8/30/2018
- Rebaselined 2/15/2018
- Supplemental Report provided
- IV&V codes the project as yellow

DLI MontanaWorks Phase 2

- New project
- Overall Health is red
- Schedule Health is red
- Supplemental Report provided

DLI STAARS Phase 2

- Post-Implementation Report provided



STATE OF MONTANA  
Department of Administration  
State Information Technology Services Division



DOA Avaya Red VoIP Phase One

- Sponsor changed from Ron Baldwin to Matt Van Syckle

DOA Claims and Lawsuit

- Current Phase changed from executing to closing

DOA Data Protection Initiative

- Current Phase changed from executing to closing
- Sponsor changed from Lynne Pizzini to Andy Hanks

DOA Data Protection Initiative Phase 2

- Sponsor changed from Lynne Pizzini to Andy Hanks
- Post-Implementation Report provided

DOA FileNet to Perceptive Content Migration Project

- Overall Health is yellow
- Schedule Health is yellow
- Risk Health changed from green to yellow
- Current Phase changed from closing to executing
- Sponsor changed from Ron Baldwin to Matt Van Syckle
- Revised delivery date changed from 8/31/2017 to 3/30/2018
- Supplemental Report provided

DOA Network Technology Services Bureau – Network and Equipment Upgrades

- Sponsor changed from Ron Baldwin to Matt Van Syckle
- Post-Implementation Report provided

DOJ FullCourt Enterprise Data Exchange

- Overall Health changed from green to yellow
- Supplemental Report provided

DOJ Montana Criminal History Improvement Project – Computerized Criminal History V2

- Supplemental Report provided

DOJ NCHIP 2016 Computerized Criminal History Version 3

- New project

HHS Enterprise Services Phase 1

- Revised Delivery Date changed from 1/1/2018 to 4/30/2018
- Rebaselined 1/2/2018
- Supplemental Report provided

HHS Enterprise Services Phase 3

- Post-Implementation Report provided

HHS Joint Enterprise Data Sharing Enterprise Database (Phase 1)



STATE OF MONTANA  
Department of Administration  
State Information Technology Services Division



- Post-Implementation Report provided

HHS Montana Family Safety Information System (MFSIS) (Child Welfare) Phase 1

- Overall Health changed from green to yellow
- Budget Health changed from green to yellow
- Project Manager changed from Lisa Campbell to Justyn Katsilas
- Supplemental Report provided

HHS MPATH - Program Level Report

- Current Phase changed from planning to executing
- Project Manager changed from Gene Hermanson to Justyn Katsilas

HHS MPATH Enterprise Data Warehouse Phase 1a

- Project Manager changed from Gene Hermanson to Justyn Katsilas

HHS MPATH Premium Billing

- Current Phase changed from executing to closing
- Project Manager changed from Gene Hermanson to Justyn Katsilas
- Revised delivery date of 1/5/2018 was added

HHS MPATH Systems Integration Services

- Project Manager changed from Gene Hermanson to Justyn Katsilas

HHS Seed 2 Sale

- New project

HHS SSNRI Project

- New project

HHS Update SMHP

- New project

HHS WIC EBT

- Project Manager changed from Becky Giono to Justyn Katsilas

JUD Court Technology Improvement

- Will update the LFC data on the June 2018 report to include employee's cost and budget

JUD FullCourt Enterprise Statewide Case Management Upgrade

- Will update the LFC data on the June 2018 report to include employee's cost and budget

JUD Montana Courts Electronic Filing System

- Current Phase changed from executing to closing
- Original Estimate of Costs changed from \$1,745,660 to \$1,717,367
- Current Estimate of Costs changed from \$2,015,660 to \$1,745,660
- General Fund Budget changed from \$1,828,669 to \$1,535,000



STATE OF MONTANA  
Department of Administration  
State Information Technology Services Division



- Total Budget changed from \$2,315,932 to \$2,022,263
- See agency comments
  - Will update the LFC data on the June 2018 report to include employee's cost and budget

LEG Legislative Session Systems Replacement

- Current phase changed from closing to executing
- Revised Delivery Date changed from 12/31/2017 to 12/31/2018
- Current Total Cost Estimate changed from \$6,384,976 to \$7,361,455
- General Fund Budget changed from \$6,146,000 to \$982,355
- State Special Revenue Budget changed from \$0.00 to \$233,100
- Total Budget changed from \$6,146,000 to \$7,361,455
- Rebaselined 7/26/2016
- Supplemental Report provided

MDT Maintenance Management System (MMS)

- Current phase changed from executing to closing

MDT RSS (Aerial Photography)

- Post-Implementation Report provided

OPI Technology Innovation Implementation Grant

- New project

STF Insurance Policy and System Replacement – Phase One

- New project

TRS M-Trust Enhancements

- Overall Health changed from green to yellow
- Budget Health changed from green to yellow
- Supplemental Report provided

**State Information Technology Services Division  
Project Portfolio Dashboard  
Legislative Finance Committee  
2018 Quarter 1**

**Overall Health**

Determined by the color of highest severity in any of the health indicators (scope, schedule, budget, or risk).

**CPI (Cost Performance Index)**

Green =  $>.95$

Yellow =  $.85 - .94$

Red =  $<.84$

**SPI (Schedule Performance Index)**

Green =  $>.95$

Yellow =  $.85 - .94$

Red =  $<.84$

**Scope Health**

Green = No scope changes have occurred to the original plan, or any scope changes that have occurred do not negatively impact schedule or budget.

Yellow = Scope changes have occurred that have the potential to move schedule or budget into the yellow category.

Red = Scope changes have occurred that have the potential to move schedule or budget into the red category.

**Risk Health**

Green = No risks have been triggered, or any risks that have been triggered are being mitigated and will not negatively impact schedule or budget.

Yellow = Risks have been triggered that have the potential to move schedule or budget into the yellow category.

Red = Risks have been triggered that have the potential to move schedule or budget into the red category.

# 2018 Q1 LFC Report

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER		HEALTH						
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																	Yes	No	Yes	No
AGR	Agricultural Licensing System		Executing	Nechodom, Mark	No	4/29/2012	11/1/2013	6/30/2018	\$1,136,347	\$1,180,763		\$1,180,763			\$1,180,763	\$901,484	Yes	No	Yes	No				
				Gray, Andy																				

## Description

Upgrade existing Licensing and Registration system to allow web based licensing, registrations, inspections and enforcement activities.

## Project Objectives

Augment or replace existing hardcopy and email processes. Provide customers with an alternate method for registering products and renewing licenses. Provide department staff with alternative methods for entering inspection and enforcement data.

## Agency Comment

### Planned Value

\$993,351

### Rebaselined Date

6/26/2017

### Earned Value

\$993,351

CPI

### Cost Variance

\$91,867

1.10

### Schedule Variance

\$0

SPI

1.00

COR	MSP Perimeter Fence Security		Executing	Salmonsens, Jim	Yes	3/8/2016	12/31/2016	6/30/2018	\$550,000	\$624,000	\$550,000			\$74,000	\$624,000	\$186,793	No	No	Yes	No				
				Salmonsens, Jim																				

## Description

Install a Perimeter Security Fence.

## Project Objectives

To have a fully functioning Perimeter Security Fence including Alarm Monitoring Cable installed on the fence, Strobe light on each Fence Zone, Camreas that will focus on the alarmed area and a reporting monitor in our Command Post and and Towers 1 & 4

## Agency Comment

Engineering firm was consulted and a site visit of MSP campus/fence was conducted. Site work is tentatively scheduled for March 1, 2018, or when the weather breaks.

### Planned Value

\$186,793

### Rebaselined Date

8/16/2017

### Earned Value

\$186,793

CPI

### Cost Variance

\$0

1.00

### Schedule Variance

\$0

SPI

1.00

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DEQ	Coal Information Mangement System (CIMS)		Executing	Dorrington, Christopher	No	6/27/2016	6/28/2019	6/28/2019	\$1,750,000	\$1,750,000				\$1,400,000	\$350,000	\$1,750,000	\$734,652	Yes	No	No	No					
				Eichhorn, Ashley																						

**Description**  
 Develop an on-line permit and coal application.

**Project Objectives**  
 The Coal Program along with the Office of Surface Mining Reclamation and Enforcement (OSMRE) will form a partnership to create an end-to-end solution for a Coal ePermitting System. This project is phase 1 of 5. Phase I includes developing ePermit, web-enabling MT client-based coal database and incorporating OSMRE's two legacy database systems.

**Agency Comment**  
 The Coal Electronic ePermitting System changed Project Phases from On-Hold to Executing. The change of status phases was due to:  
 • Had a meeting in Knoxville to address the issues we were having on this project.  
 • Needing to redefine/identify the key resources and associated roles and responsibilities  
 • Mitigating the HIGH Risk Issues that the project is facing (Expanded Scope, User Testing, and Roles and Responsibilities)  
 • Develop a System Security Plan  
 • The outcome of the meeting allowed us to redefine the key resources and associated roles and responsibilities and address the expanded scope. The meeting prioritized the application which led us to mitigate the issue of the expanded scope and testing. The project is still working on the system security plan and have targeted an approval date of 3/31/18. Due to being ahead of schedule the project overall status is still green despite of the project being on hold for a month and half.  
 Please see the Supplemental Report for more detailed information.

Planned Value	\$777,000	Rebaselined Date	
Earned Value	\$945,000	CPI	1.29
Cost Variance	\$210,348	SPI	1.22
Schedule Variance	\$168,000		

DEQ	FACTS - Phase 1		Executing	Livers, Tom	No	6/30/2015	6/30/2018	6/30/2019	\$980,000	\$1,199,467		\$1,157,488		\$350,000	\$1,507,488	\$1,441,749	Yes	No	No	No						
				Sharma, Pranav																						

**Description**  
 Fees, Applications, and Compliance System (FACTS). Develop an on-line system for water protection permit applicatons, payments and reporting requirements for the life of the permits.

**Project Objectives**  
 The Water Protection Bureau (WPB) is replacing its current legacy system(s). The new system will align with State standards; include new and/or refined business functionality required by State and federal law, and meet business requirements identified during WPB's 2013 business process assessment.

**Agency Comment**  
 FACTS Project is in its final stages (95% Complete). We have completed most of our deliverables and putting on finishing touches on outstanding items.

Planned Value	\$1,441,749	Rebaselined Date	7/20/2017
Earned Value	\$1,441,749	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH					
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DEQ	Remediation Information Management System (RIMS)		Executing	Chambers, Jenny	Yes	1/23/2012	6/30/2016	8/30/2018	\$4,270,000	\$5,344,000	\$700,000	\$1,880,000	\$40,000	\$2,724,000	\$5,344,000	\$3,927,313	Yes	No	Yes	Yes				
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Stolp, Staci

**Description**

Replacement of legacy system supporting Waste Management and Remediation Division and Petroleum Tank Compensation Board with updated state standard technology.

**Project Objectives**

Improve the availability and quality of information supporting the Remediation Programs, Underground Storage Tank Program, and Petroleum Compensation Board. This will enable these programs to deliver timely and accurate services, facilitate information sharing with internal and external stakeholders, measure performance and quality, improve program management, and maintain information security.

**Agency Comment**

DEQ has re-baselined the project with respect to staffing resources, schedule, budget and scope. In addition, the department has aligned the project with recommendations from a recent legislative audit report. We have focused on readjusting our staffing/reporting structure; re-training of team members, and enforcement of expectations for team members.

Planned Value

\$3,901,120

Rebaselined Date

2/15/2018

Earned Value

\$3,901,120

CPI

0.99

Cost Variance

(\$26,193)

SPI

1.00

Schedule Variance

\$0



GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH					
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DLI	MontanaWorks Phase 2		Executing	Eychner, Scott	No	8/1/2017	12/31/2018		\$900,480	\$900,480					\$949,473		\$949,473	\$86,060	Yes	No	No	No				
				Crouse, Jeremy																						

**Description**

Phase II of the MontanaWorks project will fully incorporate UI4U into MontanaWorks.gov, extend customer registration (common customer intake) to WIOA partner programs, Unemployment Insurance (UI), Vocational Rehabilitation (VR), and Adult Basic Education (ABE), and add modules for Secure Messaging and Internal Client Service.

**Agency Comment**

Project schedule has been updated due to reassigning of resources in Nov and Dec. Project is still on track for it's orginal delivery dates, but additional resources will be added starting in Feb.

Planned Value	\$144,790	Rebaselined Date	
Earned Value	\$116,343	CPI	1.35
Cost Variance	\$30,283	SPI	0.80
Schedule Variance	(\$28,447)		

**Project Objectives**

1. UI4U rewrite into MontanaWorks
  1. Based on results from UI4U analysis project (currently in progress)
  2. Includes technical design documentation and development
2. Common Intake
  1. Includes business requirements gathering from WIOA core partners, UI, VR, and ABE and IT development
  2. Web service integration with core partners to their system
3. Secure Messaging Module
  1. Includes UI and Workforce secure messaging
  2. Integration with ECM for correspondence display and access for clients
4. Internal Client Service module
  1. Web services using MontanaWorks front end
  2. Includes ability to see high level (common) customer record
  3. Includes flags denoting the programs/partners with which the customer is currently engaged
  4. Ability to "common contact" to help cross-pollenate programs/assist each other and go into each partner's respective system and individual customer/program record
  5. Integration with ECM for correspondence display and access for staff access
  - 6.
  - 7.
  - 8.

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DLI	STAARS Phase 2		Closing	Nordlund, Brenda	Yes	2/25/2014	2/28/2017	6/30/2017	\$3,535,083	\$3,535,083					\$3,535,083	\$2,240,483	No	Yes	No	No				
				Warren, Kimberly																				

**Description**  
Additional work related to the Status, Tax Accounting, Audit, and Reporting System (STAARS), a new UI Tax reporting system.

**Project Objectives**  
To finish implementing, enhancing, and improving the STAARS system.

**Agency Comment**  
Last vendor payment completed. Project is now closed. A Post-Implementaiton Report will be provided Q1 2018.

Planned Value	\$2,240,483	Rebaselined Date	
Earned Value	\$2,240,483	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

DOA	Avaya Red VoIP Phase One		Executing	Van Syckle, Matt	No	3/6/2017	5/31/2019		\$4,507,748	\$4,507,748					\$4,507,748	\$2,541,457	No	No	No	No				
				Thomas, Greg																				

**Description**  
Migrating to a VoIP solution will address the State's critical need for an enterprise telephony system which offers data center fail-over and business continuity in the event of a disaster.

**Project Objectives**  
1 - Deploy Avaya Red VoIP core infrastructure to Helana and Miles City data centers.  
2 - VoIP migration of all Helena Campus locations.  
3 - Capitol Complex PoE network switch upgrades.

**Agency Comment**  
Project remains on schedule with over 2,600 phones successfully deployed as of February 16, 2018. The majority of the primary Helena Capitol Campus has been successfully completed. The project team has begun planning for deployments in all other areas of Helena which comprises approximately 50 buildings.

Planned Value	\$2,541,457	Rebaselined Date	
Earned Value	\$2,541,457	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DOA	Claims and Lawsuit		Closing	Dahl, Brett	No	11/1/2013	6/30/2017	1/31/2018	\$947,900	\$1,137,900					\$1,137,900	\$1,137,900	\$1,085,932	No	No	Yes	No				
				Fox, Barry																					

**Description**  
 Claims and Lawsuit Application for RMTD.

**Agency Comment**

**Project Objectives**  
 Migrate from Oracle Forms to sustainable technology; streamline Claims workflow; clean up legacy data; Enhance database structures.

Planned Value	\$1,137,900	Rebaselined Date	7/12/2017
Earned Value	\$1,137,900	CPI	1.05
Cost Variance	\$51,968	SPI	1.00
Schedule Variance	\$0		

DOA	Data Protection Initiative		Closing	Hanks, Andy	Yes	10/15/2013	6/30/2015	12/31/2017	\$2,000,000	\$2,216,235	\$2,000,000				\$244,540	\$2,244,540	\$2,206,635	No	No	Yes	No				
				Frohlich, Joe																					

**Description**  
 Implementation of a statewide data protection system through user access control and verification. This initiative includes multi-factor authentication, comprehensive security controls for multiple identity stores, robust auditing capabilities, and the ability to integrate various agency systems together to manage and exchange data. This project will involve a statewide risk assessment and penetration test that will highlight vulnerabilities and generate requirements for improving security. This information will be used for an additional funding request to the 2015 Legislative Session.

**Agency Comment**

All agencies have multi-factor authentication implemented and this project is complete.

**Project Objectives**  
 The following will be deliverables for this project: 1) Establish the "Gold source" for employee data. 2) Implementation of Access Control and Verification system. 3) Integration of access Control and verification system with various other identity stores. 4) Implementation of self-service password reset system. 5) Implementation of multi-factor authentication. 6) Enterprise Security Risk Assessment Report.

Planned Value	\$2,206,635	Rebaselined Date	6/5/2015
Earned Value	\$2,206,635	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DOA	Data Protection Initiative Phase 2		Closing	Hanks, Andy	Yes	7/1/2015	6/30/2017	6/30/2017	\$800,000	\$749,999	\$749,999				\$749,999	\$754,929	No	Yes	No	Yes				
				Frohlich, Joe																				

**Description**  
 The goal of this project is to enhance information security statewide to better protect state government information systems which include citizen and other confidential data.

**Project Objectives**  
 Establishment of the Montana Information Security Advisory Council. Development of the Enterprise Security Program. Implement a statewide information security training and awareness program. Implementation of the web firewall product for all state web applications.

**Agency Comment**  
 This project has been delivered. A Post-Implementation Report will be provided in Q1 of 2018.

Planned Value	\$749,999	Rebaselined Date	
Earned Value	\$754,929	CPI	1.00
Cost Variance	\$0	SPI	1.01
Schedule Variance	\$4,930		

DOA	FileNet to Perceptive Content Migration Project		Executing	Van Syckle, Matt	Yes	6/25/2015	9/30/2016	3/30/2018	\$2,592,498	\$2,592,498					\$2,592,498	\$2,592,498	\$2,400,000	Yes	No	No	No				
				Hinman, Audrey																					

**Description**  
 Establish infrastructure for a multi-tenant Enterprise Content Management solution to include production, test and development environments.

**Project Objectives**  
 Implement multi-tenant Enterprise Content Management solution. Migrate DLI MWorks to enterprise service. Migrate all current IBM FileNet customers to Perceptive Content. Support and train current FileNet customers.

**Agency Comment**

Planned Value	\$2,592,498	Rebaselined Date	
Earned Value	\$2,400,000	CPI	1.00
Cost Variance	\$0	SPI	0.93
Schedule Variance	(\$192,498)		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DOA	Network Technology Services Bureau - Network and Equipment upgrades		Closing	Van Syckle, Matt	Yes	10/15/2015	6/30/2017	6/30/2017	\$4,821,000	\$4,740,645					\$4,740,645	\$4,740,645	\$4,740,645	No	Yes	No	No				
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Troupe, Jody

**Description**  
Enhance the SummitNet network.

**Project Objectives**  
Enhance the SummitNet network with CORE, aggregation, monitoring and security equipment upgrades to support higher bandwidth application needs. Upgrade voice, data, video and software equipment that is End of Life. Upgrades will support additional security, bandwidth, and new applications/ services implemented by State Agencies.

**Agency Comment**  
Upgraded core/aggregation network to 10Gb, and Internet portals to 2Gb (Helena) and 1Gb (Billings) in Spring 2016. NTSB finished installing all End of Life/End of Support identified for replacement for FY16/17. This project is complete. The reduction in total budget funding was due to allocating a portion of HB 10 funds to other agencies. A Post-Implementation Report is provided.

Planned Value	\$4,821,000	Rebaselined Date	
Earned Value	\$4,740,645	CPI	1.00
Cost Variance	\$0	SPI	0.98
Schedule Variance	(\$80,355)		

DOJ	FullCourt Enterprise Data Exchange (FEDEX)		Planning	Huseby, Butch	Yes	8/1/2015	12/31/2018	12/31/2018	\$340,000	\$340,000		\$340,000			\$340,000	\$15,774	Yes	No	Yes	No				
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Pierson, Greg

**Description**  
The primary purpose of FEDEX is to maintain a complete and accurate criminal history record in conjunction with the deployment of the FullCourt Enterprise system by the Office of Court Administrator. The two systems share information regarding court actions with state and local law enforcement and maintain the accuracy, timeliness and completeness of criminal history records.

**Project Objectives**  
Replace two existing batch court data exchanges with realtime web services to file dispositions with the Computerized Criminal History System. Construct new exchanges for protection orders, arrest/bench warrants, and no contact orders. As courts transition to FullCourt Enterprise include data exchanges at go-live.

**Agency Comment**  
Please see latest supplemental report.

Planned Value	\$16,000	Rebaselined Date	5/10/2017
Earned Value	\$16,000	CPI	1.01
Cost Variance	\$226	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DOJ	Montana Criminal History Improvement Project - Computerized Criminal History v2		Executing	Huseby, Butch	No	10/1/2015	3/31/2017	3/31/2018	\$1,729,455	\$1,729,508					\$1,556,469	\$178,511	\$1,729,455	\$1,326,958	Yes	No	Yes	Yes			
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Pierson, Greg

**Description**  
 Improve Montana's criminal records systems and related systems to improve the functioning of the State's criminal justice system.

**Agency Comment**  
 See supplemental report.

Planned Value	\$1,326,958	Rebaselined Date	10/6/2017
Earned Value	\$1,326,958	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

**Project Objectives**  
 Enable charge level functionality for successful electronic data exchanges between OCA & DOJ. Update data exchanges to NIEM 3.0 conformance. Enable staging of orphan dispositional information and messaging to local arrest agencies to submit biometrics and charge information. Pave the way for future data exchanges with OCA, DOC, DOJ, & other agencies.

DOJ	Montana Enhanced Registration & Licensing Info. Network (MERLIN) Driver Modernization		Executing	Garcia, Sarah	No	3/31/2012	6/30/2016	12/31/2019	\$14,186,963	\$14,186,963	\$1,079,104	\$1,946,096	\$0	\$5,657,890	\$8,683,090	\$10,442,238	No	No	No	No				
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Cochrane, Mike

**Description**  
 Integrate 3M Corp, Driver Record and Issuance Verification Solution (DRIVS) functionality into the existing MERLIN Motor Vehicle Registration, Dealer Licensing and Registration, and Accounting system.

**Agency Comment**

Planned Value	\$10,466,097	Rebaselined Date	
Earned Value	\$10,481,214	CPI	1.00
Cost Variance	\$38,976	SPI	1.00
Schedule Variance	\$15,117		

**Project Objectives**  
 Unify vehicle & driver customer accounting. Integrated driver licensing & records management. Incorporate driver, vehicle registration, dealer licensing, and accounting transactions. Move driver information from DOA mainframe to MERLIN database.

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

DOJ	NCHIP 2016 Computerized Criminal History Version 3		Executing	Huseby, Butch	No	1/1/2018	3/31/2020		\$2,995,662	\$2,995,662		\$750,000	\$2,021,096	\$224,566	\$2,995,662	\$38,000	No	No	No	No				
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Pierson, Greg

**Description**  
Continue work on the MT DOJ DCI computerized criminal history (CCH) system. The 2015 NCHIP CCHv2 project, which is also reported on for the LFC, is scoped to modernize the original CCH system.

**Agency Comment**  
This project is still in the very early stages. The State Special Revenue estimate of \$750,000 may need to be refined. Project Manager waiting on specific information to ensure accuracy of this figure.

**Project Objectives**  
This project is a follow-up to: add enhancements to the CCH; create an online web portal to expand Montana criminal justice partners' access to criminal record information; build a new Sexual and Violent Offender Registry (SVOR); build a validations system that will assist in completion of criminal records; and perform a comprehensive fingerprint analysis to look for efficiencies and savings.

Planned Value	\$38,000	Rebaselined Date	
Earned Value	\$38,000	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

FWP	WIS/PR		Executing	Kujala, Quentin	No	7/1/2015	6/30/2017	6/30/2018	\$1,300,000	\$1,300,000			\$1,300,000		\$1,300,000	\$1,204,065	No	No	Yes	No				
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Ciarmoli Wilson, Tina

**Description**  
The Wildlife Division has identified enhancements and new development needs for its biological-focused applications that will improve the ability to collect, analyze, and manage species data. Work accomplished through this project will help ensure the continued viability of Wildlife's important data management systems.

**Agency Comment**  
The project schedule coincides with the grant period. The PR grant allows FWP to match based on our ability to provide internal resources. The project schedule and delivery are tied to that level of effort and have been projected through the end of the grant period.

**Project Objectives**  
The objective of this effort is to improve the overall efficiency, data integrity, and functionality of WIS to support the ongoing management of diverse species.  
Goal #1: Finish development of production applications.  
Goal #2: Develop additional applications to further Wildlife's ability to manage diverse species.

Planned Value	\$1,204,065	Rebaselined Date	7/1/2017
Earned Value	\$1,204,065	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER		HEALTH					
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

HHS	Enterprise Services Phase 1		Executing	Fuller, Stuart	Yes	2/9/2015	12/31/2015	4/30/2018	\$2,355,750	\$2,678,556	\$275,010	\$0	\$2,403,544	\$0	\$2,678,555	\$2,396,643	Yes	No	Yes	No				
				Katsilas, Justyn																				

**Description**  
 Enhance the Enterprise Architecture to implement additional business intelligence and data analytics for processing timeliness, backlogs, task throughput, error rates, and work participation. Pursue several security initiatives to protect client data in the database and on file servers, implement SIEM, and require multi-factor authentication.

**Project Objectives**  
 To enhance security of data in CHIMES and the EDX, as well as support the reporting and analytics needs of CHIMES data.

**Agency Comment**  
 Only task left is the TAM Upgrade to support the effort to put CHIMES behind MFA. TAM upgrade was originally planned to be completed by 12/31/2017, however is delayed due to system changes and IT convergence, specific to the transition to the State Active Directory. Please see the supplemental report for the re-baseline of this effort.

Due to priority and effort of Budget Reductions on fiscal staff, this report reflects expenditures through 12/31/2017, and project progress up through 01/31/2018.

Planned Value	Rebaselined Date
\$2,625,339	1/2/2018
Earned Value	CPI
\$2,624,985	1.10
Cost Variance	SPI
\$228,342	1.00
Schedule Variance	
(\$355)	

HHS	Enterprise Services Phase 3		Closing	Fuller, Stuart	Yes	7/1/2016	5/31/2017	7/31/2017	\$3,362,547	\$2,444,977	\$240,072		\$2,201,451		\$2,441,523	\$2,426,514	No	Yes	Yes	No				
				Katsilas, Justyn																				

**Description**  
 The purpose of this project is to support additional CMS Security Initiatives for EDX and CHIMES, and implement core messaging services that support troubleshooting and statistical transaction analysis on the EDX.

**Project Objectives**  
 To enhance data analytics, support state/federal requirements, increase user effectiveness in CHIMES, and transition to an ECM.

**Agency Comment**  
 This effort has been successfully completed and all deliverable accepted. Please see post implementation report.

Planned Value	Rebaselined Date
\$2,444,977	6/30/2017
Earned Value	CPI
\$2,444,977	1.01
Cost Variance	SPI
\$18,463	1.00
Schedule Variance	
\$0	



GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

HHS	Joint Enterprise Data Sharing Enterprise Database (Phase I)		Closing	Fuller, Stuart	Yes	4/1/2016	2/28/2017	6/30/2017	\$803,507	\$803,507	\$79,006	\$0	\$724,500	\$0	\$803,506	\$794,160	No	Yes	Yes	No				
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Katsilas, Justyn

**Description**

Implement and automate both data and HELP Act report generation through the EDX to increase accuracy, reduce manual effort and amount of time to generate reports. Transition data from E&E system to web services, transform data from DLI, and provide data, reports, and an end-user interface to the Department's Business Intelligence Platform.

**Agency Comment**

This effort has been successfully completed and all deliverable accepted. A Post-Implementation Report will be provided Q1 2018.

Planned Value	\$803,507	Rebaselined Date	4/1/2017
Earned Value	\$803,507	CPI	1.01
Cost Variance	\$9,347	SPI	1.00
Schedule Variance	\$0		

**Project Objectives**

To enhance BI and Data Analytics capabilities and support state/federal regulation changes.

HHS	Montana Family Safety Information System (MFSIS) (Child Welfare) Phase 1		Executing	Smith, Laura	Yes	2/15/2016	10/31/2016	10/31/2018	\$1,533,819	\$3,627,961	\$1,813,981	\$0	\$1,813,981		\$3,627,962	\$2,725,810	Yes	No	Yes	No				
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Katsilas, Justyn

**Description**

The purpose of the MFSIS (Montana Family Safety information System) project is to replace, in a componentized approach, the case management, intake, and investigations business functions from the CAPS mainframe system. These major business functions will have the biggest impact to users, and provide the greatest opportunity to streamline and automate tasks for the CFSD staff.

**Agency Comment**

We are successfully exchanging report referral records with Northrop Grumman. The Intake Process is very near code complete. The focus remains on finishing this up as well as identifying specific requirements for Field Report and related documents.

The User Interface is currently being restructured to ensure a positive experience by the user.

Joint Application Design (JAD) sessions for investigation continue to be scheduled and requirements gathered. This will ensure that all related requirements will be met.

Planned Value	\$2,509,126	Rebaselined Date	7/7/2017
Earned Value	\$2,394,454	CPI	0.88
Cost Variance	(\$331,356)	SPI	0.95
Schedule Variance	(\$114,671)		

**Project Objectives**

In response to the limitations of CAPS and to comply with recommendations from an October 2015 Legislative Audit Report, CFSD determined the need to implement a new CCWIS compliant system to replace CAPS. The new system will be modular and will operate concurrently with CAPS until all functionality has been completed and CAPS has been retired.

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH					
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

HHS	MPATH - Program Level Report		Executing	Matthews, Marie	Yes	1/2/2017	9/30/2022		\$73,255,288	\$73,255,288	\$7,716,969				\$65,538,319		\$73,255,288	\$1,657,253	No	No	No	Yes			
				Katsilas, Justyn																					

**Description**

The Department of Public Health and Human Services (DPHHS) has initiated the Montana Program for Automating and Transforming Healthcare (MPATH) to procure software and services to replace the State's aging legacy Medicaid Management Information System (MMIS). DPHHS will acquire discrete modules that align with the Final Rule for Mechanized Claims Processing and Information Retrieval Systems as described in 42 CFR 433.111, and successfully meet the goals and business needs identified by DPHHS during the modularity planning process.

**Agency Comment**

The MPATH modularity blueprint includes the following modules: Systems Integration Services, Provider Services, Enterprise Data Warehouse Services, Data Analytics Services, Financial Support Services, Claims Processing and Management Services, Care Management Services, Customer Care Services, and Pharmacy Support Services.

DPHHS will be developing and releasing RFP's related to these modules over the next two years.

Planned Value	Rebaselined Date
Earned Value	CPI
Cost Variance	SPI
Schedule Variance	

**Project Objectives**

The MPATH modularity blueprint includes the following modules: Systems Integration Services, Provider Services, Enterprise Data Warehouse Services, Data Analytics Services, Financial Support Services, Claims Processing and Management Services, Care Management Services, Customer Care Services, and Pharmacy Support Services. DPHHS will be developing and releasing RFP's related to these modules over the next two years.

HHS	MPATH Enterprise Data Warehouse, Phase 1a		Executing	Matthews, Marie	Yes	9/15/2017	6/29/2018		\$275,000	\$275,000	\$0	\$0	\$0		\$0	\$8,203	No	No	No	Yes			
				Katsilas, Justyn																			

**Description**

The Enterprise Data Warehouse (EDW) is part of the Montana Program for Automating and Transforming Healthcare (MPATH). MPATH is a comprehensive initiative to replace the legacy systems and services with modern tools and techniques. MPATH includes the Enterprise Data Warehouse module includes the initiating phase 1a. Phase 1a will establish an SITSD Instance of the Legacy Decision Support System Database, setup the data load process, create Tableau Reports to replace the legacy QueryPath reports, and create a web based dashboard for the distribution of reports to Phase 1a users.

**Agency Comment**

CMS approved the Montana Healthcare Programs Modularity Implementation Advanced Planning Document (IAPD) November 7, 2016. CMS approved the Enterprise Data Warehouse engagement agreement on August 3, 2017.

The project kicked off on September 15, 2017 and is on schedule to be fully implemented by June 29, 2017. All project tasks are on schedule and there are currently no identified risks or issues that would affect the implementation date.

Due to priority and effort of Budget Reductions on fiscal staff, this report reflects expenditures through 12/31/2017, and project progress up through 01/31/2018.

Planned Value	Rebaselined Date
Earned Value	CPI
Cost Variance	SPI
Schedule Variance	

**Project Objectives**

The purpose of the Enterprise Data Warehouse Phase 1 is to provide an improved reporting environment with expanded access to data elements, and modern reporting tools. Additionally, having the data on State servers will facilitate the migration from the existing data structures to the new Enterprise Data Warehouse for Phase 1b.

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				
HHS	MPATH Premium Billing		Closing	Matthews, Marie	Yes	10/16/2017	1/29/2018	1/5/2018	\$310,750	\$310,750	\$0	\$0	\$0		\$0	\$118,766	No	No	No	Yes				
				Katsilas, Justyn																				

**Description**

Montana Program for Automating and Transforming Healthcare (MPATH) includes the Financial Support Services module that contains the functionality of Premium Billing and Collections. The Premium Billing and Collections component will facilitate the billing and collection of premiums for the Montana Health and Economic Livelihood Partnership (HELP) participants within the Medicaid program.

**Agency Comment**

CMS approved the Montana Healthcare Programs Modularity Implementation Advanced Planning Document (IAPD) November 7, 2016. CMS approved the Premium Billing and Collections Pilot on September 29, 2017. The project kicked off on October 1, 2017 and the system was fully operational as of January 4, 2018.

**Project Objectives**

Montana Senate Bill 261 was passed by the legislature and signed by the Governor on May 22, 2017. This bill enacted various triggers which have specific mitigation strategies to reduce spending if revenue falls short of expected amounts. If revenue for fiscal year 2018 is equal to or below 2,204 million on August 15, 2017, certain triggers must be enacted. SB261, Section 14 – level 2 budget reduction states that DPHHS "must terminate any existing contract with an insurance company or third-party administrator related to the Montana Health and Economic Livelihood Partnership (HELP) Act." On July 25, 2017, the Governor's Budget director confirmed that the revenue shortfall was sufficient to invoke all the triggers in SB261. Therefore, DPHHS must eliminate the use of a third-party administrator (TPA) and the services the TPA offers will be brought in house by DPHHS. This change requires DPHHS to administer HELP Act member premium billing and collections processing. This project establishes a system and process for issuing premium invoices to HELP participants and collecting the premiums via check or a variety of online payment alternatives.

Planned Value	\$310,750	Rebaselined Date	
Earned Value	\$310,750	CPI	2.62
Cost Variance	\$191,984	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				
HHS	MPATH Systems Integration Services		Planning	Matthews, Marie	Yes	10/8/2018	9/30/2022		\$0	\$0	\$0	\$0	\$0		\$0	\$1	No	No	No	Yes				
				Katsilas, Justyn																				

**Description**

Montana Program for Automating and Transforming Healthcare (MPATH) includes the Systems Integration Services (SI) module. The SI Services module encompasses integration and interoperability services, data management between modules, shared database services and web service transactions.

**Project Objectives**

The state will obtain Systems Integration Services. Systems Integration Services will encompass three areas of the modularity technology platform; interoperability and enterprise integration, technical coordination, and the creation and maintenance of the operational data store. The Systems Integration Services Contractor will provide an enterprise technology platform and a diverse and flexible set of integration and interoperability services which are needed to support a variety of infrastructures, applications and technical solutions. The Systems Integration Services Contractor will also provide real-time web based entry and maintenance of member and benefit plan information for select Montana Healthcare Programs and support the receipt and creation of X12 transactions. Finally, the Systems Integration Services Contractor will provide Master Client/Provider Index functionality to uniquely identify and manage members, providers and other entities within the Montana Healthcare Programs enterprise.

**Agency Comment**

CMS approved the Montana Healthcare Programs Modularity Implementation Advanced Planning Document(IAPD) November 7, 2016. CMS approved the Systems Integration Services RFP on March 20, 2017. The Systems Integration Services RFP was released on Friday, May 12, 2017. The RFP closed on July 26, 3017. On October 12, 2017, Department decided to close the Systems Integration Services for DPHHS MPATH - DPHHS - RFP - 2-17 - 0112JTsolicitation without awarding a contrat and issued the following statement: "The State of Montana hascompleted its review of the Request for Proposal DPHHS-RFP-2017-0112JT Systems Integration Services for DPHHS MPATH. The Department of Public Health and Human Services (Departmentn) has determined that it is in the best interest of the State to cancel this RFP in order to in order to refine the components and services requested in the RFP. The System Integration Services Module remains a very high priority for the Department, and the Department plans to re-release an updated RFPin November 2017. The Department greatly appreciates the time and effort of those vendors who submitted proposals for this RFP and we hope that you will consider participating in this new solicitation." The Department conducted five listening sessions with interested vendors and is in the process of refactoring the RFP based on vendor feedback. The Department received CMS approved of the RFP on November 29, 2017 and was released to the public on November 30, 2017.

The Department estimates that the project will kick-off in October 2018. The actual start date and the total project funding will be updated when the SI Services vendor is selected and the contract is signed.

Planned Value	\$1	Rebaselined Date	
Earned Value	\$1	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

HHS	Seed 2 Sale		Executing	Johnston, Erica	Yes	6/1/2018	4/30/2018		\$613,379	\$613,379	\$0	\$625,000	\$0		\$625,000	\$47,245	No	No	No	No				
				Katsilas, Justyn																				

**Description**

This project is specific to the research, analysis, procurement, and DDI of a system to support the Medical Marijuana program within QAD, specifically the requirements set forth in SB333

**Project Objectives**

Implement a full service seed to sale inventory management system to track marijuana products from seedlings to the sale of consumable products integrate with a a cardholder registry and licensing solution. This system must account for integration points including the ability to track inventory location and amounts of consumable products, waste by-products, and lab testing results; pair cardholders with providers; license industry organizations and employees; provide endorsements for providers; and track industry organization inspections.

**Agency Comment**

UAT in progress for licensing/registration. Inventory and tracking functionality nearing end of configuration.  
  
Project on tasks to be implemented by 04/30/2018 deadline.  
  
Due to priority and effort of Budget Reductions on fiscal staff, this report reflects expenditures through 12/31/2017, and project progress up through 01/31/2018.

Planned Value	\$144,324	Rebaselined Date	
Earned Value	\$509,104	CPI	10.78
Cost Variance	\$461,859	SPI	3.53
Schedule Variance	\$364,780		

HHS	SSNRI Project		Executing	Matthews, Marie	Yes	4/3/2017	6/30/2018	12/31/2018	\$762,220	\$762,220	\$76,222		\$685,998		\$762,220	\$44,786	No	No	No	No				
				Katsilas, Justyn																				

**Description**

The Social Security Number Remvoal Initiative is a project to remove the SSN from Medicare Cards and replce them with a Medicare Beneficiary Identifier (MBI). This will impact systems that current interface with CMS for Medicare related information, as they will have to be updated to received and send MBIs.  
  
This initiative must be compelted and tested prior to CMS distributing new Medicare cards (est 04-2018)

**Project Objectives**

Successfully transition use of the HICN number to the MBI number from CMS.Using web services, centralize the exchange of information with CMS for MBI.

**Agency Comment**

Development in progress for this effort. Project is on target to be implemented by planned completed date.  
  
Due to priority and effort of Budget Reductions on fiscal staff, this report reflects expenditures through 12/31/2017, and project progress up through 01/31/2018.

Planned Value	\$217,777	Rebaselined Date	
Earned Value	\$297,266	CPI	6.64
Cost Variance	\$252,480	SPI	1.36
Schedule Variance	\$79,489		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

HHS	Update SMHP		Executing	Fuller, Stuart	Yes	4/10/2017	12/31/2017	5/31/2018	\$270,000	\$270,000	\$27,000	\$0	\$243,000		\$270,000	\$646	No	No	No	No				
				Katsilas, Justyn																				

**Description**

This effort entails completing the draft of the CEP to bring on a contractor to update the SMHP, and then to manage the contractor with the updating of the SMHP to Department Expectations.

**Project Objectives**

To update the State Medicaid Health Information Technology Plan (SMHP), to reflect the current plan to meet federal regulations and guidance for Health Information Technology and Electronic Health Records Incentive Programs.

**Agency Comment**

Vendor has been procured. Project is on target for completion in May 2018.  
  
Due to priority and effort of Budget Reductions on fiscal staff, this report reflects expenditures through 12/31/2017, and project progress up through 01/31/2018.

Planned Value	\$51,802	Rebaselined Date	
Earned Value	\$108,000	CPI	167.20
Cost Variance	\$107,354	SPI	2.08
Schedule Variance	\$56,198		

HHS	WIC EBT Vendor Services		Closing	Harwell, Todd	No	9/24/2015	5/31/2017	9/29/2017	\$662,670	\$662,670	\$0		\$662,670		\$662,670	\$577,026	No	No	Yes	Yes				
				Katsilas, Justyn																				

**Description**

This project is intended to develop a WIC EBT system. Services includes an EBT contractor that will support the WIC benefit transactions in all aspects, including card creating/distribution, redemption, reporting, settlement, merchant, retailer, and participant support services.

**Project Objectives**

The objective of this project is to utilize EBT contractor services for Montana's WIC program, to provide a broad range of EBT services and functions to support the electronic delivery of benefits to eligible participants in the State.

**Agency Comment**

The effort reported here is specific to the WIC DDI EBT Vendor Services effort. This effort is complete, and the WIC EBT System had a successful pilot and has been implemented Statewide.  
  
Please see the PI report for this project, to be submitted in June 2018.

Planned Value	\$662,670	Rebaselined Date	11/1/2016
Earned Value	\$662,670	CPI	1.15
Cost Variance	\$85,644	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH					
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

JUD	Court Technology Improvement		Executing	McLaughlin, Beth	Yes	7/1/2015	6/30/2017	12/31/2018	\$834,000	\$834,000	\$834,000				\$834,000	\$393,805	No	No	Yes	No				
				Mader, Lisa																				

**Description**  
 Courtroom Technology Improvement Project

**Agency Comment**

Planned Value	\$393,805	Rebaselined Date	7/1/2017
Earned Value	\$393,805	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

**Project Objectives**  
 Hardware/equipment technology project to continue modernization efforts in MT courts to meet the unique needs of the Branch, IT standards & ADA. Maintain current technologies, continue upgrading courts/courtrooms with video/audio, and provide equipment/technology necessary for courts/judges/public to fully benefit from statewide Efiling.

JUD	FullCourt Enterprise Statewide Case Management Upgrade		Executing	McLaughlin, Beth	No	4/14/2015	9/30/2016	6/30/2018	\$2,539,355	\$2,586,445	\$813,810		\$1,772,635		\$2,586,445	\$2,033,407	No	No	Yes	No				
				Mader, Lisa																				

**Description**  
 FullCourt Enterprise Statewide Case Management Upgrade

**Agency Comment**

Planned Value	\$2,033,407	Rebaselined Date	7/1/2017
Earned Value	\$2,033,407	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

**Project Objectives**  
 FullCourt Enterprise Statewide Case Management Upgrade - centralize 192 individual distributed oracle databases throughout Montana to a single database hosted in Helena with SITSD.

Only minimal new new funds have been expended this quarter (no vendor payments, UAT expenses). During the rebaseline a new payment schedule was negotiated. There are 2 remaining payments. Project activities have moved forward very successfully since the last quarter. 1 of the 2 remaining payments will be made before the end of April 2018 and the the final payment (10% holdback) will be made at the end of project. The OCA accomplished another successful FullCourt Enterprise implementation. The Flathead County District Court went live production on February 5, 2018. That leaves 2 remaining pilots scheduled for April and June and closing the project at end June 2018.

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER		HEALTH					
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

JUD	Montana Courts Electronic Filing System		Closing	McLaughlin, Beth	No	3/7/2013	6/30/2017	1/31/2018	\$1,717,367	\$1,745,660	\$1,535,000		\$487,263		\$2,022,263	\$1,746,260	No	No	Yes	No				
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Mader, Lisa

**Description**  
Electronic Filing of Cases in Montana Courts via an E-Filing Web Portal

**Project Objectives**  
The E-filing portal will improve access to MT court systems; 24/7 standard/secure electronic filing/serving docs; reduce doc storage/retrieval costs; reduce data entry; improve quality/consistency of court records; increase productivity-simultaneous access to case files; reduce catastrophic loss risk; secure pymt processing of statutory filing fees/costs.

**Agency Comment**  
The remaining 2 milestones were met in December 2017 with payments being made in January 2018. Final project acceptance payment was approved on February 7, 2018. PLEASE NOTE: In reviewing the project reports for the closing phase of this project, I realized there were some numeric errors that have been carried forward since September 2016. In September 2016, per discussions with Ron Baldwin, internal operating costs were to have been removed from our project numbers. The errors discovered were because the internal operating expenses did not get removed from the general fund field or the total project funding field. In addition, the \$2,015,660 in the current estimate field from the 11/15/2017 reporting included \$270,000 in maintenance which should not be included in the project estimate. The accurate #s are now reflected above. The report will show a difference of \$270,000 between the funding column, and the total expended column. This \$270,000 represents the maintenance costs under contract at \$90,000 each year, for a 3 year period.

Planned Value	\$1,746,260	Rebaselined Date	10/7/2016
Earned Value	\$1,746,260	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

LEG	Legislative Session Systems Replacement		Executing	Fox, Susan	Yes	5/15/2013	12/31/2017	12/31/2018	\$6,146,000	\$7,361,455	\$982,355	\$233,100		\$6,146,000	\$7,361,455	\$6,744,765	Yes	No	Yes	No				
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Murray, Susan

**Description**  
Replacement, upgrade and consolidation of legislative systems supporting bill drafting, the engrossing and enrolling of bills, amendment processing, House and Senate journals and committee minutes, and replacement of the database that stores the Montana Code Annotated.

**Project Objectives**  
The LEG IT Plan adopted by the Legislative Council identifies IT systems that are at or near obsolescence and need replacement. This project addresses the need to design and modernize core Legislative technology that is more than 27 years old.

**Agency Comment**  
HB10 (Ch. 383, L. 2013) transferred funds from the General Fund to the Long Range Information Technology Project account. Additional General Fund from HB2 appropriations and from the IT Reserve Fund (5-11-407, MCA) have been used to supplement and continue the project.

Planned Value	\$6,809,167	Rebaselined Date	7/26/2016
Earned Value	\$6,809,167	CPI	1.01
Cost Variance	\$64,402	SPI	1.00
Schedule Variance	\$0		



GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

MDT	Maintenance Management System (MMS)		Closing	Swartz, Jonathon	No	3/4/2013	9/27/2016	10/27/2017	\$2,000,000	\$2,850,000		\$2,529,893			\$2,850,000	\$2,438,681	No	No	No	No				
				Warren, Mike																				

**Description**

The purpose of this project is to purchase a commercial off-the-shelf (COTS) product that meets the MDT business need for a comprehensive, integrated Maintenance Management System (MMS).

**Agency Comment**

The MMS Project went live with full functionality on October 2, 2017. The difference between EV and PV (\$18,569.50) is a result of lower than anticipated MDT internal costs. The difference between Total Expended and Earned Value (\$384,333) represents the final payment due the vendor after both parties have signed the Maintenance and Support Agreement.

Planned Value	\$2,841,580	Rebaselined Date	1/2/2017
Earned Value	\$2,823,014	CPI	1.16
Cost Variance	\$384,333	SPI	0.99
Schedule Variance	(\$18,566)		

**Project Objectives**

- 1) Advance the strategic approach to managing the MDT Maintenance Program.
- 2) Improve MDT Maintenance Program efficiencies.
- 3) Maintain or improve the customer satisfaction index."

MDT	RSS (Aerial Photography)		Closing	Kailey, Dwane	No	7/1/2015	6/30/2016	8/15/2017	\$868,469	\$1,193,469		\$1,119,519	\$73,950		\$1,193,469	\$868,469	No	Yes	No	No				
				Dennis, Aaron																				

**Description**

MDT has COMPLETED the contract with Vexcel-Imaging to provide services to acquire, implement, train, and support an RSS to meet MDT's aerial survey and mapping business needs. The immediate operational need was an RSS that supports MDT's business, functional, and technical requirements/framework as identified. Focus will be on future growth and capability. DOA, STISD instructed MDT to store all RSS data at The State Data Center. The infrastructure between the State Data Center and MDT is now complete and functional. The State Data Center requirement did not delay the project however it added unanticipated costs (\$190K), time (12 months) and complexity. The 90-day warranty for project was signed off on August 15, 2017. A licence and maintenance contract is in effect until June 2019.

**Agency Comment**

- Engineering Leadership has extended the User Acceptance Testing (UAT) to ensure appropriate and thorough testing is accomplished for the camera and all the software associated with the overall system.
- The Original Estimate of \$868,469 only included vendor costs from MDT's contract with Vexcel. Added into the Current Estimate is Internal Labor.
- The UAT testing is using actual federal aide projects, therefore, a portion of the labor costs will be reimbursed via FHWA.
- Internal hours from 11/18 until project completion have been rebaselined to a total of 2,700 hours at an internal cost of \$50 per hour. Of this number, 1,700 hours will be reimbursed via FHWA at a rate of 87%
- The original RSS Project was funded through State Special Revenue at \$868,469 for external costs only.
- The State Data Center requirement added \$190,000 in unanticipated costs to upgrade infrastructure.
- All project payments (\$868,469) have been made to Vexcel.

Planned Value	\$868,469	Rebaselined Date	11/18/2016
Earned Value	\$868,469	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

**Project Objectives**

- MDT has established a number of goals for the airborne sensing program.
- Replace existing analog camera, film processing, film scanning, and current softcopy suite used for photogrammetry with a new RSS.
  - Ensure that MDT provides same or improved services and products.
  - Satisfy goal of integrating different types of remote sensing data.
  - The ability to store and retrieve data from The State Data Center.

GENERAL PROJECT INFORMATION					SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

OPI	ART II Grant		Executing	Emerson, Christine	No	10/1/2015	9/30/2018	9/30/2018	\$1,514,918	\$1,514,918	\$17,729		\$1,497,189		\$1,514,918	\$1,057,721	No	No	No	No				
				Draur, Bitsey																				

**Description**  
 The purpose of the grant funding is to decrease administrative errors in LEAs and schools identified by the OPI that are experiencing, or likely to experience, program administrative errors. Train School Food authority in school meal programs processes and newly implemented system.

**Project Objectives**  
 Purchase and implement a replacement Child Nutrition System, train users, reduce administrative errors, streamline data collection, reporting, and claiming.

**Agency Comment**

Planned Value	\$1,081,500	Rebaselined Date	
Earned Value	\$1,081,500	CPI	1.02
Cost Variance	\$23,779	SPI	1.00
Schedule Variance	\$0		

OPI	Technology Innovation Implementation Grant		Initiating	Emerson, Christine	No	10/1/2018	9/30/2020		\$1,742,656	\$1,742,656	\$12,000		\$1,730,656		\$1,742,656	\$817	No	No	No	No				
				Draur, Bitsey																				

**Description**  
 This project will expand the capabilities of the School Nutrition Programs (SNP) system deployed with the ART II grant. It will optimize the use of cloud-based programs for the State Agency and Local Education Agencies allowing more collaboration and data analytics to assist with identifying errors, as well as successes among the SNP participants.

**Project Objectives**

- Enhance connectivity to remote locations
- Integrate USDA Free/Reduced application into the SNP system
- Expand menu planning functionality for sponsor collaboration
- Streamline responses to data requests and reporting to the USDA
- Upgrade and integrate the direct certification system soon to reach end of life
- Deploys a mobile application for meal counting
- Summer Food Service Program EBT demonstration
- 
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**Agency Comment**

Planned Value	\$817	Rebaselined Date	
Earned Value	\$817	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER			HEALTH				
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

STF	Insurance Policy and Billing System Replacement - Phase One		Executing	Parisian, Al	No	11/13/2017	12/1/2019		\$15,780,619	\$15,780,619					\$15,780,619	\$15,780,619	\$2,086,206	No	No	No	Yes				
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Copps, Shannon

**Description**  
Phase One to replace legacy insurance system that currently includes policy administration and billing functionality with the following systems:  
1. Policy Administration  
2. Policy Billing  
3. Policy Rating  
4. Account Management Portal  
5. Agent Gateway Portal

**Agency Comment**

**Project Objectives**  
Develop and implement Phase One core insurance functionality for the defined systems.

Planned Value	\$2,086,206	Rebaselined Date	
Earned Value	\$2,086,206	CPI	1.00
Cost Variance	\$0	SPI	1.00
Schedule Variance	\$0		

STF	Policy Billing Replacement Inception		Closing	Parisian, Al	No	6/12/2017	11/10/2017	11/10/2017	\$1,626,565	\$1,439,320					\$1,626,565	\$1,626,565	\$637,820	No	No	No	Yes				
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Leyva, Sandy

**Description**  
First phase to replace 20 year-old insurance policy administration and billing application.

**Agency Comment**

**Project Objectives**  
Planning and design for insurance policy administration and billing application.

Planned Value	\$628,525	Rebaselined Date	
Earned Value	\$628,585	CPI	0.99
Cost Variance	(\$9,235)	SPI	1.00
Schedule Variance	\$60		

GENERAL PROJECT INFORMATION						SCHEDULE DATES			TOTAL ESTIMATED COSTS		APPROPRIATED BUDGET AMOUNTS					EXPENDED	OTHER				HEALTH			
Agency	Title	Overall	Current Phase	Sponsor	HB10 Funded	Actual Start Date	Original Delivery Date	Revised Delivery Date	Original Estimate	Current Estimate	General Fund	State Special Revenue	Federal	Other	Total	Total	Supplemental	Post-IMP	Re-Baselined	IV-V	Scope	Schedule	Budget	Risk
				Project Manager																				

TRS	M-Trust Enhancements		Executing	Graham, Shawn	No	1/17/2017	9/30/2018	1/10/2019	\$1,281,010	\$1,281,010					\$1,281,010	\$1,281,010	\$566,059	Yes	No	Yes	Yes				
				Fournier, Jane																					

**Description**  
 The enhancement project encompasses a group of specific changes that will allow TRS to take full advantage of the recently completed technology upgrade to streamline business processes and significantly enhance staff productivity, compliance, and customer service.

**Project Objectives**  
 Improve TRS staff efficiency and productivity by reducing manual, off-system work.  
 Improve customer service by providing more information accurately and timely and by reducing the time taken to provide routine customer services.  
 Improve data quality and auditability.

**Agency Comment**

Planned Value	\$524,842	Rebaselined Date	11/1/2017
Earned Value	\$512,397	CPI	0.91
Cost Variance	(\$53,662)	SPI	0.98
Schedule Variance	(\$12,446)		

**Supplemental Report**  
Legislative Finance Committee  
Revised December 19, 2017

Instructions: A Supplemental Report is due anytime:

- the overall health yellow or red;
- the project is rebaselined; and/or
  - rebaselining must be approved by the State CIO
- the current phase is On-Hold or Cancelled.

Project Information	
Agency	Agriculture (MDA)
Project Title	Agricultural Licensing System
Current Date	February 20, 2018
Sponsor	Mark Nechodom
Project Manager	Andy Gray
Overall Health	Yellow
Brief Description of Current Project Status	Three phases complete with multiple programs implemented. Currently re-evaluating requirements (re-gap) for Phase 4.0.
Major Milestones Completed	<p>The project has completed development and implementation of several phases, including functionality for:</p> <ul style="list-style-type: none"> <li>• Feed and Fertilizer program licensing, product registration, assessments, inspections, sampling with lab interface, enforcement and online application payments.</li> <li>• Seed program licensing, assessments, inspections, sampling, enforcement and online application payments.</li> <li>• Produce program licensing, assessments, inspections, enforcement and online application payments.</li> <li>• Commodity program licensing, financial status and bonding review, inspections, enforcement and online application payments.</li> <li>• Pesticide licensing, product registration, manuals and training purchasing, inspections, sampling with lab interface, enforcement and online application payments.</li> <li>• Apiary licensing, site registration with mapping, inspections, enforcement and online application payments.</li> <li>• General Invoicing</li> </ul>
Next Milestone(s)	<ul style="list-style-type: none"> <li>• Complete re-gap for Phase 4.0.</li> <li>• Amend original SOW to include changes in scope for Phase 4.0.</li> <li>• Development and implementation of Phase 4.0</li> </ul>

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
<u>Scope Changes</u> Pesticide Manuals and Training Courses - allows online payments for study manuals and training courses by unlicensed persons	6/27/2017	Completed 10/2/2017	4	\$13,336
<u>Issues and Risks</u>	11/9/2017	See Comment #4 below.	Unknown until the re-gap process is	Unknown at this time.

Phase 4.0 – the Organic program re-gap and development will extend this project beyond the original go-live date			complete and the SOW amendment is finalized.	
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**Add additional comments**

The department has re-baselined this project as a result of:

- 1) The department had a new component requirement, not included in the original SOW, that we believed was necessary for full and efficient functionality of the Pesticide program. It was added to the original scope as ‘Phase 3.75 – Pesticide Manuals and Training Courses’ in late June 2017, after approval through SITSD and the CIO. Phase 3.75 was developed and implemented according to the amended SOW in regard to schedule and pricing, with a successful go-live of October 2, 2017. The numbers submitted with this report reflect the additional costs of Phase 3.75 (\$13,336 for internal and external costs).
- 2) The department also realized some gaps in the original SOW for ‘Phase 4.0 – Organic Backoffice and Online’ and thought it prudent to conduct a re-gap of Phase 4.0. The Phase 4.0 re-gap process continues, and Phase 4.0 development has not yet begun. Until the re-gap process is completed, the exact schedule and cost variants are unknown. As such, the schedule for implementation of Phase 4.0 will be delayed and the cost will be modified proportionate to the services received. Thus, the Scope and Risk indicators have been updated to Yellow. However, the department adjusted the schedule knowingly and still expects to have a fully functional, and more complete, Phase 4.0 within a workable time frame. The revised scope, schedule and pricing amendment for Phase 4.0 will be formally submitted to SITSD when the re-gap process is complete.
- 3) The total expended amount is less than the planned value and earned value due to the fact that less internal personnel resources were used in development of the project than was projected for the portion of project completed to date.
- 4) Plan of Action for Phase 4.0 – The vendor continues to review the Organic requirements from the re-gap and the department expects an amended SOW for the revised scope, price and schedule soon. The project is basically on hold until the department receives and accepts the amended SOW. Thus, the Total Expended, Planned Value and Earned Value have not changed since the last quarter.

The vendor recently implemented a revised Release Schedule and only allows for major releases in March and September. With this in mind, September 2018 would be the earliest that Phase 4.0 could be fully implemented. As such, the project will be re-baselined during the next quarter to outline the revised scope, price and schedule. Any additional expenses, if necessary, will be sourced from State Special Revenue program funds.

**Supplemental Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

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  - rebaselining must be approved by the State CIO
- the current phase is On-Hold or Cancelled.

Project Information	
Agency	Department of Environmental Quality
Project Title	Coal Information Management System (CIMS)
Current Date	2/16/2018
Sponsor	Christopher Dorrington
Project Manager	Ashley Eichhorn
Overall Health	Green
Brief Description of Current Project Status	Executing
Major Milestones Completed	Development work for OSMRE ePermit-Release 1, MT Coal App (all but sub-modules-User Tasks and Inspections)
Next Milestone(s)	Complete System Security Plan, Redefine Roles and Responsibilities, Gather Requirements for Western Region ePermit -Release 1

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
Needing to redefine/identify the key resources and associated roles and responsibilities	11/3/2017	Meeting with MT Management and OSMRE Staff in Knoxville 1/9-11/18	5 Weeks We have continued to work on the applications that aren't affected by this issue so no schedule impact at this time.	\$0.00 We have continued to work on the applications that aren't affected by this issue so no budget impact.
OSMRE Introduced Expanded Scope after development work was completed for ePermit and requirements and prototype was completed for Knoxville Coal App	10/16/2017	Meeting with MT Management and OSMRE Staff in Knoxville 1/9-11/18. In the meeting we prioritized the application and western region will now share the ePermit application and only add "County and Quad" information on the Location Page. This is no longer an issue and will be removed from next reporting cycle.	No schedule impact at this time.	\$0.00
Develop a System Security Plan	11/16/2017	Develop a system security plan for the	We are targeting for a 3/31/18 completion	\$0.00

		system with ITSD since this was not documented prior to the project development.	date –no schedule impact at this time as we can continue to work on OSMRE requirement gathering	
Hire New Front-End Contractor	1/8/18	Start the process of hiring new front-end developer	12 Weeks if we go through the CEP vendor list.	\$0.00

<b>Add additional comments</b>
Click or tap here to enter text.



**Supplemental Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

Instructions: A Supplemental Report is due anytime:

- the overall health yellow or red;
- the project is rebaselined; and/or
  - rebaselining must be approved by the State CIO
- the current phase is On-Hold or Cancelled.

Project Information	
Agency	Department of Environmental Quality
Project Title	Fees, Application, Compliance, Tracking Systems (FACTS)
Current Date	1/26/2018
Sponsor	Tom Livers
Project Manager	Pranav Sharma
Overall Health	Green
Brief Description of Current Project Status	Project is in its final stages. We have completed most of our deliverables and putting on finishing touches on outstanding items.
Major Milestones Completed	We have conducted several User Acceptance Test with external users. We have received overwhelming acceptance of the product.
Next Milestone(s)	Storm water – Industrial (SW-I) permit should be coded next. SW-I is our last deliverable. It is currently in renewal process.

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
No Risk or Issue	10/16/2017	Addressed by Change Request as described in the comments section below.	None	\$14,336

Add additional comments
<ol style="list-style-type: none"> <li>1. During DEQ's renewal of the Domestic Sewage and Treatment Lagoons master general permit (MTG58xxxx), it was decided to split the permit application into two separate permits: a continuous discharge permit and a batch discharge permit. FACTS project had accounted for only one permit application for MTG58xxxx during the initial requirements. This change increases the total contract value by \$8,822.00.</li> <li>2. User Acceptance Testing identified that having the ability to switch between different map base layers and toggle other map themes on/off would improve usability of the application. This change increases the total contract value by \$5,514.00.</li> </ol>

**Legislative Finance Committee  
Supplemental Report**

<b>Project Information</b>	
Agency	Department of Environmental Quality
Project Title	RIMS
Current Date	02/15/2018
Sponsor	Jenny Chambers
Project Manager	Staci Stolp
Overall Health	LFC status report project health – Green IV&V project health - Yellow
Brief Description of Current Project Status	Scope, Schedule, Budget, and Risk remain Green
Major Milestones Completed	Pre-Production Releases 1 – 21, integration of core business functions, document management, sample data management, implementation of automated tests, PTRCB (Claims), SSU (Institutional Controls, VCRA), form letter generation
Next Milestone(s)	Pre-Production Releases 22 – 24, revision of automated tests, remaining UST, PTRCB and SSU, Priority Reports, User Acceptance Testing Prep/Script development.

<b>List all issues, risks, scope changes, schedule changes, budget changes, etc.</b>				
<b>Issues and Risks</b>	<b>Date Identified</b>	<b>Planned Resolution and/or Mitigation</b>	<b>Schedule Impact (Weeks)</b>	<b>Budget Impact (Amount)</b>
Change in regulations	5/11/2015	Use internal resources, change control, prioritize requirements and program focus	Currently not affecting schedule	Currently not affecting budget
Implemented System does not cover all functionality needed by programs	11/23/2015	<ol style="list-style-type: none"> <li>1) Consolidation and re-evaluation of requirements to ensure scope is clearly defined and only includes needed functionality</li> <li>2) Use internal resources, change control, prioritize requirements and program focus</li> <li>3) Use Project Status, Release Planning Meetings to keep team apprised of functionality and progress.</li> <li>4) Develop a robust UAT test plan and test cases to ensure requirements and functionality is met by system.</li> </ol>	Currently not affecting schedule	Currently not affecting budget
Resource Risk, DEQ team resources do not have the technical skills to implement the proposed system.	3/2016	<ol style="list-style-type: none"> <li>1) Hired Alfresco to help ensure we could set-up our Alfresco instance correctly</li> <li>2) Developed and executed the DEQ transition Plan:               <ol style="list-style-type: none"> <li>a) Provided development team with technical training:                   <ol style="list-style-type: none"> <li>i) Informal training sessions with team</li> <li>ii) MVC</li> <li>iii) Angular</li> <li>iv) Alfresco</li> <li>v) Business Analysis</li> <li>vi) Story Estimation</li> </ol> </li> </ol> </li> </ol>	Project rebaselined based on resource capacity. Currently not affecting schedule	Project rebaselined based on resource capacity. Soft costs were affected.

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
		<ul style="list-style-type: none"> <li>vii) Agile methodology</li> <li>viii) JIRA</li> <li>ix) EPASS and Windows Authentication</li> </ul> <p>b) Technical team reviewed status, risks, shortcomings (together and separately) of</p> <ul style="list-style-type: none"> <li>i) Code</li> <li>ii) Database</li> <li>iii) Data Migration</li> <li>iv) Data Cleanup</li> <li>v) Remaining development work not started</li> </ul> <p>c) Discussed resourcing needs, did we need additional contracted expertise</p> <p>d) Technical team proposed different options for a way forward</p> <p>e) Discussed different procurement options for augmentation staff and began preparing documentation when we obtained closure with Windsor</p>		
DoA Changes Timesheet	4/27/2016	Identify key decision makers, establish their authority and define the decision making process.	Currently not affecting budget	Currently not affecting budget
Interfacing with State and DEQ internal systems	2/3/2017	<ul style="list-style-type: none"> <li>1) Maintain regular correspondence with State agencies whose systems TREADS has an interface.</li> <li>2) Continue to receive software update/release information from MT Interactive</li> </ul>	Currently not affecting schedule	Currently not affecting budget
Staff turnover/Leadership changes	2/3/2017	<ul style="list-style-type: none"> <li>1) New leadership introduction to RIMS Project.</li> <li>2) Set-up individual meetings to train new leadership.</li> <li>3) Make meeting/session attendance a priority.</li> <li>4) Close coordination with new leadership and current product owners.</li> <li>5) Include staff replacements as early in the process as possible.</li> </ul>	Currently not affecting schedule	Currently not affecting budget
Large Core Team Size	2/21/2017	<ul style="list-style-type: none"> <li>1) Identify key decision makers, establish their authority and define the decision making process.</li> <li>2) Active communication between team members and update and communicate project communication plan processes.</li> </ul>	Currently not affecting schedule	Currently not affecting budget
Resource commitment	2/21/2017	<ul style="list-style-type: none"> <li>1) Engage leadership on a regular basis using a variety of venues (project status, Bureau meetings, and Executive meetings).</li> <li>2) Identify additional knowledge transfer or training for team members.</li> <li>3) Look internally for resources/skill sets that can be brought in to assist</li> </ul>	Currently not affecting schedule	Currently not affecting budget

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
		4) Keep schedule up to date and available to all team members. 5) If competing priorities occur, have a global discussion regarding impacts. 6) Create calendar for project team (Product Owners, IT staff, etc.) and proactively identify competing priorities. -Added November 1, 2017 7) Establish, train, and enforce a clear reporting and communication structure for project decision making, escalation of issues and concerns, and fully embracing a Steering Committee approach 8) Revise development framework, all staff with a role in TREADS will attend required training on the established project and software development framework		
State selection of Enterprise Content Management Solution different from Alfresco	6/8/2017	1) Open design architecture 2) Well-maintained requirements, design and architecture documentation to aid in transition to new system.	Currently not affecting schedule	Currently not affecting budget
Data Cleanup and Conversion	10/9/2017	1) The database conversion plan must be comprehensive. If the plan is determined to be not detailed or comprehensive enough, high-level database expertise should be brought in. Examine the error rates that arise from testing the conversion process. 2) Ensure that DEQ Development Team can make timely fixes. 3) Bring in additional database resources if warranted. The risk retains its Red rating until DEQ is satisfied with the data conversion and cleansing process.	Currently not affecting schedule	Currently not affecting budget
Schedule	10/9/2017	1) Agreed-upon review times entered into project schedule. 2) Calendar for near-term commitments is reviewed at each status meeting. 3) Follow the revised escalation process when delays appear imminent.	Currently not affecting schedule	Currently not affecting budget
IIS App Pool blocks access to TREADS	1/9/2018	Use EPASS which was integrated into TREADS in 2017	Currently not affecting schedule	Currently not affecting budget
Continuing compliance with changing	1/11/2018	Create a detailed technical specification for TREADS. Then keep an eye on <a href="https://mine.mt.gov/it/servicedesk/interruptio">https://mine.mt.gov/it/servicedesk/interruptio</a>	Currently not affecting schedule	Currently not affecting budget

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
State server requirements		nsalerts.mcp as well as building a direct relationship with several SITSD staff to get as early a heads-up on server changes as possible.		
Loss of Project Manager	1/24/2018	<ol style="list-style-type: none"> <li>1) The Project Manager has been cross training and delegating work on the project to build a community of expertise and knowledge.</li> <li>2) WMRD is hiring two new CSA positions that will assist on the project and long-term maintenance of the system.</li> </ol>	Currently not affecting schedule	Currently not affecting budget
Data Migration Tracking	2/21/2018	From 01/31/2018, any changes to the migration rules and tables associated with migration will be reflected in the data-mapping document.	Currently not affecting schedule	Currently not affecting budget

Add additional comments
<p>The department recently experienced a change in technology at SITSD that affected the TREADS Development and Test environments for which they were not notified of until after we started to investigate issues with our Test environment. What we discovered was that SITSD inconsistently introduced this technology to the TREADS environments (i.e., technology was added to the TREADS Test, but not the Development environment). This technology, resulted in approximately a two month delay to the project while DEQ troubleshooted the problem and then proceeded to work through resolving issues with SITSD's implementation of this technology.</p> <p>In response to the above delay and the findings of a recent Legislative Audit, DEQ has re-baselined the project with respect to staffing resources, schedule, budget and scope. The department has aligned the project with recommendations from a recent legislative audit report. We have focused on readjusting our staffing/reporting structure, re-training of team members, and enforcement of expectations for team members.</p> <p>DEQ currently rates the project as green. This is in contrast with the last IV&amp;V report, dated January 31, 2018, which rated the project as yellow and the schedule status as red. At the time of the report, DEQ was waiting to receive revised schedule estimates from some team members and had not been able to establish the schedule re-baseline. The schedule re-baseline has since been established and the team is working toward meeting the schedule.</p>

**Supplemental Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

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- the overall health yellow or red;
- the project is rebaselined; and/or
  - rebaselining must be approved by the State CIO
- the current phase is On-Hold or Cancelled.

Project Information	
Agency	DLI
Project Title	MontanaWorks Phase 2
Current Date	2/21/2018
Sponsor	Scott Eychner
Project Manager	Jeremy Crouse
Overall Health	Red
Brief Description of Current Project Status	Project is behind schedule. A slow start to the requirements gathering process, as well as a production emergency has temporarily reassigned resources.
Major Milestones Completed	<a href="#">Click or tap here to enter text.</a>
Next Milestone(s)	Claim Module Rewrite

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
Production Support	11/1/2017	Additional resources will be added to the project in order to meet the current schedule	12 weeks	None

Add additional comments
<p>Due to a security issue with one of DLI’s production web sites, resources were reassigned to correct the issues. The impact web site was taken down, and the functionality was added to the MontanaWorks web site. We started moving resources back to the Phase 2 project in January, and should be back to full capacity in March. There should be no impact to our original estimate, but we have rescheduled our production implementation dates for the 4 modules being developed.</p>

**Post-Implementation Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

Instructions: A Post-Implementation Report is required six months after the project delivery date to verify the project has fulfilled its original objectives, that all components are fully implemented, and that the system is performing as expected after production implementation. Please report any issues and risks encountered after the project delivery date.

Project Information	
Agency	Department of Labor and Industry
Project Title	STAARS Phase 2
Current Date	2/20/2018
Sponsor	Brenda Nordlund
Project Manager	Kim Warren
Project Delivery Date	6/30/2017
Appropriated Budget Amount	\$3,535,083
Total Project Cost	\$2,340,483
Expected Ongoing Annual Cost	\$950,000 (plus \$50,000 yearly increase in maintenance)
Year the Ongoing Annual Cost Began	2016
Funding Sources for Ongoing Cost	Federal UI grant and Employment Security Account funds.
Primary Project Goal(s)	<ul style="list-style-type: none"> <li>• Implement yearly service packs</li> <li>• Implement SIDES</li> <li>• Implement TOPS</li> </ul>

List the key project objectives, metrics used to measure objectives, and final metric results		
Key Objectives	Metric Used	Metric Results
STAARS Service Packs	Completed Service Packs	Successfully Completed
SIDES	Program Implemented 03/31/2017	Successfully Completed
TOP	Program Implemented 01/01/2017	Successfully Completed
Federal Reporting	Completed with ongoing monitoring	Reporting Successfully running on schedule, uploading, and passing into Federal Sungard System

Describe post-implementation issues, risks, mitigation measures, resolution dates, and status			
Issues and Risks	Resolution and/or Mitigation Measures	Resolution Date	Status
None	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.

Add additional comments
<p>Successfully implemented STAARS service packs on 09/24/2016 and 04/01/2017.</p> <p>SIDES (State Information Data Exchange System) – to date have 3,168 participating employers and 16 participating Brokers.</p> <p>TOP (Treasury Offset Program) – to date have collected net amount of \$66,451.</p> <p>Federal Reporting – 581, 581 Populations, TPS (Tax Performance System) universes and samples, and 204 and 204C reports are in line with federal requirements, load into the Sungard system and pass validation.</p>

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Project Information	
Agency	Department of Administration
Project Title	Data Protection Initiative Phase 2
Current Date	2/12/2018
Sponsor	Lynne Pizzini and Andy Hanks
Project Manager	Joe Frohlich
Project Delivery Date	12/31/2017
Appropriated Budget Amount	\$749,999
Total Project Cost	\$754,999
Expected Ongoing Annual Cost	\$0
Year the Ongoing Annual Cost Began	\$0
Funding Sources for Ongoing Cost	N/A
Primary Project Goal(s)	Enhance information security statewide to better protect state4 government information systems which include citizen and other confidential data

List the key project objectives, metrics used to measure objectives, and final metric results		
Key Objectives	Metric Used	Metric Results
Establish the Montana Information Security Advisory Council	Frequency of meetings and results of those meetings.	Governor Bullock established the MT-ISAC in 2015 and the first meeting was August of 2015 and has been regularly meeting monthly since August of 2015. Council approved the Enterprise Security Policy – Information Security Policy with appendixes. Consolidated 28 Enterprise Security Policies into the Information Security Policy, then rescinded those 28 policies. Approved a Data Classification Policy. 10 Enterprise Standards and 6 total standard forms and guidelines have been approved.
Development of a Enterprise Security Program	Help all agencies standardize security programs. Manage Enterprise Policy, and Risk and Compliance (IRS and SSA Audits). Manage a Enterprise Security and Awareness Campaign. Support the MT-ISAC.	Enterprise Security Program (ESP) was established in March of 2015. Met with all agencies (CIO's and Security Officers) by June of 2015 to find out what their needs and concerns were in the areas of security. Used this information to plan and develop the MT-ISAC. 2016 managed for DOA/SITSD the IRS/SSA



		onsite audits, and continue to report every six months on any findings.
Implement a statewide information security training and awareness program	End user training for all 15,000+ state employees. Manage and promote training and awareness events. Promote cybersecurity to state agencies and local governments	ESP manages Enterprise Security and Awareness training by administering end user training to all state employees (SANS Securing the Human) and reports to RMTD the percentage of employees who takes this training based from employees in each of the agencies. ESP also hosts several security awareness events and promotes to agencies to take advantage of the free events. ESP sends out cybersecurity awareness information each month. Promote professional training opportunities. Since 2016 ESP has won grants from DHS to have ESP awarded professional online training to key strategic Montana Government employees (State, Local and Tribal). ESP is actively involved in the Local Government Information Technology (LGIT) group promoting cybersecurity opportunities.
Implementation of the Web firewall product for all state web applications.	Purchase a web application firewall (WAF). Promote web firewall to be used by all state applications.	Under the direction of Lynne Pizzini (CISO until 2017), she helped to manage the purchase of the WAF working with SITSD. ESP has promoted through Risk Assessments findings as well as had a MT-ISAC demo on how to setup and manage.

Describe post-implementation issues, risks, mitigation measures, resolution dates, and status			
Issues and Risks	Resolution and/or Mitigation Measures	Resolution Date	Status
Web application firewall (WAF), more agencies need to implement.	MT-ISAC had a demo of the WAF in 2017, how to find out if the agency systems are behind the WAF, and benefits of doing so. This was well attended, but recommend ISB/CISO continue to promote.	Click or tap to enter a date.	Needs to continually be promoted.

Add additional comments
None

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Project Information	
Agency	Department of Administration
Project Title	FileNet to Perceptive Content Migration Project
Current Date	3/1/2018
Sponsor	Matt Van Syckle
Project Manager	Audrey Hinman
Overall Health	Yellow
Brief Description of Current Project Status	All customers are in production except for the Judicial Branch. Judicial has been fully migrated to the test environment.
Major Milestones Completed	All customers are in production other than the Judicial Branch and they are fully migrated to test.
Next Milestone(s)	The next and final milestone is moving the Judicial Branch into production.

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
The FileNet system is no longer under maintenance and could fail.	1/1/2018	SITSD is doing daily file Extracts from FileNet and importing into Perceptive Content for the Judicial Branch, so no data would be lost if there were a failure of FileNet.	None	\$120 per week until the Judicial Branch is moved into production
Judicial Branch migration to production	1/1/2018	Judicial must identify a date they want to migrate to production.	TBD	TBD
Verify agency data conversion.	1/1/2018	SITSD is working with agencies to verify conversion data.	TBD	TBD

Add additional comments
<p>This project was reported as complete on 8/31/2017. At that time, the project completion objective was to migrate all agencies to the test environment. This occurred by 8/31/2017. SITSD is reviewing project completion criteria and will be updating the IT Project Management and Reporting Policy. This project will be considered complete once all agencies have migrated to production and are able to work in the new system with little to no issues.</p> <p>Due to the project objective change, this project was updated to reflect the current phase as executing. The revised delivery date is 3/30/2018. The overall health and risk health are yellow due to conversion data verification. The schedule health is yellow due to the pending Judicial Branch migration to production. SITSD will work with the Judicial Branch to migrate to production.</p>

**Post-Implementation Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

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<b>Project Information</b>	
Agency	DOA SITSD
Project Title	Network Technology Services Bureau – Network and Equipment Upgrades
Current Date	2/15/2018
Sponsor	Matt Van Syckle
Project Manager	Jody Troupe
Project Delivery Date	6/30/2017
Appropriated Budget Amount	4,740,645.00
Total Project Cost	4,740,645.00
Expected Ongoing Annual Cost	712,000
Year the Ongoing Annual Cost Began	2017
Funding Sources for Ongoing Cost	HB2 monies
Primary Project Goal(s)	Replace network equipment that has reached end of life

<b>List the key project objectives, metrics used to measure objectives, and final metric results</b>		
<b>Key Objectives</b>	<b>Metric Used</b>	<b>Metric Results</b>
Replace network equipment that has reached end of life	vendor recommendation/end of support notifications	Successful replacement of all EOL/EOS equipment on Summitnet budgeted for in this project

<b>Describe post-implementation issues, risks, mitigation measures, resolution dates, and status</b>			
<b>Issues and Risks</b>	<b>Resolution and/or Mitigation Measures</b>	<b>Resolution Date</b>	<b>Status</b>
no issues or risks – risks would have been if we hadn't replaced equipment	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.

<b>Add additional comments</b>

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Project Information	
Agency	MT Dept of Justice
Project Title	Full Court Enterprise Data Exchange (FEDEX)
Current Date	2/20/2018
Sponsor	Butch Huseby, Division of Criminal Investigation
Project Manager	Greg Pierson
Overall Health	Yellow
Brief Description of Current Project Status	Planning
Major Milestones Completed	N/A
Next Milestone(s)	Planning phase completed – date unknown

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
Vendor work at Office of Court Administrator is behind schedule.	Has been occurring since 2015.	Vendor work anticipated to be finished early summer, relieving OCA staff to work on this effort.	Unknown as no project schedule has been established yet.	None

Add additional comments
<p>Key management members of this project's team have recently made some progress in this project effort. Some planning milestones have been identified and a key vendor has been engaged to discuss questions about technical design and effort. Planning meetings are anticipated to pick up, and we expect a project schedule to come together in the coming months.</p> <p>This effort involves key participants from MT Office of Court Administrator (OCA) and MT Department of Justice (DOJ). The scope of this work is critical to information-sharing among these pivotal members of the criminal justice community at the state government level. Technical issues have prolonged the completion of related projects, which are funded by the federal DOJ's BJS MCHIP grant program. The OCA project is nearing close-out, and progress is anticipated to pick up at a good pace toward design and build-out of the needed data exchanges between the Courts environment and DOJ's criminal history system.</p> <p>This report includes three phases: II - IJIS Upgrade, III - Protection Orders, IV - Warrants which are funded by HB10 - LRIT funding. Funding for additional exchanges is sought under other FEDEX project phases. For instance Phase I - Justice Court Records System for MVD, is funded by the MDT Traffic Records Committee.</p> <p>The Office of Court Administrator continues to work toward deployment of their Full Court Enterprise solution to courts in the State. We continue to be in the Planning phase of this very important effort, gathering information as resources are available.</p>

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Project Information	
Agency	MT DOJ
Project Title	Montana Computerized Criminal History Improvement Project – Computerized Criminal History v2
Current Date	2/20/2018
Sponsor	Butch Huseby
Project Manager	Greg Pierson
Overall Health	Green
Brief Description of Current Project Status	Execution
Major Milestones Completed	UAT Completed
Next Milestone(s)	New Version to be Released

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
None	Click or tap to enter a date.	Click or tap here to enter text.	Click or tap here to enter text.	Click or tap here to enter text.

Add additional comments
<p>This supplemental report is only for capturing some narrative that was too long for the online web form.</p> <p>The Montana Criminal History Improvement received a second six-month extension of the grant deadline, which extends the deadline until 31 March 2018. We did not anticipate taking the allotted time, but the Board of Crime Control (we are a sub-grantee of them) typically does extensions in six-month blocks. We have ended up taking more time to test on the back end of the new system than we originally anticipated. We do expect the vendor to complete all project work by the March 31, 2018, deadline. We will know during the week of February 19-23 if this will be the case. We should not be required to request another extension.</p> <p>90% of the work has been done on this project; many work units will be invoiced from the vendor once their final pieces are complete. That final series of invoices is anticipated to bring the expended amount in line with the amount of work done.</p> <p>The detailed design for the new Sexual and Violent Offender Registry completed the final review cycle of the Detailed Design. A training contractor was recently hired via RFP, and training modules were completed according to design. Final bugs being worked by the vendor. Go live postponed until completion of the NCHIP 2016 grant.</p>

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Project Information	
Agency	DPHHS
Project Title	Enterprise Services Phase 1
Current Date	1/29/2018
Sponsor	Stuart Fuller
Project Manager	Justyn Katsilas
Overall Health	Green
Brief Description of Current Project Status	Development/configuration of the TAM Upgrade almost complete, allowing for UAT to commence
Major Milestones Completed	Server Standup; Software Install; Non-Prod and Prod State Active Directory Setup
Next Milestone(s)	Application Updates; UAT, Non-Prod Roll-up; Prod UAT, Prod Roll-out

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
Delay of schedule due to IT Convergence priorities, use of State Active Directory, and updates to systems impacted	1/1/2018	Extend due date to accomplish necessary work	Delay 3 months	\$0

Add additional comments
IT convergence tasks, including the switch to use State Production and Test Active Directories, requires unanticipated changes to systems using TAM. These system changes will require additional development time for implement changes to rename AD groups, and utilize new AD groups for authentication and authorization through the TAM portal.

**Post-Implementation Report**  
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<b>Project Information</b>	
Agency	DPHHS
Project Title	Enterprise Services Phase 3
Current Date	1/29/2018
Sponsor	Stuart Fuller
Project Manager	Justyn Katsilas
Project Delivery Date	7/31/2017
Appropriated Budget Amount	\$2,441,523
Total Project Cost	\$2,426,514.03
Expected Ongoing Annual Cost	NA – Is part of Annual M&O for CHIMES and operating services for TSD
Year the Ongoing Annual Cost Began	NA
Funding Sources for Ongoing Cost	Federal Fund and State Fund
Primary Project Goal(s)	<ol style="list-style-type: none"> <li>1. Implement SIEM for Enterprise Data Exchange (EDX)</li> <li>2. Implement MARS-E 2.0 Requirements for SIEM</li> <li>3. Enhancements for EDX</li> </ol>

<b>List the key project objectives, metrics used to measure objectives, and final metric results</b>		
<b>Key Objectives</b>	<b>Metric Used</b>	<b>Metric Results</b>
Enhance EDX (837, 834, and Product Manager)	Changes/Functionality met requirements and passed UAT	Successfully implemented and operational
Expand SIEM to EDX and update to MARS-E 2.0	Changes/Functionality met requirements and passed UAT	Successfully implemented and operational

<b>Describe post-implementation issues, risks, mitigation measures, resolution dates, and status</b>			
<b>Issues and Risks</b>	<b>Resolution and/or Mitigation Measures</b>	<b>Resolution Date</b>	<b>Status</b>
Complexity of CHIMES and EDX	Additional dashboards created to summarize reports/alerts	12/31/2017	Complete

<b>Add additional comments</b>
None

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<b>Project Information</b>	
Agency	DPHHS
Project Title	Joint Enterprise Data Sharing (Enterprise Database) – Phase 1
Current Date	1/29/2018
Sponsor	Stuart Fuller
Project Manager	Justyn Katsilas
Project Delivery Date	8/3/2017
Appropriated Budget Amount	803506
Total Project Cost	794159.75
Expected Ongoing Annual Cost	NA – Is part of Annual M&O for CHIMES and operating services for TSD
Year the Ongoing Annual Cost Began	NA
Funding Sources for Ongoing Cost	Federal Fund and State Fund
Primary Project Goal(s)	<ol style="list-style-type: none"> <li>1. Enhance BI and Data Analytics for HELP Act Reporting</li> <li>2. Support State/federal regulations for reporting</li> </ol>

<b>List the key project objectives, metrics used to measure objectives, and final metric results</b>		
<b>Key Objectives</b>	<b>Metric Used</b>	<b>Metric Results</b>
Test Enterprise Database Structure, population, and access	Changes/Functionality met requirements and passed UAT	Successfully implemented and operational
Validate Reports are accurate and are accessible as needed	Changes/Functionality met requirements and passed UAT	Successfully implemented and operational

<b>Describe post-implementation issues, risks, mitigation measures, resolution dates, and status</b>			
<b>Issues and Risks</b>	<b>Resolution and/or Mitigation Measures</b>	<b>Resolution Date</b>	<b>Status</b>
None	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.

<b>Add additional comments</b>
None



**Supplemental Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

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- the overall health yellow or red;
- the project is rebaselined; and/or
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- the current phase is On-Hold or Cancelled.

Project Information	
Agency	Department of Public Health and Human Services
Project Title	Montana Family Safety Information System
Current Date	1/31/2018
Sponsor	Laura Smith
Project Manager	TBD
Overall Health	Yellow
Brief Description of Current Project Status	The User Interface redesign is wrapping up. We continue to have meetings with Child and Family Services staff to define requirements for key Investigation functionality. Change record testing between Northrop Grumman and SITSD is ramping up.
Major Milestones Completed	The initial load of report referrals from CAPS into MFSIS was completed successfully. Person related panels and the Intake Assessment are near completion.
Next Milestone(s)	Development of the MFSIS Audit Trail as well as assessment documents including the Family Functioning Assessment, Protection Plan, In-Home Safety Plan and Out-of-Home Safety Plan.

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
Loss of Project Manager that had years of experience and knowledge of legacy system (CAPS).	10/13/2017	Other MFSIS team members have been brought up to speed and are absorbing necessary duties. Relying on Child and Family Services to assist in defining requirements and Northrop Grumman for CAPS system related information.	TBD	TBD
Loss of SITSD Product Owner and QA Tester	12/15/2017	Both roles that previous staff member held have been filled. Staff is becoming acquainted with MFSIS.	None	None
SITSD Staff off for extended period of time. There were two developers out of the office for two months	10/15/2017	Development slowed down a bit, but now that we are fully staffed again we are seeing an	None	None

(October-December) and another for one month (December-January).		increase in development.		
Continued discovery of new requirements	Ongoing	See below	TBD	TBD

**Add additional comments**

An additional contributing factor of the percentage complete not fully reflecting the work that is being done, is the continued identification of new requirements/user stories. The identification of new user stories does not result in additional Sprints but does affect the work that must be included in the Sprints already identified. This expansion of scope is a risk, and requires more development within the same target schedule, resulting in a smaller increase in overall project progress (because scope is increasing but project velocity is remains unchanged). The end result is a reduction in CPI, where we are spending more budget than planned, due to the need to do more development in the same time frame.

Since November 1, 2017 we have completed 4 Sprints with a total of 259 user stories and 64 bug fixes. This number is lower than the average which is usually closer to 100 user stories completed per sprint. There are a couple of significant factors for the lower number during this time. One of which is the change in MFSIS team members and the other is that in late October the initial load of report data from CAPS into MFSIS. This was a huge effort and was the priority for several weeks to review and verify these records.

While we continue to add new user stories, we are also prioritizing these user stories and defining which are essential to be completed to implement Phase I. The requirements that are not a necessity for go-live will be developed and addressed in future phases.

**Supplemental Report**  
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<b>Project Information</b>	
Agency	Legislative Branch
Project Title	Legislative Session Systems Replacement Project
Current Date	2/20/2018
Sponsor	Susan Fox
Project Manager	Susan Murray
Overall Health	Green
Brief Description of Current Project Status	Project is on schedule and within scope
Major Milestones Completed	Mainframe Migration, Bill Draft Management, Case Notes and Annotations System, Montana Code Annotated (MCA) infrastructure upgrade and full xml tagging, , MCA on the web, Enhanced Publication workflow, Re-engineered Codification process and automation workflow system.
Next Milestone(s)	Infrastructure Upgrade, Committee Automation, Bill Drafting Detailed Design

<b>List all issues, risks, scope changes, schedule changes, budget changes, etc.</b>				
<b>Issues and Risks</b>	<b>Date Identified</b>	<b>Planned Resolution and/or Mitigation</b>	<b>Schedule Impact (Weeks)</b>	<b>Budget Impact (Amount)</b>
Full To-Be Analysis for Chamber, Bill Draft Editor, and Committee, Forms and Reports, and Website	7/26/2016	Click or tap here to enter text.	Completed Mar 17	\$553,000
Committee Automation and Infrastructure Upgrade	4/3/2017		UAT started Feb 18, Go Live Mar 18	\$579,450
Staff Augmentation for Development and Dev/Ops	4/3/2017	Click or tap here to enter text.	Augmentation Ends Feb 18	\$339,490
Bill Drafting Editor Detailed Design	6/5/2017	Click or tap here to enter text.	Completed Feb 18	\$333,100

<b>Add additional comments</b>
<p>The scope of this project was identified in the RFP. The original contract with Propylon identified the prioritized phases for the first contract period. As the project has hit major milestones, we have identified and contracted for additional phases that were not in the first contract although included in the scope of the project. Phases under contract to date will all be completed by the end of the warranty period of the original contract. Additional contract amendments are expected to complete the scope of the entire project.</p> <p>Staff Augmentation was required to maintain and continue to develop the new system until in-house staff can support through critical periods. In-house staff has received training and will continue to train and work concurrently with the contractor on the project and will be prepared to assume support of the new system upon project completion.</p>

**Post-Implementation Report**  
 Legislative Finance Committee  
 Revised December 19, 2017

Instructions: A Post-Implementation Report is required six months after the project delivery date to verify the project has fulfilled its original objectives, that all components are fully implemented, and that the system is performing as expected after production implementation. Please report any issues and risks encountered after the project delivery date.

Project Information	
Agency	Transportation
Project Title	RSS (Aerial Photography)
Current Date	1/22/2018
Sponsor	Dwane Kailey
Project Manager	Aaron Dennis
Project Delivery Date	8/15/2017
Appropriated Budget Amount	\$1,193,469.00
Total Project Cost	\$1,193,469.00
Expected Ongoing Annual Cost	\$51,418
Year the Ongoing Annual Cost Began	2017
Funding Sources for Ongoing Cost	State Special Revenue
Primary Project Goal(s)	<ol style="list-style-type: none"> <li>1. Increase imagery quality by replacing analog aerial camera with digital remote sensing system</li> <li>2. Streamline imagery workflow by incorporating seamless technology from image capture through image delivery</li> </ol>

List the key project objectives, metrics used to measure objectives, and final metric results		
Key Objectives	Metric Used	Metric Results
Eliminate reliance on film for analog film camera	Replacement of analog film camera with digital remote sensing system	digital remote sensing system purchased and placed into production
Eliminate reliance on unsupported high-resolution scanner to convert film imagery to digital consumable	Consumable digital imagery produced by remote sensing system	High resolution scanner taken out of service
Eliminate manual flight planning processes	Incorporate automated flight planning technology	Manual flight planning eliminated
Increase window of opportunity for image acquisition	Ability to acquire imagery in months outside of current April through September timeframes	Imagery acquisition now occurs from March through October.
Provide color digital imagery to customers	High quality color digital imagery produced	Remote sensing system produces high quality color imagery for consumption

Describe post-implementation issues, risks, mitigation measures, resolution dates, and status			
Issues and Risks	Resolution and/or Mitigation Measures	Resolution Date	Status
none	Click or tap here to enter text.	Click or tap to enter a date.	Click or tap here to enter text.

Add additional comments
None

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Project Information	
Agency	Teachers' Retirement System
Project Title	M-Trust Enhancements
Current Date	2/15/2018
Sponsor	Shawn Graham
Project Manager	Jane Fournier
Overall Health	Yellow
Brief Description of Current Project Status	The project comprises fourteen enhancement packages each with its own development and delivery schedule. Two of the enhancement packages have been delivered, one is 92% complete, and two are in development.
Major Milestones Completed	Five of a total of twenty-eight major milestones have been completed and delivered.
Next Milestone(s)	Completion of the following three deliverables later this month: <ul style="list-style-type: none"> <li>- Retired Payroll Enhancements - Release C</li> <li>- Online Beneficiary Designation for UAT</li> <li>- Annual Processing Enhancements for UAT</li> </ul>

List all issues, risks, scope changes, schedule changes, budget changes, etc.				
Issues and Risks	Date Identified	Planned Resolution and/or Mitigation	Schedule Impact (Weeks)	Budget Impact (Amount)
Development Team Size: The size of AMA development team is limited because of the specialized business knowledge needed to work most effectively, and with least impact on TRS, to complete the enhancements making up the project scope.	1/17/2017	Schedule/Planning: Project schedule allocates development resources at 70% to allow for schedule adjustments. Acceptance: TRS accepts the risk posed by the small team because of the business advantage to TRS. Schedule is monitored weekly and corrections made where necessary.	Click or tap here to enter text.	\$0.00
TRS Team Size: TRS is a small organization with a critical mission and fiscal responsibility. Availability of business experts for project work is	1/17/2017	Schedule/Planning: Schedule plans around known workload demands. Staffing: TRS has increased staffing levels	Click or tap here to enter text.	\$0.00

sometimes limited by the business workload and staff turnover.		in order to devote resources to the project.		
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**Add additional comments**

The project comprises a number of enhancement packages each focusing on a different business function. Each enhancement package has its own development lifecycle of design and development, user test, and implementation. Each package is divided into two major invoice deliverables which also make up the major milestones for the project. Each deliverable represents 50% of the package and a package is only ever 0, 50, or 100 percent complete.

At the time of reporting, the project is anticipating completion of three major deliverables before the end of February 2018. These deliverables represent 8.09 percent of the project's full scope. Because TRS does not record the percent completion for a deliverable until delivery, work accomplished toward these deliverables is not reflected in the project report. However, TRS has accrued internal resource and external contractor costs for these modules which are included in the total Actual Cost. This disparity is the major contributor to the current cost performance indicator of 0.91.