Agency Information Technology Plan

Agency

Office of Public Instruction

Mission

Putting Montana Students First

	Agency Goal/Objective	**State Strategic Plan Goal/Objective Reference**
Goal One:	Enhance Our Data Collection, Reporting and Analytics Capabilities	Goal 4– Unified Digital Government (Enterprise Smart)
Objective One:	Redeploy GEMS on modern platform	Goal 4– Unified Digital Government
Objective Two:	Renegotiate statewide SIS contract to include more functionality	Goal 4– Unified Digital Government
Objective Three:	Implement a statewide analytics solution	Goal 4– Unified Digital Government
Objective Four:	Implement multi-state standard data warehouse structure for reporting	Goal 4– Unified Digital Government (Enterprise Smart)
Objective Five:	Implement v1 data reporting api	Goal 4– Unified Digital Government (Enterprise Smart)

☑ Add Goal

	Agency Goal/Objective	**State Strategic Plan Goal/Objective Reference**
Goal Two:	Deploy Capable and Sustainable Systems	Goal 2 – Optimization of shared services and support (Collaborate Smart) Goal 4– Unified Digital Government (Enterprise Smart)
Objective One:	Migrate and fully commit agency to an enterprise platform (Google and/or O365)	Goal 2 – Optimization of shared services and support (Collaborate Smart) Goal 4– Unified Digital Government (Enterprise Smart)
Objective Two:	Migrate to state hosted gitlab instance for ci/cd purposes	Goal 2 – Optimization of shared services and support (Collaborate Smart) Goal 4– Unified Digital Government (Enterprise Smart)
Objective Three:	Migrate to completely configuration management driven server infrastructure	Goal 2 – Optimization of shared services and support (Collaborate Smart) Goal 4– Unified Digital Government (Enterprise Smart)
Objective Four:	Migrate all data collections to Infinite Campus where possible.	Goal 2 – Optimization of shared services and support (Collaborate Smart) Goal 4– Unified Digital Government (Enterprise Smart)
Objective Five:	All other "non-Infinite Campus" data collections should migrate from custom/high maintenance applications to as few enterprise, COTS and vendor supplied solutions as possible.	Goal 2 – Optimization of shared services and support (Collaborate Smart) Goal 4– Unified Digital Government (Enterprise Smart)

☑ Add Goal

	Agency Goal/Objective	**State Strategic Plan Goal/Objective Reference**
Goal Three:	Support Our People and Build Strong Teams	Goal 5 – Service First (Business Smart) Objective Four: Retain, Recruit, and Train
Objective One:	Migrate all job profiles to pay plan 25	Goal 5 – Service First (Business Smart) Objective Four: Retain, Recruit, and Train
Objective Two:	Provide training and professional development to all Data & Technology staff pertinent to their professions and crafts.	Goal 5 – Service First (Business Smart) Objective Four: Retain, Recruit, and Train
Objective Three:	Finalize transition to Data & Technology org structure from former separate IT and Measurement & Accountability Divisions.	Goal 5 – Service First (Business Smart) Objective Four: Retain, Recruit, and Train
Objective Four:		
Objective Five:		

☑ Add Goal

	Agency Goal/Objective	**State Strategic Plan Goal/Objective Reference**
Goal Four:	Improve Communications and Awareness	Goal 5 – Service First (Business Smart)
Objective One:	Migrate OPI website to new platform	Goal 5 – Service First (Business Smart)
Objective Two:	Deploy new collaboration platform to facilitate more remote interaction with customers	Goal 4– Unified Digital Government (Enterprise Smart)

	Agency Goal/Objective	State Strategic Plan Goal/Objective Reference
Objective Three:	Continue to improve the communication and awareness of data collection and reporting cycles (recurring events), the associated deadlines and calendars and instructional materials.	Goal 5 – Service First (Business Smart)
Objective Four:	Regular contributions to OPI Monthly Summary by the Data & Technology Division	Goal 5 – Service First (Business Smart)
Objective Five:	Further support and strengthen the OPI Digital Communications Team and products (films and videos and instructional technology deployments)	Goal 5 – Service First (Business Smart) Goal 4– Unified Digital Government (Enterprise Smart)

☑ Add Goal

	Agency Goal/Objective	**State Strategic Plan Goal/Objective Reference**
Goal Five:	Protect and Secure Information	Goal 3– Cybersecurity Enhancements and Strategy (Protect Smart)
Objective One:	Provide annual student record confidentiality and cybersecurity training for OPI staff	Goal 3– Cybersecurity Enhancements and Strategy (Protect Smart)
Objective Two:	Continue the development and improvement of the OPI's Data Governance program to become the institutional memory and decision-making body of the OPI in regards to data.	Goal 3– Cybersecurity Enhancements and Strategy (Protect Smart)
Objective Three:	Continue progress on ISSP	Goal 3– Cybersecurity Enhancements and Strategy (Protect Smart)
Objective Four:	Reduce the number of disparate logins and continue to move towards a single SSO	Goal 3– Cybersecurity Enhancements and Strategy (Protect Smart)
Objective Five:	Provide state-level support and resources to help schools and districts secure their data and system and support data privacy and security measures.	Goal 3– Cybersecurity Enhancements and Strategy (Protect Smart)

☑ Add Goal

	Agency Goal/Objective	**State Strategic Plan Goal/Objective Reference**
Goal Six:	Control Costs	Goal 1 – Fiscal Responsibility (Spend Smart)
Objective One:	Approach all projects with an Enterprise Services First, COTS Second, Build Third Approach	Goal 1 – Fiscal Responsibility (Spend Smart)
Objective Two:	Empower and train managers to be responsible stewards of their budgets.	Goal 1 – Fiscal Responsibility (Spend Smart)
Objective Three:	Empower and train Project Managers and Managers to become familiar and capable on state procurement processes, procedures and best practices.	Goal 1 – Fiscal Responsibility (Spend Smart)
Objective Four:		
Objective Five:		

Link to Agency Goals and Objectives

http://opi.mt.gov/Leadership/Management-Operations/Office-of-the-Superintendent

Information Technology Resources and Capabilities

Information Technology Resources

Summary of information technology resources:

Bureau / Unit Name	Number of FTE	Primary Function / Mission
Data & Technology Division	34	Provide technology and data management services and support to the OPI and Montana schools..

☐ Add Resource

Information Technology Capabilities

Summary of Systems:

☑ I have reviewed all of my agency's systems in Assurance CM and certify that it is accurate.

Summary of Hardware:

Total Number of Appliances (Devices designed for internet access and specialized business use, but without capabilities of a fully-equipped server. Can be physical or virtual. Include all chassis, tape systems, firewalls, switches, KVM's, and USB anywhere devices.)

6

Total Number of Physical Servers (Include physical servers used for virtualization. Do not include equipment hosted by SITSD.)

0

Total Number of Virtualized Servers (Do not include equipment hosted by SITSD.)

0

Total Usable Storage Space (SANs and NASs. Do not include storage hosted by SITSD.)

0

Device Type (Including, but not limited to desktops, laptops, mobile devices, printers, cameras, etc.)	**Quantity**	**Estimated Replacement Value**
Desktops	189	$151,200
Laptops	175	$157,500
Printers	34	$35,000

Information Technology Projects

Project Name

Administrative Review and Training (ART) Grant Projects

Division

Health Enhancement

Project / Program purpose and objectives

School Nutrition Programs IT systems and process modernization, integration, streamlining

State Strategic Plan Goal/Objective Reference

Goal 2/Objective One: Automate

Estimated start date

7/15/2019

Estimated delivery date

6/30/2023

Estimated cost

$1,549,279

HB 10 Request

No

Funding Source 1	**Funding Source 1 Amount**
USDA FNS ART Grant	$1,549,279

Funding Source 2	**Funding Source 2 Amount**

Funding Source 3	**Funding Source 3 Amount**

Annual costs upon completion

Variable, fund is budgeted to be exhausted by end of grant term June 30, 2022

Status of the project as of March 31, even numbered years. Indicate % completed and status of funds expended.

Status of the project as of March 31, 2020: Executing % completed: 5% Funds expended: $35,152

☑ Add Project

Project Name

Technology Innovation Grant (CNTI) Projects

Division

Health Enhancement

Project / Program purpose and objectives

School Nutrition Programs IT systems and process modernization, integration, streamlining

State Strategic Plan Goal/Objective Reference

Goal 2/Objective One: Automate

Estimated start date

9/30/2017

Estimated delivery date

9/30/2020

Estimated cost

$ 1,537,470

HB 10 Request

No

Funding Source 1	**Funding Source 1 Amount**
USDA FNS CNTI Grant	$ 1,537,470

Funding Source 2	**Funding Source 2 Amount**

Funding Source 3	**Funding Source 3 Amount**

Annual costs upon completion

Variable, fund is budgeted to be exhausted by end of grant term September 30, 2020

Status of the project as of March 31, even numbered years. Indicate % completed and status of funds expended.

Status of the project as of March 31, 2020: Executing % completed: 90% Funds expended: $991,141

☐ Add Project

Agency Contact Information

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