Department of Agriculture

AGENCY INFORMATION TECHNOLOGY PLAN

2018

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Mission, Goals, and Objectives

Agency information technology mission, goals, and objectives (2-17-524(1)(a)(b), MCA).

Mission	The Department of Agriculture will evaluate, implement, and maintain innovative technologies that support its mission "to protect producers and consumers, and to enhance and develop agriculture and allied industries," while maximizing return on resources and delivering cost effective means for citizens, businesses, and others to easily access information and conduct business with the Department.

		State Strategic Plan Goal/Objective Reference	Agency Goal/Objective Reference
Goal One	Standardize	Goals 1 and 6	CSD Objective 5
Objective One	Improve IT governance, guidelines, and standards	Objective 1.1	CSD Objective 1
Objective Two	Optimize IT resource and development frameworks	Objective 6.1	CSD Objective 5
Objective Three	Implement comprehensive IT inventory management system	Objective 6.1	CSD Objective 5

		State Strategic Plan Goal/Objective Reference	Agency Goal/Objective Reference
Goal Two	Modernize	Goals 2 and 3	CSD Objective 5
Objective One	Upgrade legacy applications and systems	Objective 3.1	CSD Objective 5
Objective Two	Enhance worker mobility and accommodation by implementing modern remote access technologies and remotely accessible applications	Objectives 2.1 and 3.1	CSD Objective 5
Objective Three	Evaluate Virtual Desktop Infrastructure (VDI) and Unified Workspace (UW). Implement where beneficial	Objectives 2.2 and 3.2	CSD Objective 5

		State Strategic Plan Goal/Objective Reference	Agency Goal/Objective Reference
Goal Three	Secure	Goals 1 and 4	CSD Objective 5

Objective One	Review system security plans for all critical information systems	Objectives 1.4 and 4.3	CSD Objective 5
Objective Two	Conduct Risk Assessments on all critical information systems	Objectives 1.4 and 4.3	CSD Objective 5
Objective Three	Continue to develop IT Security Program	Objectives 1.2 and 1.4	CSD Objective 5

		State Strategic Plan Goal/Objective Reference	**Agency Goal/Objective Reference**
Goal Four	Digitize	Goal 4	CSD Objective 5
Objective One	Implement workflow and document management system	Objective 4.6	CSD Objective 5
Objective Two	Implement digital signature system	Objective 4.6	CSD Objective 5

Link to Agency Goals and Objectives	http://agr.mt.gov/Goals

Resources and Capabilities

Current information technology resources and capabilities (2-17-524(1)(c)(d), MCA).

Information Technology Resources

Summary of information technology resources:

Bureau / Unit Name	Number of FTE	Primary Function / Mission
Central Services Division, Office of Information Technology	4	OIT provides operational and strategic support for all IT services in the department

Information Technology Capabilities

Summary of Systems:

Name	Description	Purpose
MTPlants	Agriculture licensing and product registration system	An online system that manages the core function of the Department's capacity as a regulatory agency, agriculture licensing and product registration
LabWorks	Laboratory Information Management System	LIMS system to support the data tracking and informatics needs of the Department's Analytical Laboratory
Hail	Crop hail damage insurance management system	Tracking and reporting system for the State Hail Insurance Program
AgTrax TraxView	Grain inspection, grading, and certification system	Tracking and reporting system for the State Grain Lab
ExamHand eZam	Grain silo and warehouse examination and audit software	Software used to inspect, examine, and audit state-licensed grain elevators
GWMP	Groundwater Monitoring Program data management system	Database used to track data related to the Groundwater Monitoring Program
Microsoft Access (Various)	Various custom databases	Used to track information like contacts, Seed Potato assessment program data, and pesticide container disposal and recycling info.
WebGrants (FundingMT.org)	Grant Management System	Used by several programs in seven agencies (and counting), WebGrants manages grant and loan submissions, awards, and tracking.

Summary of Hardware:

Appliances: Devices designed for internet access and specialized business use, but without capabilities of a fully-equipped server. Appliances can be physical or virtual. Include all chassis, tape systems, firewalls, switches, KVM's, and USB Anywhere devices. Do not include appliances hosted by SITSD.

Total Number of Appliances	0

Physical Servers: Include physical servers that are used for virtualization. Do not include servers hosted by SITSD.

Total Number of Physical Servers	3

Virtualized Servers: Do not include servers hosted by SITSD.

Total Number of Virtualized Servers	3

Storage: SANs and NASs. Do not include storage hosted by SITSD.

Total Usable Storage Space	16.3 TB

Devices: Currently in service including, but not limited to desktops, laptops, mobile devices, printers, cameras, etc.

Device Type	Quantity	Estimated Replacement Value
Desktops	82	$71,500
Laptops	51	$81,600
Mobile Devices (tablets, phones, etc.)	30	$67,700
Printers	18	$45,000
Cameras	2	$3,000

Projects

Agency information technology projects (2-17-524(1)(e)(f)(2), MCA).

Agricultural Licensing System		
Agricultural Sciences Division		
Project / Program purpose and objectives	Upgrade existing Licensing and Registration system to allow web-based licensing, registrations, inspections and enforcement activities, including e-commerce and mobile access.	
IT Goal and Objective Reference	Goal two, Objective One	
Estimated start date	4/29/2012	
Estimated delivery date	6/30/2018	
Estimated cost	$1,180,763	
HB 10 Request	No	
Funding source one	State Special Revenue	100%
Funding source two	Funding Source	Amount Allocated
Funding source three	Funding Source	Amount Allocated
Annual costs upon completion	$26,450	
Status of the project as of **March 31, 2018**. Indicate % completed and status of funds expended.	Three phases complete with multiple programs implemented. Currently re-evaluating requirements (re-gap) for Phase 4.0. 76% Complete with $901,484 expended.	

Contact Information

Agency Director / Administrator

Name	Benjamin Thomas
Phone Number	(406) 444-5440
Email Address	Benjamin.Thomas@mt.gov
Mailing Address	PO BOX 200201, Helena, MT 59620-0201

Information Technology Contact (CIO / IT Manager)

Name	Sky Foster
Phone Number	(406) 444-2943
Email Address	SkyFoster@mt.gov
Mailing Address	PO BOX 200201, Helena, MT 59620-0201

Information Security Manager

Name	Sky Foster
Phone Number	(406) 444-2943
Email Address	SkyFoster@mt.gov
Mailing Address	PO BOX 200201, Helena, MT 59620-0201