TEACHERS' RETIREMENT SYSTEM

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	To develop and maintain scalable, sustainable technology solutions to support the Teachers' Retirement System mission.

		State Strategic Plan Goal/Objective Reference	Agency Goal/Objective Reference
Goal One	Increase efficiency and productivity of TRS primary line of business	Goal 3: State-of-the-Art Goal 6: Cost-Effectiveness	Goal 1
Objective One	Phase-3 enhancement of the TRS pension management software system, M-Trust, to increase functionality and automate manual processes. This is currently in process.	Objectives 3.1, 6.1	Goal 1
Objective Two			
Objective Three			

		State Strategic Plan Goal/Objective Reference	Agency Goal/Objective Reference
Goal Two	Improve and increase TRS member services available online	Goal 3: State-of-the-Art	Goal 1
Objective One	Enhance member portal, MyTRS, to provide online member services traditionally only available via paper form processes. This is currently in process.	Objectives 3.1	Goal 1/Objective 1
Objective Two	Phase-3 enhancement of the TRS pension management software system, M-Trust, to incorporate online form data submission. This is currently in process.	Objectives 3.1	Goal 1/Objective 1
Objective Three			

		State Strategic Plan Goal/Objective Reference	Agency Goal/Objective Reference
Goal Three	Increase accessibility, availability and security of TRS critical records data	Goal 1: Secure Goal 4: Capacity	Goal 1
Objective One	Digitize TRS archived critical documents: convert documents currently stored on physical media (paper, micro-file, micro-fiche) to digital format. This effort is ongoing.	Objectives 4.6	Goal 1/Objective 1
Objective Two	Commit converted digital documents to TRS's enterprise content management system. This effort is ongoing.	Objectives 1.1, 4.6, 4.7	Goal 1/Objective 1
Objective Three			

Link to Agency Goals and Objectives	http://doa.mt.gov/About-Us/GoalsAndObjectives

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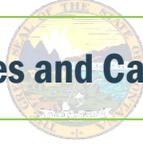
Current information technology resources and capabilities (2-17-524(1)(c)(d), MCA).

Information Technology Resources

Summary of information technology resources:

Bureau / Unit Name	Number of FTE	Primary Function / Mission
IT Department	4	Information systems management

Information Technology Capabilities

Summary of Systems:

Name	Description	Purpose
M-Trust	PROD, STAGING, TEST & DEV environments: PROD (TRSHLN0015 – Windows Server 2008 R2; TRSPRD – Oracle 11g) STAGING (TRSHLN0017 – Windows Server 2008 R2; TRSSTG – Oracle 11g) TEST (TRSHLN0012 – Windows Server 2008 R2; TRSTST – Oracle 11g) DEV (TRSHLN0014 – Windows Server 2008 R2; TRSDEV – Oracle 11g)	Web-based pension management software system.
TRS.mt.gov	PROD, STAGING, TEST & DEV environments: PROD (TRSHLNCFOLI – Windows Server 2008 R2) STAGING (TRSHLN0018 – Windows Server 2008 R2) TEST (TRSHLN0013 – Windows Server 2008 R2) DEV (TRSHLN0016 – Windows Server 2008 R2)	Web site and TRS member online portal
File Server	TRSHLN0004 – Windows Server 2008 R2	TRS file server
File Net	TRSHLN0005 – Windows Server 2008	Enterprise content management
VMware View	TRSHLN0007A – Windows Server 2012 R2	VMware View/VDI server
TRS Services	TRSHLN0002 – Windows Server 2008 R2	Web application server
Subversion	TRSHLN0006 – Windows Server 2012 R2	Source code repository

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	0

Virtualized Servers: Do not include servers hosted by SITSD.

Total Number of Virtualized Servers	0

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

Total Usable Storage Space	0

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

Device Type	Quantity	Estimated Replacement Value
Desktops – VDI host	21	$450/ea
Desktops	8	$1200/ea
Laptops	4	$1200/ea
Mobile Devices (tablets, phones, etc.)		
Printers	11	$325/ea
Cameras	1	$1200
Scanners - production	2	$4000/ea
Scanners - desktop	2	$800/ea
Projectors	1	$1500

Projects

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

M-Trust Enhancements		
TRS		
Project / Program purpose and 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 auditibility.	
IT Goal and Objective Reference	IT Goal 1, Objective 1	
Estimated start date	1/17/2017	
Estimated delivery date	1/10/2019	
Estimated cost	1,281,010	
HB 10 Request	No	
Funding source one	Teachers' Retirement System	1,281,010
Funding source two	Funding Source	Amount Allocated
Funding source three	Funding Source	Amount Allocated
Annual costs upon completion		
Status of the project as of **March 31, 2018**. Indicate % completed and status of funds expended.	52% complete; $566,059 funds expended	

Project Name		
Division		
Project / Program purpose and objectives		
IT Goal and Objective Reference		
Estimated start date	Click or tap to enter a date.	
Estimated delivery date	Click or tap to enter a date.	
Estimated cost		
HB 10 Request	Choose an item.	
Funding source one	Funding Source	Amount Allocated
Funding source two	Funding Source	Amount Allocated
Funding source three	Funding Source	Amount Allocated
Annual costs upon completion		
Status of the project as of **March 31, 2018**. Indicate % completed and status of funds expended.		

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