Report Title: IT Strategic Plan Summary

Agency: 146 The Science Museum of Virginia   **Date:**   4/4/2017

Current Operational IT Investments

In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 5 years. This section should align with identified Business Requirements for Existing Technology (BReTs). At minimum, please address the following questions in your description of your agencys strategy for managing existing operational IT investments:

Are there existing IT investments that will require additional funding over the next year to 5 years, such as license renewals, re-competition of current IT contracts, or system enhancements required by the Agency Strategic Plan?

If there are systems that will no longer support the agencys business needs, either through poor performance or excessive cost, how does IT leadership in the agency plan to address the issues?

If the agency does not have the staff or funding to meet increasing demand for IT services, how will IT leadership fulfill the requests?

The mission of the Science Museum of Virginia is to inspire Virginians to enrich their lives through science. SMV is a catalyst for inspiration, a place that sparks curiosity and generates ideas in science, technology, engineering, and mathematics (STEM). Through hundreds of experiential exhibits, awe-inspiring artifacts and interactive technologies, the Museum presents dynamic science programming to hundreds of thousands of guests each year. SMV greatly relies on technology to help accomplish our mission, we house hundreds of custom pieces of software and unique hardware platforms. We have everything from drain water retention sensors to the most advanced dome system in the world all managed over an isolated exhibits network.

Factors Impacting the Current IT

In this section, the agency will describe the changes in their business environment that will require or mandate changes to the agencys current IT investments. These are requirements and mandates from external sources, such as other agencies or business partners, the agencys customer base, product and service providers, or new federal or state legislation or regulations. The agency must identify the business value of the change, any important deadlines that must be met, and the consequences if the deadlines are not met. In your discussion, be sure to note whether the proposed enhancements are funded or not. If the agencys existing current IT investments will not need enhancement due to requirements or mandates from external sources in the foreseeable future, the agency should enter the following text rather than leave the Factors Impacting the Current IT section blank

For each mandated change, summarize your agencys response from your Agency Strategic Plan, and is it the opinion of agency IT leadership that the IT portion of the response is adequately funded?

Do the mandated changes effect IT in other Commonwealth agencies, or in other states? If so, how?

SMVs primary mission has not changed. SMV still features permanent exhibitions about speed, space, health, electricity, and the earth—to name a few—and hosts visiting exhibitions from around the world. The Dome theater, at 76 feet, is the largest screen in Virginia and provides guests with the ultimate immersive experience. SMV provides daily classes, science demonstrations, public meetings, facility rentals, professional lectures, live animals and more.
Please address the following:
IT INFRASTRUCTURE TRANSITION - SMV is primarily a remote user of the COV infrastructure. We anticipate minimal impact for the transition.
SECURITY SHARED SERVICES - SMV opted in to utilize commonwealth security services to be compliant.

CLOUD APPLICATION HOSTING - SMV currently does not develop any applications, future applications

will be cloud based.

INTERNET UTILIZATION - Shared services response time when SMV accesses these applications is less than desirable.

Proposed IT Solutions

In this section, describe the high-level strategy the agency will use to initiate new IT investments over the next year to 5 years in support of the agency strategic objectives documented in your Agency Strategic Plan. The agency does not need to consider specific technologies at this time, however, the strategy should identify how the IT implementation will provide business value to the organization. This section should align with identified Business Requirements for New Technology (BRnTs). At minimum, please address the following questions in your description of your agencys strategy for initiating new IT investments:

What are the most important solutions, based on the priority assigned to the requirements by the business sponsors in your agency, and what is the approach to achieving these priority solutions?

If any new IT initiatives will be started in the upcoming budget biennium, is it the opinion of agency IT leadership that it is adequately funded?

Does the agencys current IT staff have the appropriate skill set needed to support future agency technologies? If not, what skill sets need to be acquired?

If the agency will be engaged in multiple new IT initiatives, how will agency IT staff and agency subject matter experts be used across the initiatives?

In 2017 SMV will open a new event center to host high-end exhibitions and facility rentals. These major initiatives are all Capital Project investments and no IT investment funding is anticipated. SMVs mission is to inspire Virginians to enrich their lives through science. SMV primarily uses a mixture of physical hands-on exhibits, dome shows, classes and demos to help fulfill reach this goal. SMV currently has no new initiatives that impact IT investments and current staffing levels are adequate for existing plans.

Report Title: Strategic Plan

Agency: The Science Museum of Virginia   **Date:**   **4/4/2017**

Current IT Services

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Projected Service Fees	$48,250	$11,000	$45,000	$11,000
VITA Infrastructure Changes	$0	$0	$0	$0
Estimated VITA Infrastructure	$48,250	$11,000	$45,000	$11,000
Specialized Infrastructure	$0	$0	$0	$0
Agency IT Staff	$27,000	$27,000	$27,000	$27,000
Non-agency IT Staff	$0	$0	$0	$0
Cloud Computing Service	$0	$0	$0	$0
Other Application Costs	$0	$0	$0	$0
Total	$75,250	$38,000	$72,000	$38,000

Proposed IT Investments

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Major IT Projects	$0	$0	$0	$0
Non-Major IT Projects	$0	$0	$0	$0
Agency-Level IT Projects	$0	$0	$0	$0
Major Stand Alone IT Procurements	$0	$0	$0	$0
Non-Major Stand Alone IT Procurements	$0	$0	$0	$0
Agency-Level Stand Alone IT Procurements	$23,000	$19,000	$23,000	$19,000
Procurement Adjustment for Staffing	$0	$0	$0	$0
Total	$23,000	$19,000	$23,000	$19,000

Projected Total IT Budget

Category	Costs Year 1		Costs Year 2		
	GF	NGF	GF	NGF	Total Costs
Current IT Services	$75,250	$38,000	$72,000	$38,000	$223,250
Proposed IT Investments	$23,000	$19,000	$23,000	$19,000	$84,000
Total	$98,250	$57,000	$95,000	$57,000	$307,250

Report Title: Business Requirements For Technology		
Agency:	The Science Museum of Virginia (SMV)	**Date:** 4/4/2017

BRet SMV Audit Assesment	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	12/15/2014
Mandate:	Yes
Mission Critical:	
Description:	
ORI responses to overall Audit Assessment	

BReT SMV COV IT Infrastructure Transition	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	9/21/2016
Mandate:	No
Mission Critical:	
Description:	

The Commonwealth is transitioning to a multi-supplier model for IT Infrastructure. This BRT outlines the infrastructure an agency will need to plan and test in support of the transition.
End user computing BReT :
<SMV> has <27> number of desktops and <0 number of laptops > 0 number of laptops and <0 number of network printers> network printers which will need to be migrated.

Data networks BReT :
<SMV has their own network, but will need to test the interfaces into the COV network.>

Security Services BReT:
To meet Commonwealth Security requirements, <SMV> will engage VITA's Shared Security Services/procure outside security services from an outside vendor utilizing DPB funds >.

Internet Usage BReT:
<SMV> projects that internet usage will remain the same.

BRet SMV Risk Assesment	
BRT Type:	Business Requirement for Existing Technology
Date Submitted:	12/15/2014
Mandate:	Yes
Mission Critical:	
Description:	
Response to ORI overall Risk Assessment	

Report Title: Appendix A 16 - 18 Report

Agency: The Science Museum of Virginia (SMV)   **Date:**   4/4/2017

Agency Head Approval: No

There are no Category 1, 2, or 3 IT Projects and no Budget Category: Major IT Projects for this agency.

Report Title: Appendix A 16 - 18 Report

Agency: The Science Museum of Virginia (SMV)

Date: 4/4/2017

Agency Head Approval: No

There are no major procurements for this agency.