

## Report Title: IT Strategic Plan Summary

Agency: 218 Virginia School for the Deaf and the Blind -  
Staunton

### 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 agency's 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 agency's 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 agency will require funding over the next 6 years to implement, maintain, and refine information security controls for its operations to address current and emerging threats and vulnerabilities in our IT environment. The school has developed an Information Security Strategic Plan that was accepted by our Board of Visitors in December 2016. As detailed in Commonwealth of Virginia regulatory requirements for information security and as stipulated in our Information Security Strategic Plan, VSDB needs to develop and implement an information security program compliant with the Commonwealth's standard (SEC501-09.1).

### 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 agency's current IT investments. These are requirements and mandates from external sources, such as other agencies or business partners, the agency's 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 agency's 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 agency's 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 affect IT in other Commonwealth agencies, or in other states? If so, how?***

Information Security is a mandated requirement from the General Assembly with delegated oversight the Virginia Information Technologies Agency. Additionally, data protection requirements for protected healthcare information and student information, reinforce the need for a strong information security program. As such, VSDB must have a robust information security program focused on maintaining the schools' security controls. VSDB does not have staff or resources available to meet these regulatory requirements.

Please address the following:

IT INFRASTRUCTURE TRANSITION - VSDBS is part of the COV network and also has a guest network for educational use. VSDBS will need to plan and test the messaging transition for our central administration office that uses the COV network.

SECURITY SHARED SERVICES - VSDBS is contracting with a consultant to complete the agency risk and audit assessments.

CLOUD APPLICATION HOSTING - VSDBS applications are primarily cloud applications for educational and administrative use.

INTERNET UTILIZATION - VSDBS does not anticipate additional internet utilization for administrative purposes on the COV network.

### **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 agency's 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 agency's 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?***

The agency does not have the current staff and resources to develop and implement the information security program and supporting IT strategies as needed. It is our plan to contract with external experts to establish and assist the schools Information Technology Manager with full program implementation until future resourcing strategies for ongoing program management and enhancements can be determined.

# Report Title: Strategic Plan

**Agency:** Virginia School for the Deaf and the Blind - Staunton

## Current IT Services

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Projected Service Fees	\$115,996	\$8,263	\$119,476	\$8,511
VITA Infrastructure Changes	\$0	\$0	\$0	\$0
Estimated VITA Infrastructure	\$115,996	\$8,263	\$119,476	\$8,511
Specialized Infrastructure	\$0	\$0	\$0	\$0
Agency IT Staff	\$0	\$0	\$0	\$0
Non-agency IT Staff	\$0	\$0	\$0	\$0
Cloud Computing Service	\$0	\$0	\$0	\$0
Other Application Costs	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$115,996</b>	<b>\$8,263</b>	<b>\$119,476</b>	<b>\$8,511</b>

## 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	\$100,000	\$0	\$100,000	\$0
Procurement Adjustment for Staffing	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>

## Projected Total IT Budget

Category	Costs Year 1		Costs Year 2		Total Costs
	GF	NGF	GF	NGF	
Current IT Services	\$115,996	\$8,263	\$119,476	\$8,511	\$252,247
Proposed IT Investments	\$100,000	\$0	\$100,000	\$0	\$200,000
<b>Total</b>	<b>\$215,996</b>	<b>\$8,263</b>	<b>\$219,476</b>	<b>\$8,511</b>	<b>\$452,247</b>



**Report Title: Business Requirements For Technology**

**Agency:** Virginia School for the Deaf and the Blind-Staunton (VSDBS)

**BRet - VSDB - 2014-16 Existing software and services used in operating School in guest network**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	2/17/2015
<b>Mandate:</b>	No
<b>Mission Critical:</b>	

**Description:**

Existing software and services used in operating School in guest network

**BRet - VSDB 2014-16 - Schooldude**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	
<b>Mandate:</b>	No
<b>Mission Critical:</b>	

**Description:**

The School at VSDB found itself in need of a preventive maintenance, work order, and inventory control system to replace the ad hoc collections of spreadsheets and obsolete software that were inadequately filling this need.

Not wanting to incur the overhead and cost of a local or colocated server the Administration settled upon Schooldude.com as a cloud-hosted solution.

From the Schooldude.com website:

"Founded in 1999, SchoolDude has served as the market leader in education enterprise asset management for the past 13 years with over 1 million education professionals using our platform. We deliver cloud-based applications that help both small and large institutions better manage their facilities, IT and business operations. We help clients save time and money by managing support services effectively and efficiently, allowing institutions to provide a safe teaching and learning environment. Today, we're the #1 provider of cloud solutions for public and private schools, colleges and universities."

**BRet End of Lfie 2008 Server VSDBS**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	8/30/2017
<b>Mandate:</b>	
<b>Mission Critical:</b>	

**Description:**

Agency will create a mitigation plan to address End of Life 2008 servers.

<b>BReT VSDB COV IT Infrastructure Transition</b>	
<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	9/23/2016
<b>Mandate:</b>	No
<b>Mission Critical:</b>	
<b>Description:</b>	
<p>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.</p> <p>Messaging BReT:  VITA is initiating disentanglement from NG messaging services in 2016. Messaging Services for email, enterprise collaboration services, and mobile device management are required for 14 users in our agency. We also have 0 applications that have hooks into messaging services which will need to be tested. Workplace Collaboration Services (VITA provided SharePoint) VSDBS does not use WCS SharePoint. We have 0 applications serviced via AirWatch which will need remediation.</p> <p>Server/storage (including housing of equipment) BReT:  VITA is initiating disentanglement from NG servers and storage. VSDBS has 2 physical servers in house that need to be tested during this transition. One application will be affected by this move and will need to be tested.</p> <p>Authentication/directory services BReT:  VSDBS has one application applications which will need to be migrated and tested during the authentication/directory services transition. Number of users 14 internal and 0 external users!</p> <p>End user computing BReT :  VSDBS has 14 desktops and 2 network printers which will need to be migrated.</p> <p>Data networks BReT :  VSDBS has 1 mpls network which will need to be migrated.</p>	
<b>BRnT - VSDB - Outside Audit/Risk Assessment</b>	
<b>BRT Type:</b>	Business Requirement for New Technology
<b>Date Submitted:</b>	
<b>Mandate:</b>	Yes
<b>Mission Critical:</b>	
<b>Description:</b>	
<p>VSDB is among the small agencies that find themselves in need for specialist help in fulfilling the Audit, Risk Assessment, BIA requirements of the IT Security Standard. VSDB recognizes the importance of meeting the requirement and takes the matter very seriously. However, VSDB requires outside assistance in completing this requirement. Given that VSDB seeks to have a complete Audit, RA, and BIA conducted by an external firm.</p>	

Report Title: Appendix A 18 - 20 Report

**Agency:** Virgina School for the Deaf and the Blind-  
Staunton (VSDBS)

**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 18 - 20 Report

**Agency:** Virgina School for the Deaf and the Blind-  
Staunton (VSDBS)

**Agency Head Approval:**

No

There are no stand alone major procurements for this agency.