

# Report Title: IT Strategic Plan Summary

Agency: 157 Compensation Board

## 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 mission of the Compensation Board is to determine a reasonable budget for the participation of the Commonwealth toward the total cost of office operations for Constitutional Officers, and to assist those officers and their staff through automation, training and other means, to improve efficiencies and to enhance the level of services provided to the citizens of Virginia. The Compensation Board utilizes two major automated systems, an agency website, and several web-based systems in the fulfillment of its mission.

COIN System: The COIN system is the agency's largest and oldest IT investment. Although the system is barely keeping up with the agency's needs, it is comprised of outdated/obsolete mainframe-based technology (COBOL, CICS, DB2) and is cumbersome for our state-wide users to use/navigate, and is a hindrance to innovation.

The Agency would like to replace the COIN system with a web-based system using state of the art technologies and practices within the next 6 years, which will require additional funding and staffing.

## 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 effect IT in other Commonwealth agencies, or in other states? If so,***

## **how?**

The increasing demands to meet the requirements of SEC-501 may require an agency investment to procure, deploy and manage dual-factor authentication devices (currently RSA (1)).

The requirement for dual-factor authentication devices is an unfunded mandate, that will prevent the Compensation Board from granting access to all of the users requesting access.

This requirement will greatly limit the Compensation Board's ability to grow its LIDS system.

Additionally, if the dual factor authentication is carried forth to the mainframe systems, this will have an even greater impact.

Because this requirement is not funded, it could require the diversion of other agency funds.

Additionally, staff resources are not available to support and maintain the deployment of hard tokens.

(1) If VITA will not allow the deployment of soft tokens to the agency's external users.

## **CLOUD APPLICATION HOSTING:**

The Compensation Board is not considering cloud services at this time.

## **IT INFRASTRUCTURE TRANSITION:**

The Compensation Board continues to monitor notices and communications from VITA in regard to upcoming changes, participating in meetings with VITA representatives regarding specific areas of transition that are of significance to the agency, and working to ensure hardware is up to date and prepared for transition.

## **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?***

To comply with SEC-501's requirement for dual factor authentication, the Compensation Board will investigate with VITA the ability to deploy soft tokens to LIDS users.

COIN System Replacement - The business justification for replacement of the existing COIN system is as follows:

1) Outdated/obsolete technology: COIN is a mainframe, COBOL, CICS, DB2 system, developed over 12 years ago. The system is becoming more difficult to maintain due to the age of the technology and the resources available who are qualified with those technologies. The older technology has limitations and has become a hindrance to innovation.

2) Mainframe Expenses: The COIN system is the one of the Agency's largest expenses due to the system residing on the mainframe computer. A web-based system would be a more cost effective long term solution.

3) A web-based COIN replacement would better serve our state-wide customers with a much larger array of potential features, ease of use, and access.

4) Resources with the required skill set needed to develop and maintain a web-based system are also widely available.

A replacement for the COIN system is currently unfunded. The agency does not have staff available with the appropriate skill set required to develop a new system. The project would include funds for a business analyst to assist with reviewing the COIN business model, system requirements, and system design, along with funds to train existing IT staff in the required new technologies, as well as contract personnel required during the development phase of the project.

# Report Title: Strategic Plan

Agency: Compensation Board

## Current IT Services

Category	Costs Year 1		Costs Year 2	
	GF	NGF	GF	NGF
Projected Service Fees	\$197,673	\$0	\$203,603	\$0
VITA Infrastructure Changes	\$30,665	\$0	\$24,665	\$0
Estimated VITA Infrastructure	\$228,338	\$0	\$228,268	\$0
Specialized Infrastructure	\$0	\$0	\$0	\$0
Agency IT Staff	\$292,567	\$0	\$292,567	\$0
Non-agency IT Staff	\$0	\$0	\$0	\$0
Cloud Computing Service	\$0	\$0	\$0	\$0
Other Application Costs	\$185,725	\$0	\$185,725	\$0
<b>Total</b>	<b>\$706,630</b>	<b>\$0</b>	<b>\$706,560</b>	<b>\$0</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	\$0	\$0	\$0	\$0
Procurement Adjustment for Staffing	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

## Projected Total IT Budget

Category	Costs Year 1		Costs Year 2		Total Costs
	GF	NGF	GF	NGF	
Current IT Services	\$706,630	\$0	\$706,560	\$0	\$1,413,190
Proposed IT Investments	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$706,630</b>	<b>\$0</b>	<b>\$706,560</b>	<b>\$0</b>	<b>\$1,413,190</b>



**Report Title: Business Requirements For Technology**

Agency: Compensation Board (CB)

**BReT: Cardinal****BRT Type:** Business Requirement for Existing Technology**Date Submitted:****Mandate:** No**Mission Critical:****Description:**

Interface to the Department of Accounts (DOA) financial management system (Cardinal).

**BReT: Comply with Audit Requiements****BRT Type:** Business Requirement for Existing Technology**Date Submitted:****Mandate:** Yes**Mission Critical:****Description:**

mitigation plan to address audit requirements

**BReT: Dual Factor Autentication devices for LIDS****BRT Type:** Business Requirement for Existing Technology**Date Submitted:****Mandate:** Yes**Mission Critical:****Description:**

dual factor devices for LIDS - to fully comply with sec-501

**CB IT Sourcing BReT****BRT Type:** Business Requirement for Existing Technology**Date Submitted:** 7/25/2018**Mandate:****Mission Critical:****Description:**

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 26 users in our agency. We also have one application that has hooks into messaging services which will need to be tested. Workplace Collaboration Services (VITA provided SharePoint) The Compensation Board does not use WCS SharePoint. We have no applications serviced via AirWatch which will need remediation. IBM Mainframe BReT: VITA is initiating disentanglement from NG IBM Mainframe services in 2016. The Compensation Board has one applications on the IBM which will need to be migrated and tested during this transition. Server/storage (including housing of equipment) BReT: VITA is initiating disentanglement from NG servers and storage. The Compensation Board has three servers which will need to be migrated and tested during this transition. Three applications will be affected by this move and will need to be tested. Authentication/directory services BReT: The Compensation Board has no applications which will need to be migrated and tested during the authentication/directory services transition. Number of users internal and external is zero. End user computing BReT : The Compensation Board has 10 desktops, 15 laptops and 4 network printers which will need to be migrated. Data networks BReT : The Compensation Board does not have networks that are not mpls which will need to be migrated. Voice Networks BReT: The Compensation Board has zero UCaaS phone lines which will need to be migrated. Cloud Computing BReT: The Compensation Board is not investigating moving applications to a Cloud services vendor. Security Services BReT: To meet Commonwealth Security requirements, The Compensation Board has engaged VITA's Shared Security Services utilizing DPB funds. Internet Usage BReT: The Compensation Board projects that internet usage will stay the same.

**COIN System Replacement Project**

<b>BRT Type:</b>	Business Requirement for Existing Technology
<b>Date Submitted:</b>	9/12/2017
<b>Mandate:</b>	No
<b>Mission Critical:</b>	

**Description:**

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required during the development phase of the project.



Report Title: Appendix A 18 - 20 Report

**Agency:** Compensation Board (CB)

**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:** Compensation Board (CB)

**Agency Head Approval:**

No

There are no stand alone major procurements for this agency.