Virginia Information Technologies Agency

February Department of Planning and Budget Major Project Report

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IT Investment Management Division

July, 2020

Virginia Information Technologies Agency

Development of 2020 DPB Portfolio

- Collect data from agencies in the Commonwealth Technology Portfolio (new projects and updates to projects identified in agency IT strategic plans)
- Evaluate projects based on Commonwealth CIO approved criteria
- Identify IT portfolio mix (1-n list)
- Conduct CIO review and obtain final approval for submission to the Governor and General Assembly

Definitions of Investment Business Case and Project Initiation Approval

- **Investment Business Case (IBC) Approval**
  - Approved by the Commonwealth CIO
  - Indicates proposed project is an appropriate IT investment for the agency and Commonwealth and is selected into the agency IT Strategic plan and Commonwealth Technology Portfolio
  - Authorizes agency to expend funds to develop a project charter and prepare and issue an RFP
- **Project Initiation Approval (PIA)**
  - Builds on IBC documentation and approval
  - Approved by the Commonwealth CIO (*Code* requirement)
  - Signifies agency has adequately defined the project scope, schedule, and cost
  - Authorizes agency to expend funds on the project detailed planning
  - Agency can sign contracts resulting from RFP process
  - Project is designated as "active"

July 2020 Quarterly DPB Report Summary

Total Major IT Project Portfolio
(Projects ≥ 1 million)

- **Total Number of Projects** = **67**
  - Number with Investment Business Case Approval (IBC) = 39
  - Number with Project Initiation Approval (PIA) = 28

- **Total IBC Portfolio Value = $283,589,689**

- **Total PIA Portfolio Value = $523,453,630**

- **Total Portfolio Value = $807,043,319**

2020 Funding Source – Projects Recommended for Funding (IBC) Part 1

Ent.	Man.	Collab.	Rank	Secretariat	Agency	Name	Funding
		x	1	Health & Human Resources	DSS	COMPASS (Case Management)	Federal Split
			2	Finance	TAX	eGovernment Self Help Expansion My Virginia TAX	GF
	x	x	3	Health & Human Resources	DMAS	Medicaid Enterprise System (MES) Program	Federal Split
	x		4	Public Safety & Homeland Security	DCJS	Victims Services Technology Project (formerly Programs & Services Project)	Federal Split
x			5	Administration	DGS	Enterprise Electronic Procurement Solution 2019	NGF
			6	Public Safety & Homeland Security	DOC	Pharmaceutical Services	NGF
			7	Health & Human Resources	DSS	CCWIS - Program	Federal Split
			8	Public Safety & Homeland Security	DOC	Electronic Healthcare Records	GF
			9	Health & Human Resources	DBHDS	AVATAR To The Cloud	GF
			10	Education	VSU	Implement Banner XE Project	GF
x			11	Health & Human Resources	DSS	Local Employee HR Tracking System (LETS) Replacement	Federal Split
			12	Transportation	VDOT	Traffic, Traveler and Road Information (TTRIP) Services Project	NGF
			13	Public Safety & Homeland Security	DOC	VADOC VCE ERP/MRP System Project	NGF
x			14	Administration	VITA	VSP Transformation Project	GF
		x	15	Transportation	DMV	DMV Project 2019: Hauling Permit System Replacement	NGF

2020 Funding Source – Projects Recommended for Funding (IBC) Part 2

Ent.	Man.	Collab.	Rank	Secretariat	Agency	Name	Funding
	x		16	Public Safety & Homeland Security	VSP	EO19_VSP Cloud Readiness Assessment 2018 Automated Fingerprint Identification System (AFIS)	NGF
			17	Health & Human Resources	DSS	Child Support Payment Processing	Federal Split
		x	18	Health & Human Resources	VDH	Crossroads Project	NGF
			19	Health & Human Resources	VDH	WIC EBT Project	NGF
			20	Finance	TD	TRS New Unclaimed Property SaaS Solution Project	NGF
			21	Public Safety & Homeland Security	VSP	Case Management Records Management and Dispatch Systems (CaRDS)	NGF
			22	Transportation	VDOT	Digitize Bridge Inspection Reports Project	NGF
	x		23	Health & Human Resources	DMAS	Medicaid Dental Program	Federal
	x		24	Finance	DOA	EO19_DOA_Cardinal_Rehost	GF
x			25	Administration	VITA	Messaging Services 2.0 Project	NGF
	x	x	26	Health & Human Resources	DBHDS	Early Intervention Part C Data System (ITOTS)	GF
	x		27	Finance	TAX	EO19_TAX_Aggregate_ReHost	GF
x			28	Administration	VITA	Data Center Relocation Program (DCRP)	NGF
	x		29	Natural Resources	DEQ	EO19_DEQ_Aggregate_Rehost	GF
	x		30	Transportation	VDOT	EO19_VDOT_Geographic Information System Integrator II_Repurchase Project	NGF

2020 Funding Source – Projects Recommended for Funding (IBC) Part 3

Ent.	Man.	Collab.	Rank	Secretariat	Agency	Name	Funding
	X		31	Health & Human Resources	VDH	EO19_VDH_Aggregate_ReHost	GF/NGF
	X		32	Health & Human Resources	VDH	EO19_VDH_CHAAMPS_ReHost	NGF
			33	Health & Human Resources	DSS	EO19_DSS_Automated Program to Enforce Child Support (APECS)	GF/NGF
	X		34	Health & Human Resources	DSS	EO19_DSS_Background Investigation System (BIS)	GF/NGF
	X		35	Health & Human Resources	DSS	EO19_DSS_Central Registry System (CRS)	GF/NGF
	X		36	Health & Human Resources	DSS	EO19_DSS_Data Warehouse (DW)	GF/NGF
	X		37	Health & Human Resources	DSS	EO19_DSS_Document Management Imaging System (DMIS)	GF/NGF
	X		38	Health & Human Resources	DSS	EO19_DSS_Online Automated Services Information System (OASIS)	GF/NGF
	X		39	Health & Human Resources	DSS	EO19_DSS_ADAPT RO (Read Only)	GF/NGF

2020 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 1

Infrasturcture Approach	Rank	Secretariat	Agency	Name	Funding
Cloud	1	Health & Human Resources	DSS	COMPASS (Case Management)	Federal Split
CESC	2	Finance	TAX	eGovernment Self Help Expansion My Virginia TAX	GF
Cloud	3	Health & Human Resources	DMAS	Medicaid Enterprise System (MES) Program	Federal Split
CESc	4	Public Safety & Homeland Security	DCJS	Victims Services Technology Project (formerly Programs & Services Project)	Federal Split
Cloud	5	Administration	DGS	Enterprise Electronic Procurement Solution 2019	NGF
Remote Hosting	6	Public Safety & Homeland Security	DOC	Pharmaceutical Services	NGF
CESC	7	Health & Human Resources	DSS	CCWIS - Program	Federal
CESC	8	Public Safety & Homeland Security	DOC	Electronic Healthcare Records	GF
Cloud	9	Health & Human Resources	DBHDS	AVATAR To The Cloud	GF
Remote Hosting	10	Education	VSU	Implement Banner XE Project	GF
Cloud	11	Health & Human Resources	DSS	Local Employee HR Tracking System (LETS) Replacement	Federal Split
Remote Hosting	12	Transportation	VDOT	Traffic, Traveler and Road Information (TTRIP) Services Project	NGF
CESC	13	Public Safety & Homeland Security	DOC	VADOC VCE ERP/MRP System Project	NGF
CESC	14	Administration	VITA	VSP Transformation Project	GF
Remote Hosting	15	Transportation	DMV	DMV Project 2019: Hauling Permit System Replaceme	NGF

2020 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 2

Infrasturcture Approach	Rank	Secretariat	Agency	Name	Funding
Cloud	16	Public Safety & Homeland Security	VSP	EO19_VSP Cloud Readiness Assessment 2018 Automated Fingerprint Identification System (AFIS)	NGF
CESC	17	Health & Human Resources	DSS	Child Support Payment Processing	Federal Split
CESC	18	Health & Human Resources	VDH	Crossroads Project	NGF
Remote Hosting	19	Health & Human Resources	VDH	WIC EBT Project	NGF
Cloud	20	Finance	TD	TRS New Unclaimed Property SaaS Solution Project	NGF
CESC	21	Public Safety & Homeland Security	VSP	Case Management Records Management and Dispatch Systems (CaRDS)	NGF
CESC	22	Transportation	VDOT	Digitize Bridge Inspection Reports Project	NGF
Cloud	23	Health & Human Resources	DMAS	Medicaid Dental Program	Federal Split
Cloud	24	Finance	DOA	EO19_DOA_Cardinal_Rehost	GF
Cloud	25	Administration	VITA	Messaging Services 2.0 Project	NGF
Cloud	26	Health & Human Resources	DBHDS	Early Intervention Part C Data System (ITOTS)	GF
Cloud	27	Finance	TAX	EO19_TAX_Aggregate_ReHost	GF
Remote Hosting	28	Administration	VITA	Data Center Relocation Program (DCRP)	NGF
Cloud	29	Natural Resources	DEQ	EO19_DEQ_Aggregate_Rehost	GF
Cloud	30	Transportation	VDOT	EO19_VDOT_Geographic Information System Integrator II_Repurchase Project	NGF

2020 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 3

Infrasturcture Approach	Rank	Secretariat	Agency	Name	Funding
Cloud	31	Health & Human Resources	VDH	EO19_VDH_Aggregate_ReHost	GF/NGF
Cloud	32	Health & Human Resources	VDH	EO19_VDH_CHAAMPS_ReHost	NGF
Cloud	33	Health & Human Resources	DSS	EO19_DSS_Automated Program to Enforce Child Support (APECS)	GF/NGF
Cloud	34	Health & Human Resources	DSS	EO19_DSS_Background Investigation System (BIS)	GF/NGF
Cloud	35	Health & Human Resources	DSS	EO19_DSS_Central Registry System (CRS)	GF/NGF
Cloud	36	Health & Human Resources	DSS	EO19_DSS_Data Warehouse (DW)	GF/NGF
Cloud	37	Health & Human Resources	DSS	EO19_DSS_Document Management Imaging System (DMIS)	GF/NGF
Cloud	38	Health & Human Resources	DSS	EO19_DSS_Online Automated Services Information System (OASIS)	GF/NGF
Cloud	39	Health & Human Resources	DSS	EO19_DSS_ADAPT RO (Read Only)	GF/NGF

DPB Analysis July 2020 – Projects Recommended for Funding (IBC)

Total Investment Business Case Value

$283,589,689

Enterprise
- Enterprise Technology Projects and Projects with Statewide Application
  - Number = 5
  - Value = $57,175,631

- Collaborative Projects on
  - Number = 6
  - Value = $36,235,512

- Agency Projects
  - Number = 28
  - Value = $190,178,546

Mandatory
- Mandatory Projects
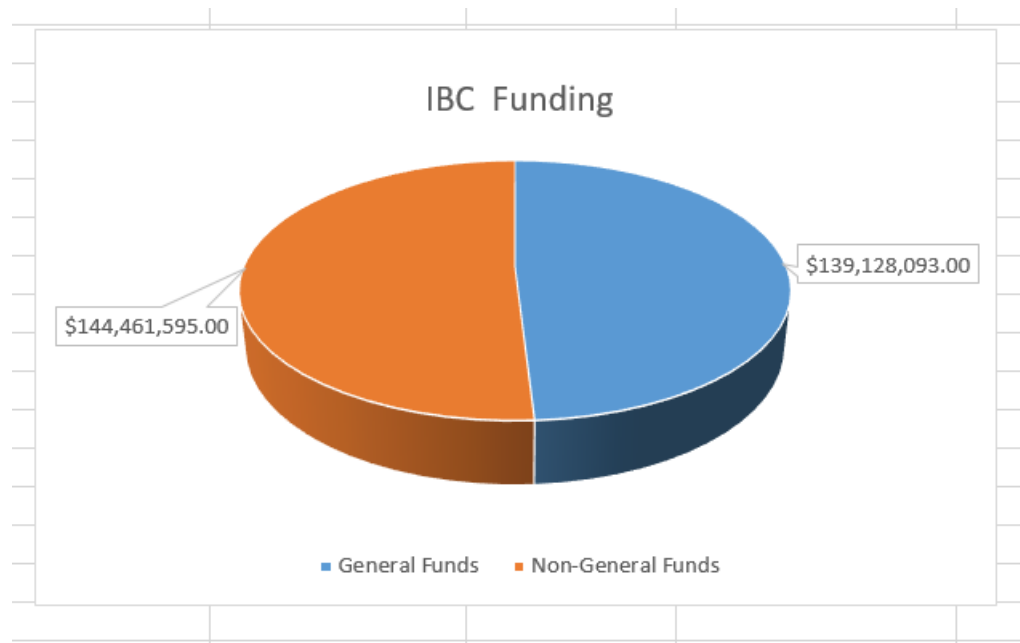 - Number = 15
  - Value = $65,440,960

Portfolio Mix
- Run the Business
  - Number = 9
  - Value = $31,076,387
- Improve the Business
  - Number = 26
  - Value = $191,338,685
- Transform the Business
  - Number = 4
  - Value = $61,174,617

Infrastructure Approach
- CESC
  - Number = 10
  - Value = $109,799,432
- Cloud
  - Number = 23
  - Value = $105,797,989
- Remote Hosting
  - Number = 6
  - Value = $67,992,268

2020 Funding Source – Projects Recommended for Funding (IBC)

IBC Funding

$139,128,093.00

$144,461,595.00

■ General Funds   ■ Non-General Funds

2020 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 1

Infrastructure Approach	Agency	Project	Funding
Cloud	DBHDS	Cardinal HCM Interfaces Project	NGF
CESC	DOA	Cardinal Statewide HCM	Agency
CESC	DSS	CCWIS - Mobility	Federal Split
CESC	VDOT	CEDAR Upgrade Project	Agency
Cloud	DMAS	Cover VA Implementation Project	Federal Split
Remote Hosting	VITA	DC Move	VITA
Cloud	DCJS	DCJS Opioids Data Sharing Project	Federal
CESC	DMV	DMV Project 2016: DMV IRP/IFTA/CView Solution	Agency
Cloud	DMV	DMV Project 2019: Remittance Processing System (RPS)_Re-Platform	NGF
Cloud	DOC	DOCTime - DOCXL and TAL Replacement Project	GF
CESC	DBHDS	DOJ - Licensing System	GF
CESC	DSS	EAP Returned Funds (CR 330) VaCMS	Federal Split
Cloud	DMV	EO19_QFLOW System_Refactor	NGF
CESC	VSP	Firearms VCheck 2.0	Federal

2020 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 2

Infrastructure Approach	Agency	Project	Funding
Cloud	VDH	Integrated HIV Care and Prevention Data System-ADAP	Federal
Cloud	DMAS	MES Data Warehouse	Federal Split
Cloud	DMAS	MES Encounter Processing	Federal Split
Cloud	DMAS	MES Fee for Service and Core Processing	Federal Split
Cloud	DMAS	MES Integration	Federal Split
Remote Hosting	VSU	Network Infrastructure Upgrade	GF
CESC	DBHDS	OneMind Cerner Millennium Replacement Project	GF
Remote Hosting	VSP	Oracle E-Business AR Modules	NGF
CESC	VDOT	SMART SCALE - SMART Portal 2020 Project	NGF
Remote Hosting	VSP	SOR System Replacement	NGF
Remote Hosting	VSP	STARS Subscriber and Infrastructure Upgrade	NGF
CESC	VDOT	Statewide Traffic Signal System Project	NGF
CESC	VEC	VEC Computer Room Move	Federal
CESC	VDH	Virginia Immunization Information System	Federal

DPB Analysis July 2020 – Projects Recommended for Continued Funding (PIA)

Total Project Initiation Approval Value

$523,453,630

Enterprise
- Enterprise Technology Projects and Projects with Statewide Application
  - Number = 3
  - Value = $ 143,662,233

- Collaborative Projects
  - Number = 2
  - Value = $ 15,403,182

- Agency Projects
  - Number = 23
  - Value = $ 364,388,215

Mandatory
- Mandatory Projects
  - Number = 7
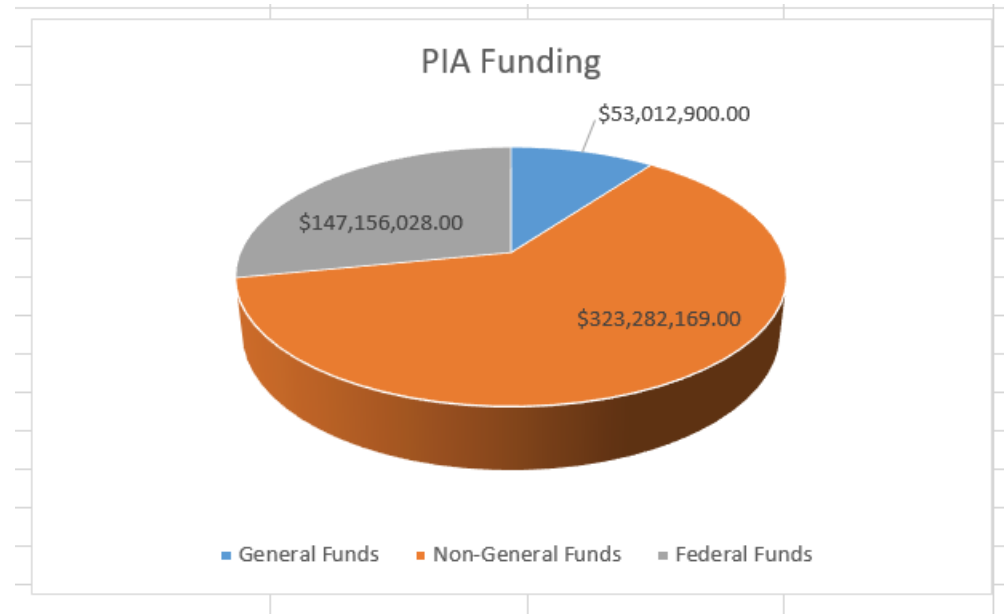 - Value = $ 83,374,250

Portfolio Mix
- Run the Business
  - Number = 8
  - Value = $ 162,054,426
- Improve the Business
  - Number = 15
  - Value = $ 214,410,108
- Transform the Business
  - Number = 5
  - Value = $ 146,989,095

Infrastructure Approach
- CESC
  - Number = 10
  - Value = $ 232,558,960
- Cloud
  - Number = 12
  - Value = $ 137,930,647
- Remote Hosting
  - Number = 6
  - Value = $ 153,964,021

2020 Funding Source – Projects Recommended for Continued Funding (PIA) 2

PIA Funding

$53,012,900.00

$147,156,028.00

$323,282,169.00

■ General Funds ■ Non-General Funds ■ Federal Funds

2020 Points of Contact

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2020 Additional Definitions

- **Enterprise Applications & Projects** – Centrally administered applications which act as the authoritative source of data or processing for the Commonwealth.

- **Collaborative Applications, Services & Projects** – Business applications and services which provide organizations and/or political subdivisions the opportunity to work together, in a substantive, mutually beneficial relationship, with a common integrated solution.

- **Mandatory Projects** – Projects that support legal or regulatory requirements such as Executive Orders, state legislation, or Federal mandates

- **Operational Projects (Run the Business)** – A project portfolio category for projects that support business functionality, deliverables, or processes by correcting or modifying existing assets. These projects do not introduce new functionality.

- **Enhancements (Improve the Business)** – A project portfolio category for projects that support business functionality, deliverables, or processes by enhancing existing assets. These projects can introduce new processes.

- **Transformational Projects (Transform the Business)** – A project portfolio category for projects that support business functionality, deliverables, or processes by changing the way an organization does business.