Department of Planning and Budget Major Project Report

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IT Investment Management Division

May 2021

Development of 2021 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"

May 2021 Quarterly DPB Report Summary

Total Major IT Project Portfolio

(Projects ≥ 1 million)

- **Total Number of Projects**   **= 79**
  - Number with Investment Business Case Approval (IBC) = 44
  - Number with Project Initiation Approval (PIA)   = 35

- **Total IBC Portfolio Value = $320,583,003**

- **Total PIA Portfolio Value = $673,757,846**

- **Total Portfolio Value   = $994,340,849**

2021 Funding Source – Projects Recommended for Funding (IBC) Part 1

Ent.	Man.	Collab.	Rank	Name	Secretariat	Agency	Infrastructure Approach	Funding
			1	eGovernment Self Help Expansion My Virginia TAX	Finance	TAX	QTS	GF
	x		2	Victims Services Technology Project	Public Safety & Homeland Security	DCJS	QTS	NGF
			3	Pharmaceutical Services	Public Safety & Homeland Security	DOC	Remote Hosting	NGF
x			4	Primary Election System - Project	Administration	ELECT	Cloud	GF
	x		5	CCWIS - Program	Health and Human Resources	DSS	QTS	Federal Split
			6	SNAP Knowledge Based - Project	Health and Human Resources	DSS	Cloud	Federal Split
			7	Data Stage Upgrade Project	Transportation	VDOT	QTS	Non-GF
			8	Electronic Healthcare Records	Public Safety & Homeland Security	DOC	QTS	GF
x	x		9	Learning Management System (LMS) Update	Administration	DHRM	Cloud	GF
			10	CRIS - Criminal and RapBack Information System	Public Safety & Homeland Security	VSP	Cloud	Mixed
		x	11	AI-Based System for Incident Management Project	Transportation	VDOT	Cloud	NGF
	x		12	Medicaid Dental Program	Health and Human Resources	DMAS	Cloud	Federal Split
			13	Traffic, Traveler and Road Information (TTRIP) Service	Transportation	VDOT	Remote Hosting	NGF
	x	x	14	Crisis Call Center Project	Health and Human Resources	DBHDS	Cloud	GF
		x	15	Multimodal Mobility Enhancement DI Project	Transportation	VDOT	Cloud	NGF

2021 Funding Source – Projects Recommended for Funding (IBC) Part 2

Ent.	Man.	Collab.	Rank	Name	Secretariat	Agency	Infrastructure Approach	Funding
			16	VADOC VCE ERP/MRP System Project	Public Safety & Homeland Security	DOC	QTS	NGF
		x	17	DMV Project 2019: Replace Hauling Permit System	Transportation	DMV	Cloud	NGF
	x	x	18	Early Intervention Part C Data System (ITOTS)	Health and Human Resources	DBHDS	Cloud	GF
x	x		19	Messaging Services 2.0 Project	Administration	VITA	Cloud	NGF
	x		20	Child Support Payment Processing	Health and Human Resources	DSS	QTS	Mixed
	x	x	21	Crossroads Project	Health and Human Resources	VDH	QTS	Federal Split
	x	x	22	WIC EBT Project	Health and Human Resources	VDH		Federal Split
	x		23	CBORD Replacement - Statewide Food Service Project	Health and Human Resources	DBHDS	Cloud	GF
			24	Maintenance Management System Project	Public Safety & Homeland Security	DOC	Cloud	GF
			25	TRS New Unclaimed Property SaaS Solution Project	Finance	TD	Cloud	NGF
			26	Land Use and Outdoor Advertising Permit Processes	Transportation	VDOT	QTS	NGF
			27	RUMS Replacement Project	Transportation	VDOT	QTS	NGF
x	x		28	Child Support Refactoring Project	Health and Human Resources	DSS	Cloud	Federal Split
			29	Case Management Records Management and Dispatch System	Public Safety & Homeland Security	VSP	QTS	NGF
			30	Digitize Bridge Inspection Reports Project	Transportation	VDOT	QTS	NGF

2021 Funding Source – Projects Recommended for Funding (IBC) Part 3

Ent.	Man.	Collab.	Rank	Name	Secretariat	Agency	Infrastructure Approach	Funding
	x		31	EO19_DOA_Cardinal_Rehost	Finance	DOA	Cloud	GF
	x		32	EO19_TAX_Aggregate_ReHost	Finance	TAX	Cloud	GF
	x		33	EO19_TAX_Advantage Revenue_Repurchase	Finance	TAX	Cloud	GF
	x		34	EO19_DEQ_Aggregate_Rehost	183 Secretary of Natural Resources	DEQ	Cloud	Non-GF
	x		35	EO19_DSS_ADAPT RO (Read Only)	Health and Human Resources	DSS	Cloud	Federal Split
	x		36	EO19_DSS_Automated Program to Enforce Child Support	Health and Human Resources	DSS	Cloud	Federal Split
	x		37	EO19_DSS_Background Investigation System (BIS)	Health and Human Resources	DSS	Cloud	Federal Split
	x		38	EO19_DSS_Central Registry System (CRS)	Health and Human Resources	DSS	Cloud	Federal Split
	x		39	EO19_DSS_Data Warehouse (DW)	Health and Human Resources	DSS	Cloud	Federal Split
	x		40	EO19_DSS_Document Management Imaging System (DMIS)	Health and Human Resources	DSS	QTS	Federal Split
	x		41	EO19_DSS_Online Automated Services Information System	Health and Human Resources	DSS	Cloud	Federal Split
	x		42	EO19_DSS_Systems Partnering in a Demographic Repos	Health and Human Resources	DSS	Cloud	Federal Split
	x		43	EO19_VDH_Aggregate_ReHost	Health and Human Resources	VDH	Cloud	NGF
	x		44	EO19_VDH_CHAAMPS_ReHost	Health and Human Resources	VDH	Cloud	NGF

2021 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 1

Infrastructure Approach	Rank	Name	Secretariat	Agency	Funding
QTS	1	eGovernment Self Help Expansion My Virginia TAX	Finance	TAX	GF
QTS	2	Victims Services Technology Project	Public Safety & Homeland Security	DCJS	NGF
Remote Hosting	3	Pharmaceutical Services	Public Safety & Homeland Security	DOC	NGF
Cloud	4	Primary Election System - Project	Administration	ELECT	GF
QTS	5	CCWIS - Program	Health and Human Resources	DSS	Federal Split
Cloud	6	SNAP Knowledge Based - Project	Health and Human Resources	DSS	Federal Split
QTS	7	Data Stage Upgrade Project	Transportation	VDOT	Non-GF
QTS	8	Electronic Healthcare Records	Public Safety & Homeland Security	DOC	GF
Cloud	9	Learning Management System (LMS) Update	Administration	DHRM	GF
Cloud	10	CRIS - Criminal and RapBack Information System	Public Safety & Homeland Security	VSP	Mixed
Cloud	11	AI-Based System for Incident Management Project	Transportation	VDOT	NGF
Cloud	12	Medicaid Dental Program	Health and Human Resources	DMAS	Federal Split
Remote Hosting	13	Traffic, Traveler and Road Information (TTRIP) Service	Transportation	VDOT	NGF
Cloud	14	Crisis Call Center Project	Health and Human Resources	DBHDS	GF
Cloud	15	Multimodal Mobility Enhancement DI Project	Transportation	VDOT	NGF

Virginia Information Technologies Agency

2021 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 2

Infrastructure Approach	Rank	Name	Secretariat	Agency	Funding
QTS	16	VADOC VCE ERP/MRP System Project	Public Safety & Homeland Security	DOC	NGF
Cloud	17	DMV Project 2019: Replace Hauling Permit System	Transportation	DMV	NGF
Cloud	18	Early Intervention Part C Data System (ITOTS)	Health and Human Resources	DBHDS	GF
Cloud	19	Messaging Services 2.0 Project	Administration	VITA	NGF
QTS	20	Child Support Payment Processing	Health and Human Resources	DSS	Mixed
QTS	21	Crossroads Project	Health and Human Resources	VDH	Federal Split
Remote Hosting	22	WIC EBT Project	Health and Human Resources	VDH	Federal Split
Cloud	23	CBORD Replacement - Statewide Food Service Project	Health and Human Resources	DBHDS	GF
Cloud	24	Maintenance Management System Project	Public Safety & Homeland Security	DOC	GF
Cloud	25	TRS New Unclaimed Property SaaS Solution Project	Finance	TD	NGF
QTS	26	Land Use and Outdoor Advertising Permit Processes	Transportation	VDOT	NGF
QTS	27	RUMS Replacement Project	Transportation	VDOT	NGF
Cloud	28	Child Support Refactoring Project	Health and Human Resources	DSS	Federal Split
QTS	29	Case Management Records Management and Dispatch System	Public Safety & Homeland Security	VSP	NGF
QTS	30	Digitize Bridge Inspection Reports Project	Transportation	VDOT	NGF

2021 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 3

Infrastructure Approach	Rank	Name	Secretariat	Agency	Funding
Cloud	31	EO19_DOA_Cardinal_Rehost	Finance	DOA	GF
Cloud	32	EO19_TAX_Aggregate_ReHost	Finance	TAX	GF
Cloud	33	EO19_TAX_Advantage Revenue_Repurchase	Finance	TAX	GF
Cloud	34	EO19_DEQ_Aggregate_Rehost	Natural Resources	DEQ	Non-GF
Cloud	35	EO19_DSS_ADAPT RO (Read Only)	Health and Human Resources	DSS	Federal Split
Cloud	36	EO19_DSS_Automated Program to Enforce Child Support	Health and Human Resources	DSS	Federal Split
Cloud	37	EO19_DSS_Background Investigation System (BIS)	Health and Human Resources	DSS	Federal Split
Cloud	38	EO19_DSS_Central Registry System (CRS)	Health and Human Resources	DSS	Federal Split
Cloud	39	EO19_DSS_Data Warehouse (DW)	Health and Human Resources	DSS	Federal Split
QTS	40	EO19_DSS_Document Management Imaging System (DMIS)	Health and Human Resources	DSS	Federal Split
Cloud	41	EO19_DSS_Online Automated Services Information System	Health and Human Resources	DSS	Federal Split
Cloud	42	EO19_DSS_Systems Partnering in a Demographic Repos	Health and Human Resources	DSS	Federal Split
Cloud	43	EO19_VDH_Aggregate_ReHost	Health and Human Resources	VDH	NGF
Cloud	44	EO19_VDH_CHAAMPS_ReHost	Health and Human Resources	VDH	NGF

DPB Analysis April 2021 – Projects Recommended for Funding (IBC)

Total Investment Business Case Value

$320,583,003

Enterprise
- Enterprise Technology Projects and Projects with Statewide Application
  - Number = 4
  - Value = $42,990,205

- Collaborative Projects on
  - Number = 7
  - Value = $37,507,095

- Agency Projects
  - Number = 33
  - Value = $240,085,703

Mandatory
- Mandatory Projects
  - Number = 26
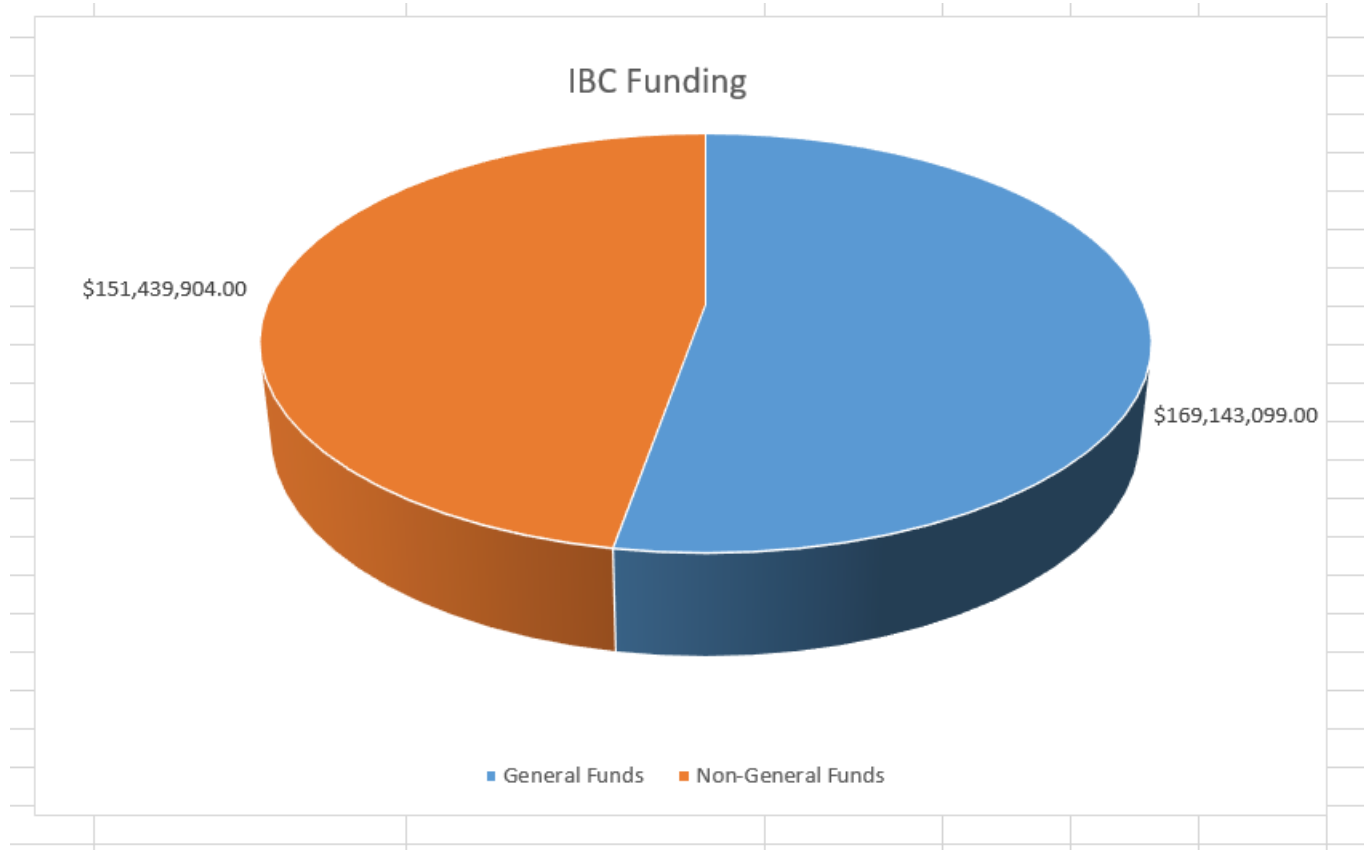 - Value = $130,271,221

Portfolio Mix
- Run the Business
  - Number = 12
  - Value = $84,805,367
- Improve the Business
  - Number = 29
  - Value = $163,552,200
- Transform the Business
  - Number = 3
  - Value = $72,225,436

Infrastructure Approach
- CESC
  - Number = 13
  - Value = $138,333,024
- Cloud
  - Number = 28
  - Value = $125,821,979
- Remote Hosting
  - Number = 3
  - Value = $56,428,000

2021 Funding Source – Projects Recommended for Funding (IBC)

IBC Funding

$151,439,904.00

$169,143,099.00

■ General Funds   ■ Non-General Funds

2021 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 1

Infrastructure Approach	Project	Secretariat	Agency	Funding
Cloud	Automated Fingerprint Identification System (AFIS)	Public Safety & Homeland Security	VSP	NGF
Cloud	Cardinal HCM Interfaces Project	Health and Human Resources	DBHDS	NGF
Cloud	Cardinal Statewide HCM	Finance	DOA	NGF
QTS	CCWIS - Mobility	Health and Human Resources	DSS	Federal Split
QTS	CEDAR Upgrade Project	Transportation	VDOT	NGF
Remote Hosting	Cover VA Implementation Project	Health and Human Resources	DMAS	Federal Split
Cloud	CTP Modernization Project	Administration	VITA	VITA
QTS	Data Center Move	Administration	VITA	VITA
Cloud	DMV Project 2019: Repl Remittance Processing System	Transportation	DMV	NGF
Cloud	DOCTime - DOCXL and TAL Replacement Project	Public Safety & Homeland Security	DOC	GF
QTS	DOJ - Licensing System	Health and Human Resources	DBHDS	GF
Cloud	DPOR Systems Replacement - Project	Commerce & Trade	DPOR	NGF
Cloud	Enterprise Electronic Procurement Solution 2019	Administration	DGS	NGF
Cloud	Financial Management System Upgrade	Commerce & Trade	VEC	NGF
QTS	Firearms VCheck 2.0	Public Safety & Homeland Security	VSP	NGF

2021 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 2

Infrastructure Approach	Project	Secretariat	Agency	Funding
Cloud	Human Capital Management Cloud Implementation Project	Transportation	VDOT	NGF
Cloud	Instructional Improvement System Project - 2020	Education	DOE	NGF
QTS	Integrated HIV Care and Prevention Data System-ADA	Health and Human Resources	VDH	NGF
Cloud	MES Data Warehouse	Health and Human Resources	DMAS	Federal Split
Cloud	MES Encounter Processing	Health and Human Resources	DMAS	Federal Split
QTS	MES Fee for Service and Core Processing	Health and Human Resources	DMAS	Federal Split
Remote Hosting	Network Infrastructure Upgrade	Education	VSU	GF
Cloud	OneMind Cerner Millennium Replacement Project	Health and Human Resources	DBHDS	GF
Remote Hosting	Oracle E-Business AR Modules	Public Safety & Homeland Security	VSP	NGF
Remote Hosting	Outsource Call Center Staffing and Telephony	Commerce & Trade	VEC	NGF
Cloud	PROJECT: MAINFRAME 2022 - COIN System	Administration	CB	GF
Cloud	RPP - Enterprise Licensing Solution	Health and Human Resources	DSS	Federal Split
QTS	SMART Portal 2022 Project	Transportation	VDOT	NGF
Cloud	SMART SCALE - SMART Portal 2020 Project	Transportation	VDOT	NGF
Remote Hosting	SOR System Replacement	Public Safety & Homeland Security	VSP	NGF

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2021 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 3

Infrastructure Approach	Project	Secretariat	Agency	Funding
Remote Hosting	STARS Infrastructure and Subscriber Upgrade	Public Safety & Homeland Security	VSP	NGF
Remote Hosting	Statewide Traffic Signal System Project	Transportation	VDOT	NGF
QTS	Unemployment Insurance Modernization	Commerce & Trade	VEC	NGF
Cloud	Virginia Immunization Information System	Health and Human Resources	VDH	Federal Split
QTS	VSP Transformation Project	Administration	VITA	GF

VITA
Virginia Information Technologies Agency

DPB Analysis May 2021 – Projects Recommended for Continued Funding (PIA)

Total Project Initiation Approval Value

$673,757,846

Enterprise
- Enterprise Technology Projects and Projects with Statewide Application
    - Number = 6
    - Value = $ 216,380,481

- Collaborative Projects
    - Number = 4
    - Value = $ 25,631,857

- Agency Projects
    - Number = 25
    - Value = $431,745,508

Mandatory
- Mandatory Projects
    - Number = 13
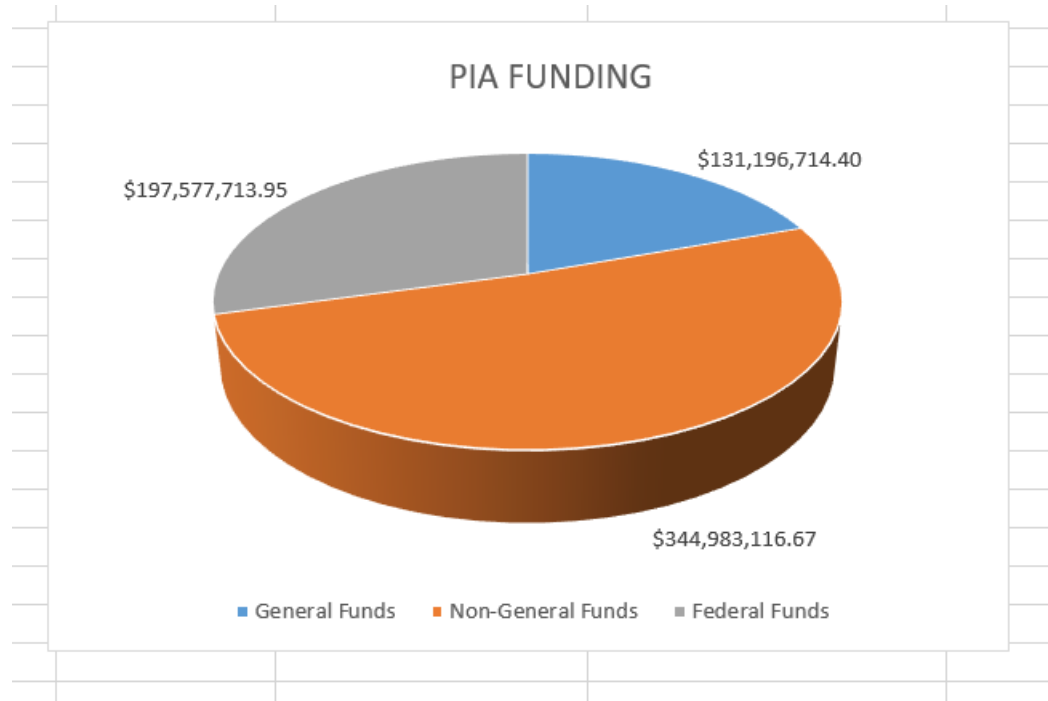   - Value = $ 347,508,499

Portfolio Mix
- Run the Business
    - Number = 11
    - Value = $ 44,491,934
- Improve the Business
    - Number = 16
    - Value = $ 246,308,527
- Transform the Business
    - Number = 8
    - Value = $ 382,957,385

Infrastructure Approach
- CESC
    - Number = 10
    - Value = $ 235,758,321
- Cloud
    - Number = 18
    - Value = $ 278,607,934
- Remote Hosting
    - Number = 7
    - Value = $ 159,391,591

2021 Funding Source – Projects Recommended for Continued Funding (PIA)

2021 Points of Contact

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2021 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.