



November 2019 Department of Planning and Budget Major Project Report

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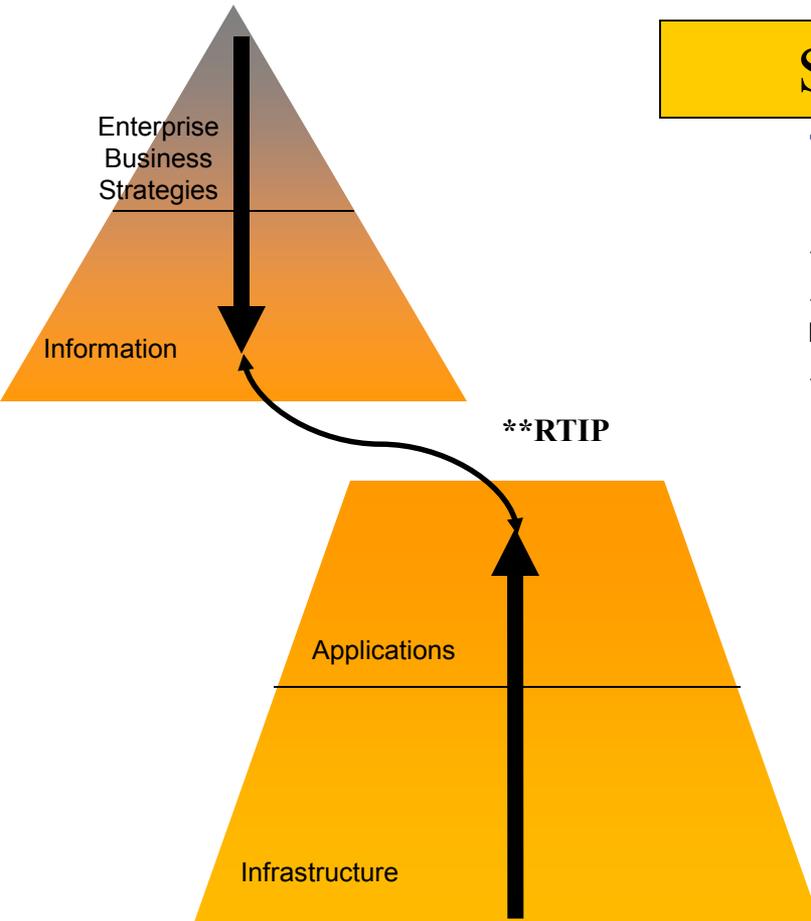
November 15, 2019



Agenda

- **Presentation**

What is RTIP? (The Bridge Between Portfolio Management (PfM) and Project Management (PM))



Strategic (PfM)

Top Down Portfolio Mgmt
(Doing the right Things)

- ✓ Senior Management Summary
- ✓ Budgets, Capacity, Milestones, Risks, Benefits, Prioritization, Selection, Oversight, Evaluation
- ✓ Models Management Decision Process

Operational (PM)

Bottom up Project Mgmt
(Doing things Right)

- ✓ Delivery of individual projects
- ✓ Organizational Detail

- ** Other Commonwealth Portfolio Reports include:
1. Quarterly Commonwealth Technology Portfolio Reports
 2. Quarterly IT Project Status Reports
 3. Quarterly List of Major IT Projects (DPB file)

Source: Artemis



Development of 2019 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”



November 2019 Quarterly DPB Report Summary

Total Major IT Project Portfolio

(Projects = or > 1 million)

- **Total Number of Projects** = **73**
 - Number with Investment Business Case (IBC) approval = 49
 - Number with Project Initiation Approval (PIA) = 24

- **Total IBC Portfolio Value = \$321,074,570**

- **Total PIA Portfolio Value = \$598,106,384**

- **Total Portfolio Value = \$919,180,954**



2019 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	Programs & Services Project	Federal Split
	x		5	Health & Human Resources	DMAS	MES Financial Management	Federal Split
x			6	Administration	DGS	Enterprise Electronic Procurement Solution 2019	
			7	Public Safety & Homeland Security	DJJ	Electronic Health Records	GF
			8	Public Safety & Homeland Security	ABC	ABC Next Gen Sales Audit Project	NGF
			9	Health & Human Resources	DBHDS	Pulse Budget System Project	GF
			10	Public Safety & Homeland Security	DOC	Pharmaceutical Services	NGF
			11	Public Safety & Homeland Security	ABC	ABC Next Gen POS Project	NGF
			12	Health & Human Resources	DSS	CCWIS - Program	Federal Split
		x	13	Public Safety & Homeland Security	DOC	Inmate Phone & Tablet Services Project	NGF
	x		14	Public Safety & Homeland Security	DCJS	EO19_DCJS_Grants Management Information System_Repurchase	NGF
			15	Public Safety & Homeland Security	VSP	Firearms VCheck 2.0	Federal



2019 Funding Source – Projects Recommended for Funding (IBC) Part 2

Ent.	Man.	Collab.	Rank	Secretariat	Agency	Name	Funding
			16	Finance	TAX	Audit Case Management Mobile System	GF
			17	Public Safety & Homeland Security	DOC	Electronic Healthcare Records	NGF
			18	Health & Human Resources	DBHDS	AVATAR To The Cloud	GF
			19	Education	VSU	Implement Banner XE Project	GF
			20	Public Safety & Homeland Security	VSP	Case Management Report Management and Dispatch Systems (CaRDS)	NGF
x			21	Health & Human Resources	DSS	Local Employee HR Tracking System (LETS) Replacement	Federal Split
X			22	Administration	VITA	DC Move	NGF
			23	Transportation	VDOT	Traveler Information Data Sharing Services Project	NGF
			24	Commerce & Trade	VEC	VEC Computer Room Move	Federal
			25	Public Safety & Homeland Security	DOC	VADOC VCE ERP/MRP System Project	NGF
			26	Public Safety & Homeland Security	DOC	Digi-Time - DOCXL and TAL Replacement Project	NGF
x			27	Administration	VITA	VSP Transformation Project	GF
	x	x	28	Health & Human Resources	DMAS	MES Enterprise Content Management	Federal Split
			29	Health & Human Resources	DSS	Child Support Payment Processing	Federal Split
		x	30	Transportation	VDOT	Accounts Payable Automation Project	NGF



2019 Funding Source – Projects Recommended for Funding (IBC) Part 3

Ent.	Man.	Collab.	Rank	Secretariat	Agency	Name	Funding
			31	Transportation	VDOT	Digitize Bridge Inspection Reports Project	NGF
			32	Transportation	DMV	DMV Project 2019: Convert Mainframe File Transfers	NGF
	x		33	Finance	DOA	EO19_DOA_Cardinal_Rehost	GF
	x		34	Finance	TAX	EO19_TAX_Aggregate_ReHost	GF
x			35	Administration	VITA	Data Center Relocation Program (DCRP)	NGF
	x		36	Transportation	VDOT	EO19_VDOT_SharePoint InsideVDOT_Repurchase Project	NGF
	x		37	Transportation	VDOT	EO19_VDOT_SharePoint OutsideVDOT_Repurchase Project	NGF
	x		38	Transportation	DMV	EO19_Remittance Processing System (RPS)_Re-Platform	NGF
	x		39	Natural Resources	DEQ	EO19_DEQ_Aggregate_Rehost	GF
	x		40	Education	DOE	Instructional Improvement System - 2020	GF
	x		41	Health & Human Resources	VDH	EO19_VDH_Aggregate_ReHost	GF/NGF
	x		42	Health & Human Resources	VDH	EO19_VDH_CHAAMPS_ReHost	NGF
	x		43	Health & Human Resources	DSS	EO19_DSS_Automated Program to Enforce Child Support (APECS)	GF/NGF
	x		44	Health & Human Resources	DSS	EO19_DSS_Background Investigation System (BIS)	GF/NGF
	x		45	Health & Human Resources	DSS	EO19_DSS_Central Registry System (CRS)	GF/NGF
	x		46	Health & Human Resources	DSS	EO19_DSS_Data Warehouse (DW)	GF/NGF
	x		47	Health & Human Resources	DSS	EO19_DSS_Document Management Imaging System (DMIS)	GF/NGF
	x		48	Health & Human Resources	DSS	EO19_DSS_Online Automated Services Information System (OASIS)	GF/NGF
	x		49	Health & Human Resources	DSS	EO19_DSS_ADAPT RO (Read Only)	GF/NGF



2019 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 1

Infrastructure 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
Remote Hosting	3	Health & Human Resources	DMAS	Medicaid Enterprise System (MES) Program	Federal Split
CESC	4	Public Safety & Homeland Security	DCJS	Programs & Services Project	Federal Split
Cloud	5	Health & Human Resources	DMAS	MES Financial Management	Federal Split
Cloud	6	Administration	DGS	Enterprise Electronic Procurement Solution 2019	
Cloud	7	Public Safety & Homeland Security	DJJ	Electronic Health Records	GF
Remote Hosting	8	Public Safety & Homeland Security	ABC	ABC Next Gen Sales Audit Project	NGF
CESC	9	Health & Human Resources	DBHDS	Pulse Budget System Project	GF
Remote Hosting	10	Public Safety & Homeland Security	DOC	Pharmaceutical Services	NGF
Remote Hosting	11	Public Safety & Homeland Security	ABC	ABC Next Gen POS Project	NGF
CESC	12	Health & Human Resources	DSS	CCWIS - Program	Federal Split
Remote Hosting	13	Public Safety & Homeland Security	DOC	Inmate Phone & Tablet Services Project	NGF
Cloud	14	Public Safety & Homeland Security	DCJS	EO19_DCJS_Grants Management Information System_Repurchase	NGF
CESC	15	Public Safety & Homeland Security	VSP	Firearms VCheck 2.0	Federal



2019 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 2

Infrastructure Approach	Rank	Secretariat	Agency	Name	Funding
CESC	16	Finance	TAX	Audit Case Management Mobile System	GF
CESC	17	Public Safety & Homeland Security	DOC	Electronic Healthcare Records	NGF
Cloud	18	Health & Human Resources	DBHDS	AVATAR To The Cloud	GF
Remote Hosting	19	Education	VSU	Implement Banner XE Project	GF
CESC	20	Public Safety & Homeland Security	VSP	Case Management Report Management and Dispatch Systems (CaRDS)	NGF
Cloud	21	Health & Human Resources	DSS	Local Employee HR Tracking System (LETS) Replacement	Federal Split
Remote Hosting	22	Administration	VITA	DC Move	NGF
Remote Hosting	23	Transportation	VDOT	Traveler Information Data Sharing Services Project	NGF
CESC	24	Commerce & Trade	VEC	VEC Computer Room Move	Federal
CESC	25	Public Safety & Homeland Security	DOC	VADOC VCE ERP/MRP System Project	NGF
Cloud	26	Public Safety & Homeland Security	DOC	Digi-Time - DOCXL and TAL Replacement Project	NGF
CESC	27	Administration	VITA	VSP Transformation Project	GF
Cloud	28	Health & Human Resources	DMAS	MES Enterprise Content Management	Federal Split
CESC	29	Health & Human Resources	DSS	Child Support Payment Processing	Federal Split
Cloud	30	Transportation	VDOT	Accounts Payable Automation Project	NGF



2019 Infrastructure Approach– Projects Recommended for Funding (IBC) Part 3

Infrastructure Approach	Rank	Secretariat	Agency	Name	Funding
CEC	31	Transportation	VDOT	Digitize Bridge Inspection Reports Project	NGF
CEC	32	Transportation	DMV	DMV Project 2019: Convert Mainframe File Transfers	NGF
Cloud	33	Finance	DOA	EO19_DOA_Cardinal_Rehost	GF
Cloud	34	Finance	TAX	EO19_TAX_Aggregate_ReHost	GF
Cloud	35	Administration	VITA	Data Center Relocation Program (DCRP)	NGF
Cloud	36	Transportation	VDOT	EO19_VDOT_SharePoint InsideVDOT_Repurchase Project	NGF
Cloud	37	Transportation	VDOT	EO19_VDOT_SharePoint OutsideVDOT_Repurchase Project	NGF
Cloud	38	Transportation	DMV	EO19_Remittance Processing System (RPS)_Re-Platform	NGF
Cloud	39	Natural Resources	DEQ	EO19_DEQ_Aggregate_Rehost	GF
CEC	40	Education	DOE	Instructional Improvement System - 2020	GF
Cloud	41	Health & Human Resources	VDH	EO19_VDH_Aggregate_ReHost	GF/NGF
Cloud	42	Health & Human Resources	VDH	EO19_VDH_CHAAMPS_ReHost	NGF
Cloud	43	Health & Human Resources	DSS	EO19_DSS_Automated Program to Enforce Child Support (APECS)	GF/NGF
Cloud	44	Health & Human Resources	DSS	EO19_DSS_Background Investigation System (BIS)	GF/NGF
Cloud	45	Health & Human Resources	DSS	EO19_DSS_Central Registry System (CRS)	GF/NGF
Cloud	46	Health & Human Resources	DSS	EO19_DSS_Data Warehouse (DW)	GF/NGF
Cloud	47	Health & Human Resources	DSS	EO19_DSS_Document Management Imaging System (DMIS)	GF/NGF
Cloud	48	Health & Human Resources	DSS	EO19_DSS_Online Automated Services Information System (OASIS)	GF/NGF
Cloud	49	Health & Human Resources	DSS	EO19_DSS_ADAPT RO (Read Only)	GF/NGF



DPB Analysis November 2019 – Projects Recommended for Funding (IBC)

Total Investment Business Case Value

\$321,074,570

Enterprise

- Enterprise Technology Projects and Projects with Statewide Application
 - Number = 6
 - Value = \$75,984,144
- Collaborative Projects on
 - Number = 5
 - Value = \$41,128,352
- Agency Projects
 - Number = 38
 - Value = \$203,962,074

Mandatory

- Mandatory Projects
 - Number = 18
 - Value = \$55,026,702

Portfolio Mix

- Run the Business
 - Number = 15
 - Value = \$95,774,196
- Improve the Business
 - Number = 28
 - Value = \$146,290,022
- Transform the Business
 - Number = 6
 - Value = \$79,010,352

Infrastructure Approach

- CESC
 - Number = 15
 - Value = \$76,304,686
- Cloud
 - Number = 26
 - Value = \$122,211,998
- Remote Hosting
 - Number = 8
 - Value = \$122,557,886



2019 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 1

Infrastructure Approach	Agency	Project	Funding
CESC	ABC	ABC Licensing and Compliance System	Agency
Remote Hosting	VDOT	Automatic Vehicle Locators Project	Agency
CESC	DOA	Cardinal Statewide HCM	Agency
CESC	DSS	CCWIS - Mobility	Federal Split
CESC	VDOT	CEDAR Upgrade Project	Agency
Cloud	DCJS	DCJS Opioids Data Sharing Project	Federal
CESC	DMV	DMV Project 2016: DMV IRP/IFTA/CView Solution	Agency
CESC	DBHDS	DOJ - Licensing System	GF
Cloud	VSP	E-Summons Pilot Project	GF
Remote Hosting	JYF	JS Exhibit Renovation Technology	Agency
Cloud	DMAS	MES Data Warehouse	Federal Split
Cloud	DMAS	MES Encounter Processing	Federal Split



2019 Infrastructure Approach– Projects Recommended for Continued Funding (PIA) 2

Infrastructure Approach	Agency	Project	Funding
Cloud	DMAS	MES Fee for Service and Core Processing	Federal Split
Cloud	DMAS	MES Integration	Federal Split
Cloud	VITA	Messaging Services Project	VITA
Remote Hosting	VITA	Multisourcing Service Integrator Services	VITA
Remote Hosting	VSU	Network Infrastructure Upgrade	GF
CESC	DBHDS	OneMind Cerner Millennium Replacement Project	GF
CESC	DOE	School Nutrition Programs Web-based System (SNPWeb) SFSP and CACFP	Federal
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	Unemployment Insurance Modernization	Federal



DPB Analysis November 2019 – Projects Recommended for Continued Funding (PIA)

Total Project Initiation Approval Value

\$598,106,384

Enterprise

- Enterprise Technology Projects and Projects with Statewide Application
 - Number = 4
 - Value = \$ 161,686,783
- Collaborative Projects
 - Number = 1
 - Value = \$ 3,500,000
- Agency Projects
 - Number = 19
 - Value = \$ 432,919,601

Mandatory

- Mandatory Projects
 - Number = 7
 - Value = \$ 221,075,262

Portfolio Mix

- Run the Business
 - Number = 3
 - Value = \$ 136,187,957
- Improve the Business
 - Number = 15
 - Value = \$ 296,291,125
- Transform the Business
 - Number = 6
 - Value = \$ 165,627,302

Infrastructure Approach

- CESC
 - Number = 9
 - Value = \$ 306,907,872
- Cloud
 - Number = 8
 - Value = \$ 126,432,653
- Remote Hosting
 - Number = 7
 - Value = \$ 164,765,859



2019 Points of Contact

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2019 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.