

ITSP Summary Biennium 2026-28

Agency Name: 127 Department of Emergency Management (VDEM)

Date Generated: 09-10-2025

Agency Mission, Goals and Objectives:

Agency Mission:

The Virginia Department of Emergency Management's mission is to save lives through effective emergency management and homeland security programs by coordinating a whole of Commonwealth approach to any complex event or disaster including, but not limited to, any natural, man-made, acts of terrorism, or cyber-related incident or event. We achieve this mission through VDEM's responsibilities across the emergency management continuum which includes activities to prevent, prepare for, respond to, recover from, and mitigate threats to the Commonwealth with a diverse set of partners across local, state, tribal, and federal government agencies, the private sector, and non-profits.

Agency Goals:

Our goal is to build capacity and resiliency across Virginia using several processes and programs including maintaining a statewide All-Hazard Emergency Operations Plan, coordinating multiagency/statewide responses, supporting state agency continuity of operations/continuity of government planning and preparedness, managing numerous grant programs in support of our localities and state agencies, conducting strategic emergency preparedness planning, delivering a comprehensive training and exercise program, coordinating with private/DoD critical infrastructure, providing specialized emergency response capabilities, supporting local 911 Public Safety Answering Points, and maintaining strong relationships with numerous partners to enable effective response and recovery operations.

Agency Objectives:

The Department of Emergency Management established the following IT related objectives for the upcoming biennium:

- Replace legacy communications systems and upgrade VEOC and Watch Center infrastructure.
- Expand redundancy through satellite communications and interoperable field equipment.
- Improve audit readiness and cybersecurity posture through Virtual ISO and SD WAN.
- Maintain licensing for mission critical GIS, alerting, and software platforms.
- Support agency performance through enhanced analytics, LMS modernization, and workforce training.
- Improve public service and internal workflows through web and digital service enhancements.

Current IT State:

In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 6 years in support of the strategic objectives of your agency.

Will any of the following areas require additional funding over the next 6 years beyond that currently forecast by your agency? (please check all that apply)

License Renewals, System Enhancements, Security improvements

Looking ahead over the next 6 years, please list any IT initiatives needed to support the business Mission, Goals, and Objectives of your agency not addressed by application modernization (other than staffing levels and applications detailed elsewhere). These could include disaster recovery, network upgrades, radio communications etc.

IT Initiative 1:

Prevention: Developing capabilities to avoid or stop imminent, threatened, or actual acts of terrorism.

IT Initiative 2:

Protection: Building capabilities to safeguard citizens, visitors, and assets against terrorism, manmade, and natural disasters

IT Initiative 3:

Mitigation: Enhancing capabilities to reduce loss of life and property by lessening the impact of future disasters.

IT Initiative 4:

Response: Providing the necessary capabilities to save lives, protect property and the environment, and meet basic human needs after a catastrophic event.

IT Initiative 5:

Recovery: Supporting communities affected by emergencies with the necessary core capabilities to recover effectively

External Factors Impacting IT:

In this section, describe changes or mandates from external sources to the agency's current IT investments. These are requirements and mandates from external sources, such as new federal or state legislation, executive orders, regulatory bodies, or legal requirements. The agency must identify the change, any important deadlines that must be met, and the consequences if the deadlines are not met.

Are there any mandate driving changes in your current IT environment? (Yes/No)

No

Will you have staffing issues that impact meeting these requirements and mandates?

No

Future IT Solutions:

This section will discuss how the agency's IT investments and investment strategies support the business strategies over the next 6 years. The agency does not need to discuss specific technologies at this time.

List in priority order, the IT investments (Projects, Procurements, BRTs) for your agency during the next 6 years.

Place your proposed projects and procurements in order of priority for your agency (one being the highest priority).

1. Projects and Procurement Details:

IT Investment:

Sustain platforms such as Crisis Management Systems, ArcGIS, Adobe Experience Manager, Creative Cloud, Everbridge, and related renewals.

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

2. Projects and Procurement Details:

IT Investment:

Replace SAU phone systems and deploy STARS radios and Starlink

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

3. Projects and Procurement Details:

IT Investment:

Finalize LMS replacement, modernize the VDEM website, and launch digital signature workflows

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

4. Projects and Procurement Details:

IT Investment:

Implement the Virtual ISO program, SD WAN upgrades, and audit support systems

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

5. Projects and Procurement Details:

IT Investment:

Upgrade CAD, Watch Center communications, VEOC AV systems, and continuity capabilities

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

6. Projects and Procurement Details:

IT Investment:

Continue expansion of agency analytics and eCAT refresh

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

7. Projects and Procurement Details:

IT Investment:

Leverage contract support for asset management, compliance, integration, and system implementation

IT Objective:

Operate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

8. Projects and Procurement Details:

IT Investment:

Replacement of the unsupported voice over IP system with a secure system to improve emergency communication capabilities.

IT Objective:

Innovate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support

core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

9. Projects and Procurement Details:

IT Investment:

Acquisition of a modern, cloud hosted learning management system to support training delivery and compliance tracking.

IT Objective:

Innovate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

10. Projects and Procurement Details:

IT Investment:

Implementation of a digital signature platform to streamline agency workflows and

reduce manual processes

IT Objective:

Innovate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

11. Projects and Procurement Details:

IT Investment:

Redesign of the agency's public website to enhance usability, accessibility, and emergency communication.

IT Objective:

Innovate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic

alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

12. Projects and Procurement Details:

IT Investment:

Expansion of STARS radios and mobile communications equipment to improve field interoperability

IT Objective:

Innovate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

13. Projects and Procurement Details:

IT Investment:

Deployment of Starlink satellite communications to maintain continuity during infrastructure outage

IT Objective:

Innovate

IT Business Value:

These investments are aligned with the agency's strategic objectives and support core mission capabilities across planning, response, and continuity operations.

IT Support:

These factors underscore the urgent need for continued investment, strategic alignment, and cross-agency collaboration to fully transition to a secure, modern, and resilient IT environment.

IT Strategic Plan Budget Tables

Current IT Services				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Projected Service Fees	\$1,019,703	\$1,543,436	\$1,050,294	\$1,589,739
VITA Infrastructure Changes				
Estimated VITA Infrastructure	\$1,019,703	\$1,543,436	\$1,050,294	\$1,589,739
Specialized Infrastructure				
Agency IT Staff	\$1,369,902	\$263,911	\$1,411,000	\$277,106
Non-agency IT Staff		\$180,000		\$200,000
Cloud Computing Service				
Other Application Costs	\$227,131	\$2,837,500	\$235,175	\$2,883,200
Total:	\$2,616,736	\$4,824,847	\$2,696,469	\$4,950,045

Proposed IT Investments				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Major IT Projects:	\$1,170,000	\$2,431,500	\$1,170,000	\$3,823,000
Non-Major IT Projects:	\$143,346	\$49,741	\$143,346	\$49,741
Agency-Level IT Projects:				
Major Stand Alone IT Procurements:	\$2,863,000	\$963,900	\$2,670,000	\$1,000,000
Non-Major Stand Alone IT Procurements:	\$200,000	\$74,252	\$200,000	\$125,000
Agency-Level Stand Alone IT Procurements:		\$65,484		
Procurement Adjustment:				
Total:	\$4,376,346	\$3,584,877	\$4,183,346	\$4,997,741

Projected Total IT Budget				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Current IT Services	\$2,616,736	\$4,824,847	\$2,696,469	\$4,950,045
Proposed IT Investments	\$4,376,346	\$3,584,877	\$4,183,346	\$4,997,741
Total	\$6,993,082	\$8,409,724	\$6,879,815	\$9,947,786

Commonwealth Projects >= \$250,000.00

Agency:	127 Department of Emergency Management (VDEM)		
Date:	10/10/2025		
VDEM - VESTA SAU Project			
Category 4		Project Initiation Approval	
VDEM's mission is to lead Virginia's prevention, protection, mitigation, response, and recovery efforts to save lives and protect all Virginians, prioritizing under-resourced communities and embracing equity. It is a call our agency fulfills to ensure the security and resilience of every community in the state, and to drive equitable mitigation and recovery outcomes. VDEM continuously strives to improve its readiness by planning for all hazards and improving our statewide response system. We accomplish this by providing training, equipping teams with the best technology, and exercising together as a team comprising local, state, and federal governments; private sector partners; and non-governmental organizations. VDEM'S current office phones utilize Voice Over Internet Protocol (VOIP). The VOIP system is on two physical servers in the server room located in the VA Emergency Operations Command (VEOC).			
Project Start Date	5/29/2025	Project End Date	2/1/2026
Estimated Costs:	Total	General Fund	Non-General Fund
Project Cost	\$720,465		
Estimated first year of biennium:	\$0		
Estimated second year of biennium:	\$0		

Project Related Procurements

There are no procurements for this project

Commonwealth Procurements >= \$250,000.00

Agency:	127 Department of Emergency Management (VDEM)
Date:	10/10/2025
Procurement Name:	VDEM PROCUREMENT - FLOOD INTEL GAUGE
Procurement Date	6/28/2024
Procurement Description:	Purchase additional flood/rain gauges across the Commonwealth, implement new software.
Procurement Name:	VDEM - VGIN - VBMP 2024 - 2028
Procurement Date	12/14/2028
Procurement Description:	The VA geographic Information Network VGIN manages the Virginia Base Mapping Program (VBMP). VBMP updates commonwealth-wide orthoimagery production on a 4 year cycle. This is completed using a Stteside IT Contract (VA-240822-SANB). The VGIN operating budget is resourced to complete statewide acquisition of the base product. Virginia localities may acquire 'buy uo' products from the contract VGIN manages technical production and quality control for these products. VGIN bills localities for these products fifty percent on firm and fifty percent on delivery.
Procurement Name:	VDEM PROCUREMENT - DataMinr
Procurement Date	7/17/2026
Procurement Description:	Dataminr, Inc. (Dataminr), through the First Alert platform, provides a unique, customizable incident detection and alerting functionality that is easily configurable to support enterprise information needs, ensuring the right people get the right information at the right time.
Procurement Name:	VDEM Procurement - eCATS 9-1-1 Analytics (FY23-28)
Procurement Date	12/31/2027
Procurement Description:	On behalf of the 9-1-1 Services Board, VDEM is procuring continued monthly subscription of "9-1-1 CHE MIS Call Handling Reporting and Text to 9-1-1 Reporting & Enhanced Reports" as listed in the contract. Statewide pricing for this line item is as follows: • Per the contract, there are 1085 positions across Virginia • The MONTHLY Per Seat pricing set by the contract is \$48.93 per position per month • The MONTHLY total cost is set by the contract at \$53,089.05 for all 1085 positions • The ANNUAL total cost is \$637,068.60 for January 2023 – December 2023 • Expected 5-year total life of the contract pricing - \$3,185,343.00 (Calendar Year 2023 – 2027)

Procurement Name:	VDEM Procurement - ESRI SOC2 Hosting - 2025
Procurement Date	12/31/2025
Procurement Description:	VDEM is renewing the contract for the secured ESRI SOC 2 cloud hosting environment. Annual renewal of Planning and Intelligence GIS ESRI Managed Cloud Services (EMCS) secured cloud hosted environment for the storage and hosting of secured data as well as data updated in near real time.
Procurement Name:	VDEM PROCUREMENT - IPADS
Procurement Date	6/30/2023
Procurement Description:	VDEM is requesting the procurement of 107 new IPAD Pro tablets to replace existing end of life equipment. The procurement supports and enhances the agency's disaster response and recovery field operations. Cost includes the total cost of ownership for 3 years of wireless service and accessories.
Procurement Name:	VDEM VGIN - VBMP 2022 - 2025
Procurement Date	12/30/2022
Procurement Description:	The Virginia Geographic Information Network (VGIN, § 44-146.18:6) manages the Virginia Base Mapping Program (VBMP). VBMP updates commonwealth-wide orthoimagery production on a four (4) year cycle. This is completed using a Statewide IT Contract (VA-200922-SURD). The VGIN operating budget is resourced to complete statewide acquisition of the base product (12", 4-band). Virginia localities may acquire 'buy-up' products from the contract. VGIN manages technical production and quality control for these products. VGIN bills localities for these products fifty percent on confirmed acquisition of aerial imagery, and fifty percent on delivery.