

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

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Agency Profile & Strategic Direction

Agency Mission Statement:

To provide a responsive, coordinated, composite statewide police department, independent yet supportive of other law enforcement agencies; to preserve law and order; to enforce criminal, traffic, and regulatory laws; and to provide security and safety services in the most effective manner.

Agency IT Vision Statement:

A more secure data communications will be implemented throughout the Department's networks. It is Virtual Private Network which will provide data encryption to all State Police and outside agency sites. This will add security for critical systems such as the VCIN, AFIS/Livescan, the TIPS, and the State Police LAN/WAN.

The Counter Terrorism-Disaster Recovery project will modify and enhance the current systems architecture and include a "hot site" that will be located at a location remote from the State Police Administrative Headquarters. Information would be replicated at frequent intervals daily to the remote site. It would become operational in the event of an attack or disaster as soon as the data communications could be routed to the new facility.

DMV photos will be available for investigative purposes through VCIN. The State Police will have an initiative with the Department of Motor Vehicles to obtain driver license photos online. VSP will control the dissemination of these images to users.

The VCIN system will provide imaging capability to its users. State Police will connect to the NCIC for photos and other images. Criminal Justice agencies in Virginia will be able to obtain images such as Wanted Persons, Stolen Vehicles, and Stored Vehicles.

The Department plans to move all computer applications to Oracle database and JAVA programming language in the future. This will include all MAPPER programming as well as database applications. The agency's applications will become current technology that are more flexible and effective for criminal justice services.

An upgrade to AFIS is needed to conduct single finger searches from wireless units (PDA, MCT, etc.) used by criminal justice personnel in the field. In addition, storage and searching of palm prints would increase the suspect identification from crime scene latents.

The Department will convert the hard copy master fingerprint cards to electronic.

Converting these cards to the national standard for fingerprints storage and transmission would allow the file to be backed up and kept off site in case of disaster. It would also allow for these records to be more easily accessed by state and local fingerprint personnel.

Develop a Statewide Mug-shot system and repository for other images. Provide the means to accept, store, retrieve, and search mug-shots and other images (scars, marks, and tattoos) from local law enforcement agencies. These images will be sent to VSP as part of a NIST package generated from a criminal arrest process or Sex Offender registration.

Define, develop, and implement a centralized criminal justice name index to be utilized by State Police, Criminal Justice Agencies, and the Supreme Court of Virginia. The index will provide a means to access the data on file for the individual regardless of where the data is housed – at VSP, at DOC, at the Supreme Court, etc. This file would be used in a real-time environment to answer criminal justice related inquiries.

Total Employees: 2,345

Total IT Employees: 108

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Project Selection Criteria:

Projects are introduced for funding based on the needs of the Department and its mission. Either a grant proposal or a request to the Department of Planning and Budget is made. Screening is conducted by the Bureau of Administrative Support Services to ensure they meet the needs of the Department.

Business Case Development:

Systems Analysts perform data gathering by interviewing key customer personnel. Findings are reviewed by relevant management personnel before it is presented to top management for funding considerations.

Risk Assessment Methodologies:

Risk is mitigated by utilizing prior experience in other projects. Consulting is done with stakeholders as well as IT technical staff pertaining to internal and external threats. Background checks on all employees reduce risk. Cross training of personnel and extensive documentation of projects ensure success.

Prioritization Schema:

The projects are prioritized to match the mission of the agency. Projects that impact mission critical objectives are given the highest priority.

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Core Business Activities:

Core Business Activity Title	Core Business Activity Description	Core Business Activity Sub-Function Title	Core Business Activity Sub-Function Description
EXECUTIVE MANAGEMENT	Efforts to assist the Governor in statewide management of state activities.	Executive Management	This program may be used with the prior written approval of the Department of Planning and Budget
MANUFACTURING AND MERCANTILE SERVICES	Efforts to manage and operate production and commodity activities.	Vending Facilities, Snack Bars, and Cafeterias	Efforts to provide food services.
GROUND TRANSPORTATION	Efforts to plan, develop, maintain, and regulate all forms of ground transportation.	Ground Transportation System Safety	Efforts to promote the safe transport of people and goods over the ground transportation system of the state.
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Criminal Justice Information Systems and Statistics	Efforts to provide standardized and readily accessible information and rapid communication for the criminal justice system and to provide oversight and review of the system.
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Criminal Justice Training, Education, and Standards	Efforts to provide training and education and to establish standards in order to support the criminal justice system.
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Crime Detection, Investigation, and Apprehension	Efforts to detect and investigate crime and to apprehend criminals in order to protect persons and property from illegal actions.



Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Administrative and Support Services	Efforts to provide overall administrative and logistical support services.
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Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Key Customers Associated With Each Core Business Activity :

Core Business Activity Title	Core Business Activity Description	Core Business Activity Sub-Function Title	Core Business Activity Sub-Function Description
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Criminal Justice Information Systems and Statistics	Efforts to provide standardized and readily accessible information and rapid communication for the criminal justice system and to provide oversight and review of the system.
Key Customers			
Businesses			
Citizens			
Courts			
Law Enforcement Agencies- State			
Law Enforcement Agencies-Local			
Legislators			
Local Governments			
Other State Governments			
State Government			
Victims/Witnesses			
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Criminal Justice Training, Education, and Standards	Efforts to provide training and education and to establish standards in order to support the criminal justice system.
Key Customers			
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Citizens			
Courts			
Law Enforcement Agencies- State			
Law Enforcement Agencies-Local			
Legislators			
Local Governments			
Other State Governments			



Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

State Government Victims/Witnesses			
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Crime Detection, Investigation, and Apprehension	Efforts to detect and investigate crime and to apprehend criminals in order to protect persons and property from illegal actions.
Key Customers			
Businesses			
Citizens			
Courts			
Law Enforcement Agencies- State			
Law Enforcement Agencies-Local			
Legislators			
Local Governments			
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Victims/Witnesses			
CRIME DETERRENCE, SUPPRESSION AND CONTROL	Efforts to prevent crime, fraud, and other illegal or dangerous activities, investigate and detect criminal or illegal acts, and apprehend and detain violators of the law.	Administrative and Support Services	Efforts to provide overall administrative and logistical support services.
Key Customers			
Businesses			
Citizens			
Courts			
Law Enforcement Agencies- State			
Law Enforcement Agencies-Local			
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State Government			
Victims/Witnesses			

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

<p>GROUND TRANSPORTATION</p> <p>Efforts to plan, develop, maintain, and regulate all forms of ground transportation.</p> <p>Key Customers</p> <ul style="list-style-type: none"> Businesses Citizens Courts Law Enforcement Agencies- State Law Enforcement Agencies-Local Legislators Local Governments Other State Governments State Government Victims/Witnesses 	<p>Efforts to plan, develop, maintain, and regulate all forms of ground transportation.</p>	<p>Ground Transportation System Safety</p>	<p>Efforts to promote the safe transport of people and goods over the ground transportation system of the state.</p>
<p>EXECUTIVE MANAGEMENT</p> <p>Efforts to assist the Governor in statewide management of state activities.</p> <p>Key Customers</p> <ul style="list-style-type: none"> Businesses Citizens Courts Law Enforcement Agencies- State Law Enforcement Agencies-Local Legislators Local Governments Other State Governments State Government Victims/Witnesses 	<p>Efforts to assist the Governor in statewide management of state activities.</p>	<p>Executive Management</p>	<p>This program may be used with the prior written approval of the Department of Planning and Budget</p>
<p>MANUFACTURING AND MERCANTILE SERVICES</p> <p>Efforts to manage and operate production and commodity activities.</p> <p>Key Customers</p> <ul style="list-style-type: none"> Businesses Citizens Courts Law Enforcement Agencies- State Law Enforcement Agencies-Local Legislators 	<p>Efforts to manage and operate production and commodity activities.</p>	<p>Vending Facilities, Snack Bars, and Cafeterias</p>	<p>Efforts to provide food services.</p>

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Local Governments
Other State Governments
State Government
Victims/Witnesses

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Key Activities and Associated Outcomes:

<u>Key Activity</u>	<u>Associated Outcome</u>

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Major IT Projects

Approved for Preliminary Planning — The following project(s) scheduled for initiation in the 2004-2006 Budget Biennium is (are) approved for inclusion in your IT Strategic Plan. A project proposal must be submitted to the CIO before the project(s) will be considered for planning approval. Procurements in support of the project(s) are not approved for submission to the VITA Project Management Division (PMD) for execution until the project has been Approved for Planning by the CIO. For detailed instructions refer to the Interim Procedures for the Initiation and Approval of Major and Non-major Information Technology Projects.

<http://www.vita.virginia.gov/projects/cpm/cpmDocs/projectInitInterimProcs030903.doc>

There are no major projects approved for preliminary planning.

Approved for Planning — The following project(s) scheduled for initiation in the 2004-2006 Budget Biennium is (are) approved for planning. This approval constitutes authorization to undertake the planning necessary to complete a detailed project proposal and project charter for consideration by the Secretariat Oversight Committee and the CIO. Projects "Approved for Planning" must be formally approved for development by the Commonwealth IT Investment Board prior to beginning Phase 3 of the project lifecycle (Project Planning) and execution as defined in the Commonwealth Project Management Guideline. Procurements in support of developing the detailed project proposal and charter are approved for submission to the VITA Project Management Division (PMD) for execution, in accordance with PMD procedures. For detailed instructions refer to the Interim Procedures for the Initiation and Approval of Major and Non-major Information Technology Projects.

<http://www.vita.virginia.gov/projects/cpm/cpmDocs/projectInitInterimProcs030903.doc>

Project Formal Title	Planned Start Date	Planned Completion Date	Estimate At Completion
Enhancement of the Automated Fingerprint Identification System21 (AFIS21) - Palm Print Search	09/01/2005	11/01/2006	\$2,000,000
Enhancement of the Automated Fingerprint Identification System21 (AFIS21) - Wireless Access	08/01/2004	06/30/2006	\$2,000,000
Criminal Justice Information System (CJIS) Master Name Index	01/01/2005	06/01/2007	\$2,000,000
Enhancement of the Live Scan System	07/01/2004	06/30/2006	\$400,000
Conversion of Master Fingerprint File to Electronic Archive	07/01/2004	06/30/2006	\$1,600,000
Enhancement of the Automated Fingerprint Identification System21 (AFIS21)	06/01/2004	06/30/2006	\$700,000
Consolidated Billing System	03/25/2002	03/31/2005	\$855,000
Statewide Mug-shot and Other Images Repository	12/01/2004	06/01/2005	\$725,000
Re-Write the Automated Workflow for Fingerprint Submissions	07/01/2005	06/30/2006	\$420,000
Disaster Planning	07/01/2004	06/30/2006	\$2,200,000
Conversion of Database Systems on New Platform	07/01/2005	06/30/2006	\$4,000,000
Sun Microsystems SUN Fire 6800 Midrange Server upgrade project	01/01/2006	06/30/2006	\$2,250,000
Upgrade of Virginia Criminal Information Network software	07/01/2005	12/31/2005	\$100,000
Dissemination of Department of Motor Vehicles photos	07/01/2004	06/30/2005	\$980,000
Sex Offender Registry/Livescan Interface for Mugshots	02/01/2005	10/31/2005	\$109,600

Active Projects — The following project(s) are(is) scheduled to continue in the 2004-2006 Budget Biennium as an Active Project. All Active Projects must be tracked on the Commonwealth Information Technology Major Projects Dashboard and are subject to monthly review by the CIO. The CIO is authorized to assess progress of all Active Projects and recommend termination of a project to the Commonwealth IT Investment Board.



Agency IT Strategic Plan

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Agency Code: 156

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Project Formal Title	Planned Start Date	Planned Completion Date	Estimate At Completion
Statewide Agencies Radio System	07/01/1999	10/01/2006	\$370,000,000
Mobile Computer Terminal Upgrade Project	07/01/2001	12/31/2004	\$3,731,522
State and Local Preparedness Program	01/02/2003	06/30/2005	\$4,000,000

Collaboration Opportunity — The following project(s) is (are) designated as a Collaboration Opportunity. Your agency should consult with the other agencies listed on the corresponding collaboration report and evaluate whether collaboration between agencies on these projects is feasible. The results of your collaboration efforts and evaluation should be reported when the project is presented to the Commonwealth IT Investment Board for "Development Approval".

Public Safety

Projects associated with enhancing public safety are to work with the VITA Security Division, the Virginia Geographic Information Network (VGIN) Division of VITA, and the Secretariat of Public Safety to maximize benefits, coordinate efforts and interoperability, and to implement standards.

- Conversion of Master Fingerprint File to Electronic Archive
- Criminal Justice Information System (CJIS) Master Name Index
- Disaster Planning
- Dissemination of Department of Motor Vehicles photos
- Enhancement of the Automated Fingerprint Identification System²¹ (AFIS²¹)
- Enhancement of the Automated Fingerprint Identification System²¹ (AFIS²¹) - Palm Print Search
- Enhancement of the Automated Fingerprint Identification System²¹ (AFIS²¹) - Wireless Access
- Enhancement of the Live Scan System
- Re-Write the Automated Workflow for Fingerprint Submissions
- Sex Offender Registry/Livescan Interface for Mugshots
- Statewide Mug-shot and Other Images Repository
- Upgrade of Virginia Criminal Information Network software

VITA Infrastructure Projects

Review all technology projects which include infrastructure acquisitions or upgrades with VITA Computer Services and Supply Chain Management staff to evaluate architecture requirements and collective procurements.

- Conversion of Database Systems on New Platform
- Sun Microsystems SUN Fire 6800 Midrange Server upgrade project

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Major IT Procurements

Approved Major IT Procurements - The following major procurements are approved for submission to the VITA Project Management Division (PMD) for execution in accordance with PMD procedures.

Procurement Description	Planned Procurement Delivery Date	Estimated Procurement Cost
Upgrade of AFIS 21 CPU and Tenprint System	09/01/2004	\$1,200,000

Disapproved Major IT Procurements - The following major procurements are not approved for submission to the VITA Project Management Division (PMD). The agency should not take any action on the major procurements listed below.

There are no disapproved major procurements.

Agency IT Strategic Plan

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Agency Code: 156

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Non-major IT Projects

Approved for Planning— The following project(s) scheduled for initiation in the 2004-2006 Budget Biennium is (are) approved for planning. This approval constitutes authorization to undertake the planning necessary to complete a detailed project proposal and project charter for consideration by the CIO. Projects "Approved for Planning" must be formally approved for development by the CIO prior to beginning Phase 3 of the project lifecycle (Project Planning) and execution as defined in the Commonwealth Project Management Guideline. Procurements in support of developing the detailed project proposal and charter are approved for submission to the VITA Project Management Division (PMD) for execution, in accordance with PMD procedures. For detailed instructions refer to the Interim Procedures for the Initiation and Approval of Major and Non-major Information Technology Projects.

<http://www.vita.virginia.gov/projects/cpm/cpmDocs/projectInitInterimProcs030903.doc>

Project Formal Title	Planned Start Date	Planned Completion Date	Estimate At Completion
Biometrics Identification	07/01/2004	06/30/2006	\$176,500.00
Charge Standardization Project	02/01/2004	12/01/2004	\$234,000.00
Computerized Criminal History Monitoring/Tracking Project	08/01/2003	08/01/2004	\$156,000.00
Electronic Fingerprint Archive System	01/01/2005	12/31/2005	\$350,000.00
IT Communications Infrastructure upgrade	09/01/2004	12/30/2004	\$175,000.00
Wireless Communications for State Police offices	07/01/2004	06/30/2005	\$120,000.00

Agency IT Strategic Plan

Secretariat: Public Safety

Agency Code: 156

Agency: Department of State Police

Non-major IT Procurements

Approved Non-major IT Procurements - The following non-major procurements are approved for submission to the VITA Project Management Division (PMD) for execution in accordance with PMD procedures.

Procurement Description	Planned Procurement Delivery Date	Estimated Procurement Cost
Upgrade of AFIS 21 Latent System	06/01/2005	\$800,000
Upgrade/Expansion of the AFIS 21 System Software/Hardware Components - phase 1	06/01/2005	\$650,000
Upgrade/Expansion of the AFIS 21 System Software/Hardware Components - phase 2	06/01/2006	\$650,000
Upgrade/Expansion of the Live Scan System Components	06/01/2005	\$150,000
Upgrade/Expansion of the Live Scan System Components - phase 2	06/01/2006	\$150,000

Disapproved Non-major IT Procurements - The following non-major procurements are not approved for submission to the VITA Project Management Division (PMD). The agency should not take any action on the major procurements listed below.

There are no disapproved non-major procurements.