

## Report Title: Appendix A 08 - 10 Report

**Agency:** Department of State Police (VSP)

**Date:** 6/5/2008

**Agency Head Approval:**

No

### Major Projects

#### Law Enforcement Activity Management System

##### Appropriation Act/Funding Status

Fully Funded  
NGF 100%

VSP has received federal grant funds totaling \$3,710,807 for the Law Enforcement Activity Management System (LEAMS) project. The LEAMS project will provide a comprehensive system to support the documentation of criminal investigations and related law enforcement activities and reduce the agency's dependence on burdensome paper-based workflows and difficult-to-change legacy technologies. The system will make use of up-to-date technology to upgrade process controls, management/supervisory oversight, data quality, processing timeliness, system access, analytical tools, and intra-agency and inter-agency cooperation needed to maintain quality law enforcement records as mandated under §15.2.-1722 of the Code of Virginia.

VSP plans to use state-of-the-art technology to upgrade process controls, management/supervisory oversight, data quality, processing timeliness, system access, analytical tools, and intra-agency and inter-agency cooperation. A summary of the project constraints and requirements are listed in section B.4.

To make this project more manageable and to reduce project risks, the project has been divided into multiple phases. Phase 1, the primary focus of this Project Proposal, will cover the business areas listed in section B.3., column titled "Core Business Activity Sub-Function Title." This work has been funded. Work after phase 1 has not been funded. Additional project phases will be proposed to automate ticket and summons processing, court subpoena processing, accident reporting, interfaces with corrections agencies, the sharing of pawn shop information, mapping/GIS, National Law Enforcement Telecommunications System (NLETS) integration, and other areas. Funding for this additional work will be requested after phases 1 is mostly completed.

Other law enforcement agencies face similar challenges and VSP has structured the project so other agencies can use LEAMS after phase 1.

##### Project Approach

The project team identified the constraints and requirements summarized in section B.4., reviewed investigation management projects in other agencies to identify "lessons learned," reviewed the marketplace to identify applicable vendors and products, and consulted with the National Institute of Justice and others.

VSP's original approach was to issue a Request For Proposal (RFP), select the most qualified vendor, update VSP processes, and implement a Commercial Off-The-Shelf (COTS) product. It was anticipated that this approach would mitigate risks, make costs more predictable, and allow VSP to implement a system more quickly. When we compared our constraints and requirements to marketplace offerings, it became apparent that the COTS marketplace did not have a significant record of success implementing comprehensive systems in larger agencies.

VSP also reviewed Government-Owned Off-The-Shelf (GOTS) products. GOTS products create opportunities for agencies to share technology costs and expertise, but still retain control to pursue agency specific priorities. Agencies that "own" GOTS products usually do not have marketing departments and do not respond to RFPs, which creates challenges when comparing GOTS and COTS products for procurement purposes.

Page 2 of the Cost-Benefit Analysis provides additional information on the project approach.

##### Specific Solution

VSP will base LEAMS on a GOTS product called I2G. I2G (short for I2MS second generation) is an updated version of a system called the Investigative Information Management System (I2MS). I2MS was developed by the Air Force's Office of Special Investigations (OSI) as a client-server solution. Several agencies implemented I2MS as a GOTS solution. Two of these agencies, the Department of Defense's Criminal Investigation Task Force (CITF) and DHS' Immigration & Customs Enforcement (ICE), moved I2MS to a web-based architecture and renamed the system "I2MS Second Generation"

(I2G). CITF and ICE are using phased implementations, similar to LEAMS. CITF started				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Continuing
Planned project start date:	6/15/2005	Planned project end date:	6/7/2009	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$3,530,000	\$0	\$3,530,000	
Estimated project expenditures first year of biennium:	\$1,723,400	\$290,400	\$1,433,000	
Estimated project expenditures second year of biennium:	\$290,000	\$290,000	\$277,000	
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				
Funding required for second year of biennium:				
<b>Service Area</b>			<b>Weight</b>	
156 VSP 31006 Crime Investigation and Intelligence Services			Primary	
156 VSP 30203 Criminal Justice Information Services			Secondary	
156 VSP 31002 Commercial Vehicle Enforcement			Secondary	
156 VSP 31003 Counter-Terrorism			Secondary	
156 VSP 31005 Drug Enforcement			Secondary	
156 VSP 31007 Uniform Patrol Services (Highway Patrol)			Secondary	
156 VSP 39900 Administrative and Support Services			Secondary	
<b>Project Related Procurements</b>				
Expansion/enhancement of RMS system.				
Procurement Description:	Expansion/enhancement of RMS system.			
Planned Delivery Date:	7/1/2008	Procurement Cost:	\$1,800,000	
Procure RMS system.				
Procurement Description:	Procure RMS system.			

Planned Delivery Date:	7/1/2007	Procurement Cost:	\$1,300,000	
<b>LEAMS - Phase 1.1-1.4 Technical Support</b>				
Procurement Description:	Procurement of services for LEAMS Phases 1.1-1.4 to manage the functional and technical requirements, create a quality assurance environment; user acceptance testing environment and deployment environment. These services will also include performance tuning of the LEAMS databases and servers during the analysis and development phases.			
Planned Delivery Date:	8/31/2008	Procurement Cost:	\$135,100	
<b>LEAMS Services Procurement Phase 1.1 - 1.4</b>				
Procurement Description:	Procurement of vendor services to customize I2G software which was given to Virginia State Police by federal agencies as a GOTS product. See attached SOW and cost proposal.			
Planned Delivery Date:	6/7/2009	Procurement Cost:	\$875,000	
<b>Replacement and Enhancement of the Central Criminal History (CCH) Application</b>				
<b>Appropriation Act/Funding Status</b>				Fully Funded GF 100%
This project is to replace the CCH application with a package and/or software developed in a modern programming and database technology consistent with Virginia's Enterprise Architecture Standards. The current system is written in MFCOBOL and relies upon proprietary emulation technology for its operations. Money was appropriated in the 2006 General Assembly to begin the migration of this critical system.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	4/2/2007	Planned project end date:	6/30/2014	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$6,500,000	\$6,500,000	\$0	
Estimated project expenditures first year of biennium:	\$1,500,000	\$1,500,000		General Funds
Estimated project expenditures second year of biennium:	\$2,000,000	\$2,000,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$1,500,000	\$1,500,000		General Funds
Funding required for second year of biennium:	\$2,000,000	\$2,000,000		General Funds
<b>Service Area</b>			<b>Weight</b>	

156 VSP 30203 Criminal Justice Information Services		Primary		
156 VSP 30201 Information Technology Systems and Planning		Secondary		
<b>Project Related Procurements</b>				
Procurement of Consulting Services for Development of an RFP for the CCH System				
Procurement Description:	Purchase of consulting services to develop requirements and a Request For Proposal for replacement of the Computerized Criminal History (CCH) system. Funding was received by the 2006 General Assembly for this.			
Planned Delivery Date:	2/29/2008	Procurement Cost:	\$235,070	
<b>Automation of Motor Vehicle Inspection Program</b>				
<b>Appropriation Act/Funding Status</b>				
The Department of State Police received funding in the 2006 General Assembly to assist in the administration of the Annual Motor Vehicle Inspection Program including the automation of the inspection files and receipts.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	7/2/2007	Planned project end date:	6/30/2011	
<b>Estimated Costs:</b>				
	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$3,500,000		\$3,500,000	
Estimated project expenditures first year of biennium:	\$800,000		\$800,000	Non-general Funds
Estimated project expenditures second year of biennium:	\$1,200,000		\$1,200,000	Non-general Funds
<b>Funding Required:</b>				
	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				Non-general Funds
Funding required for second year of biennium				Non-general Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 31010 Vehicle Safety Inspections			Primary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement				

Description:				
Planned Delivery Date:		Procurement Cost:	\$	
<b>Central Criminal Image System</b>				
<b>Appropriation Act/Funding Status</b>				
State Police received money from the 2006 General Assembly for the implementation of a mugshot system to accept, process, store, retrieve and search mugshots and other images received as part of the arrest. An RFP was issued January 19, 2007 and a vendor was selected.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Continuing
Planned project start date:	3/26/2007	Planned project end date:	8/8/2008	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$908,207	\$845,125	\$63,082	
Estimated project expenditures first year of biennium:				
Estimated project expenditures second year of biennium:				
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				
Funding required for second year of biennium:				
<b>Service Area</b>			<b>Weight</b>	
156 VSP 31006 Crime Investigation and Intelligence Services			Primary	
156 VSP 31007 Uniform Patrol Services (Highway Patrol)			Secondary	
<b>Project Related Procurements</b>				
VSP Mugshot system				
Procurement Description:	Procurement of Mugshot system, customization and installation services.			
Planned Delivery Date:	6/15/2007	Procurement Cost:	\$745,125	
<b>Central Criminal Repository and Support Systems Improvement</b>				
<b>Appropriation Act/Funding Status</b>				Not Funded
This proposal would replace the Firearms and other VSP central repository databases, interfaces, and related applications required by Virginia State Police from a dated, inflexible legacy software platform				

to one that meets Virginia's Enterprise Architecture Standards. In addition, it would provide for the replacement of the Mapper and other MFCOBOL applications at State Police. These applications include administrative support systems and other applications unique to State Police such as Aviation Flight Reporting, Crime Prevention, Combined Accident Reduction effort etc. The new software solutions will be built on proven, accepted, state-of-the-art programming languages and database products and existing state solutions and contracts will be utilized where possible. The central repository solutions will meet all the FBI standards including the NIEM XML standards.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Continuing
Planned project start date:	7/1/2007	Planned project end date:	6/30/2012	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$2,700,000	\$2,700,000	\$0	
Estimated project expenditures first year of biennium:	\$500,000	\$500,000		General Funds
Estimated project expenditures second year of biennium:	\$750,000	\$750,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$500,000	\$500,000		General Funds
Funding required for second year of biennium	\$750,000	\$750,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30203 Criminal Justice Information Services			Primary	
156 VSP 30206 Firearms Purchase Program			Secondary	
156 VSP 30207 Sex Offender Registry Program			Secondary	
156 VSP 31003 Counter-Terrorism			Secondary	
156 VSP 31006 Crime Investigation and Intelligence Services			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:	\$	
<b>Replacement and Enhancement of the Statewide Incident-Based Reporting System</b>				
<b>Appropriation Act/Funding Status</b>				Not Funded

The current statewide Incident-Based Reporting System needs to be replaced because it is based on older legacy technology and does not meet the needs of the law enforcement community in Virginia. The current system is based on proprietary technology which relies upon support from a small firm and it is difficult to modify or enhance. In addition, personnel to support this system are not readily available in the marketplace due to the system platform (MFCobol). For these reasons, it is imperative that it be redeveloped consistent with Virginia's Enterprise Architecture standards.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	7/1/2007	Planned project end date:	6/30/2010	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$1,200,000	\$1,200,000	\$0	
Estimated project expenditures first year of biennium:	\$500,000	\$500,000		General Funds
Estimated project expenditures second year of biennium:	\$400,000	\$400,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$500,000	\$500,000		General Funds
Funding required for second year of biennium	\$400,000	\$400,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30203 Criminal Justice Information Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
156 VSP 31006 Crime Investigation and Intelligence Services			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:	\$	
<b>Statewide Agencies Radio System</b>				
<b>Appropriation Act/Funding Status</b>				
Upgrade existing Virginia State Police Land Mobile Radio and microwave networks to create a shared network for all agencies.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Continuing

Continuing)?				
Planned project start date:	7/1/1999	Planned project end date:	9/2/2009	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$357,244,677	\$0	\$357,244,677	
Estimated project expenditures first year of biennium:	\$28,140,715	\$2,500,000	\$25,640,715	General Funds
Estimated project expenditures second year of biennium:	\$15,500,000	\$2,500,000	\$13,000,000	General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$0			General Funds
Funding required for second year of biennium	\$0			General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30204 Telecommunications and Statewide Agencies Radio System (STARS)			Primary	
<b>Project Related Procurements</b>				
Interface VSP CAD with STARS Mapping System				
Procurement Description:	Mapping System on VSP CAD to interface with STARS Mapping system and AVL information from STARS radio users.			
Planned Delivery Date:	9/30/2006	Procurement Cost:	\$300,000	
STARS Dispatch Center Upgrades				
Procurement Description:	Interface between existing VSP CAD system and new phone system to be installed by Motorola as part of the STARS dispatch center upgrades.			
Planned Delivery Date:	12/31/2005	Procurement Cost:	\$100,000	
STARS Microsoft XXXXXX Licenses				
Procurement Description:	To be provided by Pat Trent			
Planned Delivery Date:		Procurement Cost:	\$250,000	
STARS Project Manager				
Procurement Description:	Requesting a Program Manager Level 3 person to fill the STARS Project Manager (PM) position for approximately 20 months. A total authorized expenditure amount of \$172,410.00 for a one (1) year period is approved at this time. A copy of the Scope of Work is attached for this position.			

	Telecommunication Systems skills will be a plus for the individual filling this position.			
Planned Delivery Date:	5/31/2009	Procurement Cost:	\$172,410	
STARS Support FY05				
Procurement Description:	Interface between existing VSP CAD systems and STARS Radio system provided by Motorola.			
Planned Delivery Date:	12/31/2005	Procurement Cost:	\$115,000	
STARS Support FY05 pt 2				
Procurement Description:	Interface between existing VSP CAD system, Mobile Switch System and the Stars Mobile software provided by Motorola.			
Planned Delivery Date:	9/5/2005	Procurement Cost:	\$153,000	
<b>Virginia Intelligence Management System (VIMS)</b>				
<b>Appropriation Act/Funding Status</b>				Not Funded
In 2005, the Virginia Infusion Center (VFC) was formed within Virginia State Police to focus on counter terrorism intelligence investigations and analysis. The VFC is a joint operation between VSP and the Virginia Department of Emergency Management (VDEM). VSP currently operates two systems for statewide intelligence, Tactical Intelligence Processing System (TIPS) and Virginia Critical Information Shared System (VCISS). VSP plans to replace and enhance these systems. TIPS is based on proprietary technology (Mapper) and has limited functionality. The new enhanced system will support statewide intelligence information collection, management, sharing, analysis and dissemination of information among local, state and federal agencies.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	7/1/2006	Planned project end date:	6/30/2014	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$15,200,000	\$14,500,000	\$700,000	
Estimated project expenditures first year of biennium:	\$2,000,000		\$2,000,000	Non-general Funds
Estimated project expenditures second year of biennium:	\$3,000,000		\$3,000,000	Non-general Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$0			Non-general Funds
Funding required for second year of biennium:	\$0			Non-general Funds

<b>Service Area</b>		<b>Weight</b>	
156 VSP 31006 Crime Investigation and Intelligence Services		Primary	
156 VSP 30201 Information Technology Systems and Planning		Secondary	
156 VSP 31003 Counter-Terrorism		Secondary	
<b>Project Related Procurements</b>			
Procure Consulting Services for Virginia Intelligence Management System (VIMS)			
Procurement Description:	Proposed Services: Noblis will provide consulting services to the Department of the Virginia State Police (VSP) to develop a Request for Proposal and evaluation materials for Virginia Intelligence Management System (VIMS). The effort under this procurement includes: Identification of an approach for the RFP Development of an RFP including Instructions to Offerors, Evaluation Criteria and Statement of Work Please see the attached Statement of Work from Noblis dated March 7, 2007 for detailed information regarding the proposed services.		
Planned Delivery Date:	12/31/2007	Procurement Cost:	\$290,000

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<b>Non-Major Projects</b>				
<b>Activity Time Reporting System</b>				
<b>Appropriation Act/Funding Status</b>				
The system would allow the reporting of activities of sworn officers' on shortened time intervals, electronically, assuming the availability of computer systems when required. Sworn officers can enter their activities directly into the system and avoid sending the manual SP-127 to the secretaries. This would save time filling-out the paper based form, submission of the form, and entry into the system. This would also improve the data quality; and provides better activity reports for management.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	8/15/2008	Planned project end date:	8/15/2010	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$250,000		\$250,000	
Estimated project expenditures first year of biennium:	\$125,000	\$125,000		General Funds
Estimated project expenditures second year of biennium:	\$125,000	\$125,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				General Funds
Funding required for second year of biennium				General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 31006 Crime Investigation and Intelligence Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
156 VSP 31007 Uniform Patrol Services (Highway Patrol)			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>AFIS/EFAS Upgrade</b>				

<b>Appropriation Act/Funding Status</b>				
The Automated Fingerprint Identification System (AFIS) and Electronic Fingerprint Archive Systems (EFAS) need to be upgraded and refreshed periodically to handle increasing data and transaction volumes and to ensure continued vendor support. The Electronic Fingerprint Archive system will be upgraded to the AFIS Integra-ID system.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	2/1/2009	Planned project end date:	6/30/2010	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$850,000		\$850,000	
Estimated project expenditures first year of biennium:	\$400,000	\$400,000		General Funds
Estimated project expenditures second year of biennium:	\$450,000	\$450,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				General Funds
Funding required for second year of biennium				General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30203 Criminal Justice Information Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>Asset Management (VEAP)</b>				
<b>Appropriation Act/Funding Status</b>				
Replacement and enhancement of State Police's legacy based inventory, fleet management and fixed asset systems.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed

Planned project start date:	6/1/2009	Planned project end date:	6/30/2010	
<b>Estimated Costs:</b>				
	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$550,000	\$550,000	\$0	
Estimated project expenditures first year of biennium:	\$150,000	\$150,000		General Funds
Estimated project expenditures second year of biennium:	\$400,000	\$400,000		General Funds
<b>Funding Required:</b>				
	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$125,000	\$125,000		General Funds
Funding required for second year of biennium	\$350,000	\$350,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 39900 Administrative and Support Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
156 VSP 31007 Uniform Patrol Services (Highway Patrol)			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>Automated Financial Systems (VEAP)</b>				
<b>Appropriation Act/Funding Status</b>				
Automation of accounts receivables, grants and project accounting for VSP and replacement of two legacy billing systems.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:				
	12/1/2008	Planned project end date:		3/1/2010
<b>Estimated Costs:</b>				
	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at	\$500,000		\$500,000	

completion):				
Estimated project expenditures first year of biennium:	\$300,000	\$300,000		General Funds
Estimated project expenditures second year of biennium:	\$200,000	\$200,000		General Funds
<b>Funding Required:</b>				
	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$275,000	\$275,000		General Funds
Funding required for second year of biennium	\$175,000	\$175,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 39900 Administrative and Support Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
156 VSP 30203 Criminal Justice Information Services			Secondary	
156 VSP 31007 Uniform Patrol Services (Highway Patrol)			Secondary	
156 VSP 31010 Vehicle Safety Inspections			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>CAD Mobile Mapping Interface</b>				
<b>Appropriation Act/Funding Status</b>				
Enhancement of Computer Aided Dispatch (CAD) system and Mobile Server System (MSS) to send, receive and process geographical coordinates between the CAD systems and the mobile users. Use Automatic Vehicle Locator (AVL) and Global Positioning System (GPS) to enhance officer safety and allow the department to track criminal and traffic trends using a geo-spatial system.				
The systems are proprietary tools developed by Northup Grumman Information IT. No Virginia state agencies have the system.				
STARS bond funds will be used to pay for this.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:				
10/1/2008		Planned project end date:		12/31/2009
<b>Estimated Costs:</b>				
	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>

Project Cost (estimate at completion):	\$275,000		\$275,000	
Estimated project expenditures first year of biennium:	\$175,000		\$175,000	Non-general Funds
Estimated project expenditures second year of biennium:	\$100,000		\$100,000	Non-general Funds
<b>Funding Required:</b>				
	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				Non-general Funds
Funding required for second year of biennium				Non-general Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 31007 Uniform Patrol Services (Highway Patrol)			Primary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>Central Investigative Image System (CIIS)</b>				
<b>Appropriation Act/Funding Status</b>				
The project approach would be to evaluate and acquire a COTS software solution to to manage digital crime scene and accident images. The software serves the needs of VSP's Criminal Justice Information Services (CJIS) Division.				
The expected benefits are:				
1. Faster turnaround of criminal and accident investigations images will allow VSP sworn personnel to process cases in a timelier manner.				
2. Centralized control of images will allow faster dissemination of images to citizens and entities lawfully entitled to request them.				
3. Providing access to digital images soon after their capture will reduce the costs of printing and mailing photographs.				
4. Reducing dependency on the USPS will increase security and lessen the chance of sensitive film negatives being lost or stolen.				
5. Store images electronically forever without degradation of the evidentiary record.				
6. Apply retention rules automatically to save time and ensure compliance.				
7. Provide a backup of images.				
8. A system that conforms to the Commonwealth's Enterprise Architecture standards.				
The estimate for funding is \$650,000 over a two year period of 2008 and 2009.				
The project is planned to start on March 31, 08 and would be executed in about 10 months.				
Is this a proposed project or the continuation of an active project? (Proposed or				Proposed

Continuing)?				
Planned project start date:	5/19/2008	Planned project end date:	2/13/2009	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$650,000		\$650,000	
Estimated project expenditures first year of biennium:	\$250,000		\$250,000	Non-general Funds
Estimated project expenditures second year of biennium:				
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				Non-general Funds
Funding required for second year of biennium				
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30203 Criminal Justice Information Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>Enhancement of Core Sex Offender Registry</b>				
<b>Appropriation Act/Funding Status</b>				
The current system is based on Oracle Forms and Reports and relies upon a vendor for support and to make legislative and other changes. Redevelopment of this in an environment that meets Virginia's Enterprise Architecture standards would enable the cost effective implementation of enhancements such as address validation and automated handling of NCIC transactions.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	3/2/2009	Planned project end date:	2/28/2010	

<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$500,000		\$500,000	
Estimated project expenditures first year of biennium:	\$200,000	\$200,000		General Funds
Estimated project expenditures second year of biennium:	\$300,000	\$300,000		General Funds
<b>Funding Required:</b>				
	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				General Funds
Funding required for second year of biennium:				General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30207 Sex Offender Registry Program			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>Human Resources Systems (VEAP)</b>				
<b>Appropriation Act/Funding Status</b>				
State Police needs to replace and upgrade its legacy HR systems and automate many of the functions in Human Resources that are handled manually.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date: 12/1/2008 Planned project end date: 8/31/2009				
<b>Estimated Costs:</b>				
	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$450,000	\$450,000	\$0	
Estimated project expenditures first year of biennium:	\$250,000	\$250,000		General Funds
Estimated project	\$200,000	\$200,000		General Funds

expenditures second year of biennium:				
<b>Funding Required:</b>				
	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$225,000	\$225,000		General Funds
Funding required for second year of biennium	\$175,000	\$175,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 39900 Administrative and Support Services			Primary	
156 VSP 30201 Information Technology Systems and Planning			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:		\$
<b>Replacement of the Firearms Application - Phase 1</b>				
<b>Appropriation Act/Funding Status</b>				
<p>VSP has received funding from the 2006 General Assembly to begin replacement of its legacy systems that depend upon COBOL and Mapper and the proprietary Inqlenet software. The Firearms system, which has both COBOL and Mapper components, is complex and difficult to maintain and support. In addition, it requires much manual intervention by its users in the performance of their job duties.</p> <p>The Firearms system will be replaced in phases. This project covers the first phase which includes the redesign and replacement of the functionality provided by the COBOL programs for the core system. The proposed scope of this project is to completely redesign and rewrite the legacy COBOL Firearms programs to a JEE (Java Enterprise Edition) web services based architecture. The existing JEE web based front-end, VCheck, will also require some redesign to interface with the new JEE system The new system will include the following components and enhancements:</p> <ul style="list-style-type: none"> <li>-Access VSP data sources (Criminal, Mental defect, Wanted, 30 Day Handgun) to determine purchaser eligibility;</li> <li>Update 30 day Handgun data source with handgun purchaser information;</li> <li>Maintain Seller Information;</li> <li>Maintain Multiple Handgun purchase permits;</li> <li>· Web services interfaces between Firearms and VCIN (Virginia Criminal Information Network) for calls to NICS (National Instant Check System), INS (Immigration and Naturalization Services) and National Criminal Identification Center (NCIC) systems;</li> <li>Implementation of name searching using IBM's Name Hunter software via Master Name Index;</li> <li>· Paperless FTC(Firearms Transaction Center) processing for research to help reduce processing delays, redundancy and improve productivity.</li> <li>· Enhanced On-Demand Reporting using Crystal Reports</li> </ul> <p>Retirement of the COBOL system.</p> <p>The rewrite addresses the risk posed by continuing to support the legacy Firearms system based on the proprietary Cobol/Inqlenet platform which includes a dwindling pool of available Cobol resources, and a code base that originated 20 years ago and has undergone numerous major and minor revisions resulting in a system that is both unwieldy and proprietary.</p>				

In addition, this project will eliminate the dependence of the Firearms system on the proprietary Inqlenet software that is supported by a small company. This will lessen the risk of this application.

Rewriting the Cobol based Firearms application in Java enables VSP to take advantage of technology improvements in the last twenty years that will improve application responsiveness, security, maintainability while allowing other VSP applications to share data with Firearms securely. The dependency on scarce Cobol development resources for this system will be eliminated if Firearms is rewritten in Java.

The Master Name Index (MNI) which uses IBM NameHunter software provides an in-depth understanding of names, their formats, gender associations, and likely country of origin. This approach is necessary because many foreign names don't fit the traditional three-part Western format of a given first name, middle name, and surname. Utilizing MNI allows for Firearms validate a gun buyer's eligibility to purchase firearms as accurately as possible.

From a reduction and/or elimination of paper based processes, Firearms Legacy Back end Replacement will help eliminate paperwork and additional manual effort caused by ferrying paper output by the approval/disapproval decision making component to the terminal and back.

Eliminate the system / interface redundancy used by the Firearms Transaction Center (FTC) staff. The FTC staff must use multiple systems (Firearms, Gun Log Query, VCIN, MGRS, CIVS) to confirm the ineligibility of an individual requesting to purchase a firearm, track specific firearms related data, and provide reporting. The new Firearms system will provide a single user interface for the Firearms Transaction Center staff to perform research, maintain firearms related information, and p

Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?		Proposed		
Planned project start date:	3/20/2008	Planned project end date:	3/31/2009	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$500,000	\$500,000	\$0	
Estimated project expenditures first year of biennium:	\$390,000	\$390,000		General Funds
Estimated project expenditures second year of biennium:	\$0			
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$150,000	\$150,000		General Funds
Funding required for second year of biennium	\$0			
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30203 Criminal Justice Information Services			Primary	

156 VSP 30201 Information Technology Systems and Planning		Secondary	
<b>Project Related Procurements</b>			
There are no procurements for this project			
Procurement Description:			
Planned Delivery Date:		Procurement Cost:	\$
<b>Sex Offender Registry Web site Enhancement</b>			
<b>Appropriation Act/Funding Status</b>			
<p>The 2006 General Assembly (Chapter 875) provided funding for State Police to upgrade the Sex Offender Registry (SOR) application including the web site that is accessed by the public. The SOR application was procured from Computer Projects of Illinois (CPI) and was put into production in June 2006.</p> <p>Enhancements funded by the General Assembly are needed to the web site including an upgrade of the servers to accommodate increased query volumes and requirements. VSP wishes to redesign the web site to conform to the Commonwealth's Enterprise Architecture standards and to take over ownership of the web site software to provide quicker response times to legislative requests and to ultimately save money. This web site will include the requested enhancements and eliminate the Department's reliance on a vendor proprietary system. The SOR web site will be redesigned and written in JEE which will allow it to be maintained and supported by VSP personnel.</p> <p>Overview:</p> <p>VSP plans to rewrite the SOR Web Site in JEE technologies, so as to meet the CJIS requested user requirements, which would make the SOR Website real time, enable compliance with the Federal Adam Walsh Act and for the SOR Website design to comply with the Commonwealth Architectural standards. The project will involve eliminating the 24 hour delay in most recent sex offender information being available to the public and provide an up to date direct link to the sex offender data.</p> <p>Project Approach:</p> <p>The SOR Website Enhancements Project will encompass the following:</p> <ul style="list-style-type: none"> <li>· Requirements Gathering phase which will involve streamlining any inefficient business processes that currently exist.</li> <li>· SOR Website redevelopment and enhancement that involves: <ul style="list-style-type: none"> <li>· Design and redevelopment of the existing SOR Website</li> <li>· Implementing Real Time Data Refresh</li> <li>· Implementing Public Tips facility</li> <li>· Implementing Most Wanted Sex Offender facility</li> <li>· Implementing Unsubscribe Community Notification Facility</li> <li>· Build in functionality that prevents screen scraping.</li> <li>· Testing</li> <li>· Enable compliance with the Federal Adam Walsh Act</li> <li>· Compliance with the Commonwealth Recommended Architectural Standards</li> <li>· Replacing the Non-supported Test Web Server software with IBM WebSphere.</li> </ul> </li> </ul> <p>Benefits:</p> <p>Redeveloping the SOR Website is imperative to accommodate the CJIS requested user enhancements and to eliminate the redundancies that has crept in to the system with respect to presenting the latest and most complete sex offender data to the general public. Currently the 24 hour lag before the most recent sex offender data is displayed introduces unnecessary risks by potentially providing outdated information to others. The SOR website currently cannot prevent third party entities from screen scraping sex offender data, thereby allowing them to ignore the paid service VSP</p>			

has developed for such purpose.

The SOR Website will improve the Sex Offender information available to the public by providing up to date information, display of multiple addresses on the web, and better name searching algorithms. In addition, they will be able to unsubscribe from community notifications automatically. The public will also have a web page in which to provide tips to State Police on sex offenders.

A redeveloped SOR Website will satisfy the following objectives:

1. Eliminate the 24 hour lag prior to the most current sex offender data from being available to the general public
2. Get rid of the 3.5 hour delay in testing a single issue
3. Replace the non-supported Tomcat test environment with IBM Websphere
4. Implement a facility for VSP to receive Public Tips concerning sex offenders
5. Enable compliance with the Federal Adam Walsh Act
6. Implement Most Wanted Sex Offender Page and Community Notification – Unsubscribe facility
7. Prevent third parties from screen scraping sex

Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?	Proposed
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Planned project start date:	3/13/2008	Planned project end date:	8/31/2008
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<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$650,000	\$650,000	\$0	
Estimated project expenditures first year of biennium:	\$15,000	\$15,000		General Funds
Estimated project expenditures second year of biennium:				

<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:				General Funds
Funding required for second year of biennium:				

<b>Service Area</b>	<b>Weight</b>
156 VSP 30203 Criminal Justice Information Services	Primary
156 VSP 30201 Information Technology Systems and Planning	Secondary

#### Project Related Procurements

Sex Offender Registry Web Site - Development Services

Procurement	Procurement of services to develop and enhance the Sex Offender
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Description:	Registry web site consistent with Commonwealth Enterprise Architecture standards. Please refer to attached Statement of Work.			
Planned Delivery Date:	8/31/2008	Procurement Cost:	\$167,948	
Sex Offender Registry Web Site Equipment				
Procurement Description:	Purchase of two Unix servers to provide for a robust and redundant environment to host the enhanced Sex Offender Web site. The Sex Offender Registry equipment is out of scope to VITA.			
Planned Delivery Date:	6/30/2008	Procurement Cost:	\$289,763,.03	
<b>STARS Asset Management Tracking System</b>				
<b>Appropriation Act/Funding Status</b>				
STARS needs an asset management and tracking system to provide up to date inventory information and historical tracking of radio and tower assets and equipment.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	9/1/2008	Planned project end date:	1/31/2010	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$850,000	\$850,000	\$0	
Estimated project expenditures first year of biennium:	\$350,000	\$350,000		General Funds
Estimated project expenditures second year of biennium:	\$500,000	\$500,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$325,000	\$325,000		General Funds
Funding required for second year of biennium	\$475,000	\$475,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30204 Telecommunications and Statewide Agencies Radio System (STARS)			Primary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:	\$	

<b>VCIN Server Upgrade</b>				
<b>Appropriation Act/Funding Status</b>				
Upgrade of the VCIN Fujitsu servers to add processing and database capacity and refresh the older system components.				
Is this a proposed project or the continuation of an active project? (Proposed or Continuing)?				Proposed
Planned project start date:	2/2/2009	Planned project end date:	4/30/2010	
<b>Estimated Costs:</b>	<b>Total</b>	<b>General Fund</b>	<b>Nongeneral Fund</b>	<b>Nongeneral</b>
Project Cost (estimate at completion):	\$850,000	\$850,000	\$0	
Estimated project expenditures first year of biennium:	\$450,000	\$450,000		General Funds
Estimated project expenditures second year of biennium:	\$400,000	\$400,000		General Funds
<b>Funding Required:</b>	<b>Total</b>	<b>General</b>	<b>Nongeneral</b>	<b>Nongeneral</b>
Funding required for first year of biennium:	\$400,000	\$400,000		General Funds
Funding required for second year of biennium	\$365,000	\$365,000		General Funds
<b>Service Area</b>			<b>Weight</b>	
156 VSP 30203 Criminal Justice Information Services			Primary	
156 VSP 30206 Firearms Purchase Program			Secondary	
156 VSP 30207 Sex Offender Registry Program			Secondary	
156 VSP 31003 Counter-Terrorism			Secondary	
156 VSP 31005 Drug Enforcement			Secondary	
156 VSP 31006 Crime Investigation and Intelligence Services			Secondary	
<b>Project Related Procurements</b>				
There are no procurements for this project				
Procurement Description:				
Planned Delivery Date:		Procurement Cost:	\$	

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## **Stand Alone Major Procurements**

There are no Major Procurements for this Agency

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## **Stand Alone Non-Major Procurements**

There are no Non-Major Procurements for this Agency