

Appendix C - 2013 Major IT Project Descriptions

Project Formal Title: ABC Licensing and Compliance System

Agency: Department of Alcoholic Beverage Control (ABC)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

The ABC Licensing and Compliance System will store and maintain all information related to the licensee applications, licensee records, and license compliance records. The system will allow public access to the license application, renewal, and compliance processes through a web-based portal.

Project Scope:

The scope of the ABC Licensing and Compliance System includes the replacement of the existing Core, Webcore, eLFI, Licensee Search, WebInvize, Invize, eBanquet, and CMS (Regulatory function only) applications. The new system should:

- Improve regulatory workforce efficiency through better data analysis capabilities
- Improve administrative and regulatory workforce efficiency in processing license applications, renewals, and compliance
- Improve public access and customer service through a web-based portal
- Reduce risk in technology obsolescence by migrating to current industry standard technologies
- Reduce risk in lack of organizational knowledge of technologies currently employed.

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Project Formal Title: ACA – HIPAA Operating Rules

Agency: Department of Medical Assistance Services (DMAS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The ACA - HIPAA Operating Rules compliance project will identify vendor and trading partner data exchanges and interfaces impacted by HIPAA Operating Rules transactions, performance and system availability, connectivity and transportation of information, and security and authentication. Companion guide standardization is also addressed by HIPAA Operating Rules.

The Virginia Department of Medical Assistance Services is currently processing using 5010 X12 and NCPDP D.0 Electronic Data Interchange (EDI) HIPAA compliant transactions. Although the transactions are compliant, the Operating Rules surrounding these transactions are new standards.

Project Scope:

The scope of the ACA - HIPAA Operating Rules project will address the standards required for infrastructure, data content, security and authentication, system availability and notifications. A testing environment and schedule will be setup for Trading Partners to validate exchanges, and report and document changes needed for Medicaid Management Information Systems as a result of the initial assessment and gap analysis.

The ACA - HIPAA Operating Rules project will also include the development and implementation of new policies and procedures for changes related to the Operating Rules. As a result of these changes and system enhancements, DMAS will be compliant with federally-mandated HIPAA Operating Rules.

The customers include DMAS Program Operations and Provider Reimbursement Divisions, the provider Trading Partner Community, Medicaid Members, and vendors, state and federal data exchanges.

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Project Formal Title: ACA – NCCI (National Correct Coding Initiative)

Agency: Department of Medical Assistance Services (DMAS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The ACA (Affordable Care Act) - NCCI (National Correct Coding Initiative) project will allow the Virginia Department of Medical Assistance Services (DMAS) to comply with the Mandatory State Use of National Correct Coding Initiative (NCCI). As a result of implementing the NCCI solution, DMAS will be in compliance with Federal law and will process claims using the Medicaid Management Information System (MMIS) with proven cost savings methodologies, more accurate claim approvals and rejections, and a reduction of incorrect payments.

Project Scope:

The scope of the ACA - NCCI project will include remediating the MMIS and upgrading two industry COTS packages to comply with the ACA. The Provider community and DMAS will benefit from invalid claims being automatically denied due to invalid combinations of health care procedures, the provider administering them, and the dates of service.

Project Formal Title: ACA Provider Screening Regulations (PSR)

Agency: Department of Medical Assistance Services (DMAS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The ACA (Affordable Care Act) Provider Screening Regulations (PSR) project will allow the Virginia Department of Medical Assistance Services (DMAS) to comply with the ACA by establishing screening and enrollment procedures and requirements for Providers of Medical or other items of services and supplies under Medicare, Medicaid and CHIP.

Project Scope:

The scope of the ACA Provider Screening Regulations (PSR) project includes implementing systems, procedures and operational changes to require all participating providers to be screened according to their categorical risk levels upon initial enrollment and upon reenrollment and revalidation of enrollment. The project should reduce fraud, waste and abuse and reduce the likelihood of an excluded provider receiving Medicare or Medicaid funding.

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Project Formal Title: AFIS Upgrade to Integra – Phase 2

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Project Initiation Approval

Project Description:

The AFIS (Automated Fingerprint Identification System) Upgrade to Integra – Phase 2 project will install additional hardware and software, software matching algorithms, and a test environment at VSP to accommodate the automated, manual ten-print and latent functionality on the new Integra platform. The AFIS workstations at VSP will also be replaced at the central site, and the conversion of the latent and palm image and demographic data to the new format will be initiated.

Project Scope:

The scope of the AFIS Upgrade to Integra - Phase 2 project will provide added flexibility in the automated workflow options and specifications and support the projected increase in transaction volume. The redundant hardware solution will offer improved Disaster Recovery possibilities, and the proprietary hardware matchers will be replaced with off-the-shelf hardware and software matching, adding flexibility to the hardware configurations and future upgrades.

Currently, VSP, four (4) state forensic labs, seventeen (17) police departments, and two (2) sheriff's offices connect to the AFIS system.

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Project Formal Title: AFIS Upgrade to Integra – Phase 3

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Project Initiation Approval

Project Description:

The AFIS (Automated Fingerprint Identification System) Upgrade to Integra – Phase 3 project will upgrade the current AFIS system hardware and software to the new NEC Integra ID system. This new system will be installed at the VSP central site and will offer added flexibility in the automated workflow options and specifications. The proposed redundant hardware solution will offer improved Disaster Recovery possibilities.

Project Scope:

The scope of the AFIS Upgrade to Integra - Phase 3 project will replace proprietary hardware matchers with off-the-shelf hardware and software matching.

Phase 3 of the Program will include the installation of new workstations at the remote AFIS sites to include manual ten-print and latent functionality on the Integra platform. VSP and remote personnel will be trained on the use of the ten-print and latent functionality. The Integra platform will be thoroughly tested and implemented at the central site and the remote sites. This phase introduces the NEC lights-out latent processing and integrated ULW functions to the latent community.

Project Formal Title: Birth Registry Interface (BRI)

Agency: SHHR HIT/MITA PMO

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Birth Registry Interface project will establish a birth reporting service/interface between the birth registry of record VVESTS (Virginia Vital Events and Screening Tracking System) and subscribed customers through a Service Oriented Architecture (SOA). The service/interface is needed to manage the expected increase in new Medicaid patients.

Project Scope:

The Birth Registry Interface project will allow VVESTS birth information to be published securely to an active subscriber list and consumed by individuals, programs and organizations as appropriate, improving data sharing between systems, programs, agencies and localities. The solution will be offered state-wide as a shared service by DMAS, VDH and VITA.

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Project Formal Title: Campus ID Card System Upgrade

Agency: College of William and Mary (CWM)

Secretariat: Education

Investment Status: Project Initiation Approval

Project Description:

The Campus ID Card System Upgrade project will replace the existing Blackboard/OPTIM ID card processing system with the CBORD CS Gold system, a modular ID card system delivering campus card and security features with scalable growth options.

Project Scope:

The scope of the Campus ID Card System Upgrade project will support door access and security, transaction processing in the dining halls, vending machines, laundry machines, and copiers.

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Project Formal Title: Central Registry

Agency: Department of Social Services (DSS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Central Registry System project will allow a search request, payment and any attachments to be scanned on-line by the Division of Finance (DOF), Child Support State Disbursement Unit into a system to reduce the amount of paperwork going through the process. After scanning, the payments will be deposited into the bank, the monthly bills will be generated and sent, and the Central Registry Unit will have the ability to reconcile the accounts. The scanned images will be linked to an intake record with minimal information entered into the system, and these electronic documents will go into a search and match queue. These records will be searched in OASIS and CANIS and the historical Central Registry records, and the findings will be sent to the requestor(s). The new system will also help to meet the needs of the VDSS Continuity of Operations Plan (COOP).

Project Scope:

The scope of the Central Registry System project includes development in two phases.

- CRU - Phase 1 will consist of implementing a Finance process to handle payment processing and billing.
- CRU – Phase 2 will include implementing the search and match features, including interfaces with OASIS and CANIS.

The system will assist the agency with meeting the 10-day turnaround to process a request for information required by Virginia State law. The new system will also significantly reduce the manual processes, more efficiently track request forms and payments, automate the billing process, reduce paper, and reduce mistakes made by workers.

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Project Formal Title: Collection and Audit Case Management Mobile System

Agency: Department of Taxation (TAX)

Secretariat: Finance

Investment Status: Investment Business Case Approval

Project Description:

The Collection and Audit Case Management Mobile System will allow TAX field staff (auditors/collectors) to use tablets for an audit application that would encompass audit case management and audit workbench. This solution will allow TAX staff to use a tablet and/or smart phone in the field to assist taxpayers with filing returns and paying their taxes.

Project Scope:

The scope of the Collection and Audit Case Management Mobile System includes the ability to accept a credit/debit card or electronic check, and the ability to exchange encrypted electronic documents with taxpayers. The system will integrate directly with AR, loading audit returns automatically with the appropriate compliance code and no additional involvement by other staff.

Credit and debit payments will be processed using the Square, an electronic device that is attached to a tablet or Smartphone. The rep will be able to take the payment electronically and have the confirmation of the filing and the payment emailed to the taxpayer. This presents an opportunity for educating the taxpayer and achieving the Commonwealth/TAX goals for electronic filing and payment. This would also decrease paperwork for the agent and save TAX time and money because funds will be processed more efficiently, there will be no delays or costs for mailing, and there is no paper return or check process.

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Project Formal Title: Commonwealth Authentication Services (CAS)

Agency: Department of Motor Vehicles (DMV)

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

Through the collaboration of the Technology, Health and Human Resources, and Transportation secretariats, on-line identity authentication services will be built for all Commonwealth agencies to use. The Commonwealth Authentication Services (CAS) project will implement a COTS project with the assistance of an implementation partner so that DMV, DSS, DMAS and the Health Information Exchange (HIE) can all leverage a common authentication system for users to gain access to selected customer-facing systems. The CAS system will be hosted, operated and maintained by VITA as a shared service, and participating agencies will pay to use CAS. Once CAS is fully operational, additional agencies will be encouraged to convert over from their own point-solutions to CAS.

The CAS project team has been established to lead the Commonwealth's efforts to improve and modernize the Medicaid program's information technology infrastructure. The project team will design, develop, and configure the requisite software and hardware necessary to implement development, test, staging and production environments and provide a service for use in the pilot. The CAS solution will be deployed in a Service Oriented Architecture (SOA) enabled infrastructure and will leverage the Enterprise Data Management (EDM) solutions. In addition, the project team will establish a Competency Center and related governance.

Project Scope:

DMV will configure the COTS product to establish a CAS system that authenticates citizens and businesses using Master Data Management (MDM) technologies. The CAS system will be made available to all Executive Branch agencies. The CAS project will have significant dependencies with the concurrent MDM project.

The following activities are in-scope for the CAS project:

- CAS environment set-up
- CAS application governance
- CAS Service Development (coding and configuration)
- CAS DB development
- CAS security/authentication activities
- CAS standards, policies and procedures
- CAS Competency Center

The following activities are out-of-scope for the Commonwealth Authentication Service Project:

- Procure EDM tool and DBMS
- Install and configure EDM Tool
- Establish EDM governance structure
- Establish EDM Competency Center

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Project Formal Title: Commonwealth Service Oriented Architecture (SOA)

Agency: Virginia Information Technology Agency (VITA)

Secretariat: Technology

Investment Status: Project Initiation Approval

Project Description:

The purpose of the Commonwealth Service Oriented Architecture (SOA) project is to procure, install, maintain and configure an infrastructure to support a Service Oriented Architecture (SOA). The underlying components will include Enterprise Service Bus (ESB), Universal Description Discovery & Integration (UDDI), Business Process Execution Language (BPEL), Business Activity Monitoring (BAM) and Web Service Manager.

Project Scope:

The Commonwealth Service Oriented Architecture (SOA) project scope consists of a number of Commercial-Off-The-Shelf (COTS) products. The major components include an Enterprise Service Bus (ESB), a workflow engine, and a business rules engine. The Virginia Information Technology Agency (VITA) has been working closely with the HIT/MITA effort since the project's inception. The MITA vision contemplates extensive program agnostic interoperability. To achieve this objective, a cost shared technical environment is necessary so that all business entities can interoperate with government systems as policy allows. VITA is in a singular position in Virginia to provide this technical infrastructure as an offered service in particular as most state government systems are already hosted by VITA in their data center(s). Furthermore, VITA can architect a cohesive technical solution using existing agency projects as well as ensure that future IT projects/procurements leverage its technology, standards, and processes.

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Project Formal Title: Construction Documentation Management

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Project Initiation Approval

Project Description:

The Construction Documentation Management project will develop standardized business process workflows that will automate the creation, storage and status designation of construction documents. The project will allow personnel to step through designated workflows, store construction documents in a standard SharePoint repository with a standard set of document folders at each level of the construction process from final design through the end of constructions.

Project Scope:

The Construction Documentation Management project scope will include a common environment to give VDOT consultants and contractors system access and enhanced document collaboration between all project resources. The project will also allow VDOT to streamline current processes and to establish standard automated business process flows for construction document management so VDOT can incorporate consistent, best-practice workflows to accelerate accurate document management to meet critical business schedules during the design, procurement, and construction phases of VDOT projects.

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Project Formal Title: CSC System 2.0

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

The VDOT Customer Service Center (CSC) provides a centralized means for VDOT to interact and share information with citizens and the traveling public, and to manage citizen requests for service. The CSC System 2.0 project will improve the department's ability to internally share and act on customer information, and will process and respond to citizen's requests for service more efficiently.

Project Scope:

The CSC System uses its CSC Portal to process citizen requests for service throughout the state including roadway maintenance, permit requests, damage claims, traffic studies, and information requests. The CSC System 2.0 Project will more fully define and refine CSC business processes and system requirements necessary to effectively enhance the CSC system by providing:

- VDOT CSC Concept of Operations (CONOPS) definition and documentation support
- VDOT CSC business process definition and documentation support
- Support to the development and submission of a VDOT CSC Request for Information (RFI) document
- Support to the evaluation of VDOT CSC RFI responses
- Support to the gathering and definition of VDOT CSC system requirements
- Support to the development and submission of a VDOT CSC system Request for Proposal (RFP) document
- Support to the evaluation of VDOT CSC system RFP responses
- Support to VDOT CSC system vendor selection and contract award
- Support to the design, testing, and implementation of CSC 2.0 citizen request management application.

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Project Formal Title: DataCap and FileNet Replacement

Agency: Department of Taxation (TAX)

Secretariat: Finance

Investment Status: Identified for Preliminary Planning

Project Description:

The Department of Taxation will replace its data capturing system, DataCap, due to the significant performance issues that have reduced processing throughput by 50 percent. The agency will also replace its imaging system, FileNet, because of excessive storage fees.

Project Scope:

The replacement of the DataCap and FileNet systems will ensure continuous data capturing efficiency, improved performance, and cost avoidance or reduction in storage fees.

Project Formal Title: Death Registry Interface (DRI)

Agency: SHHR HIT/MITA PMO

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Death Registry Interface project will establish a death reporting service/interface between the death registry and the Commonwealth's Enterprise Service Bus (ESB). The service will be supported by an extract of the minimum required fields to identify a death record.

Project Scope:

The scope of the Death Registry Interface project will support an inquiry death service on the ESB, and a publish-and-subscribe model that will allow the registry to actively publish new death notices as they occur. This will allow subscribers to trigger appropriate processing based on the notification.

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Project Formal Title: Decision Support System (DSS)

Agency: Virginia Community College System (VCCS)

Secretariat: Education

Investment Status: Project Initiation Approval

Project Description:

The Virginia Community College System has acquired a commercially available Decision Support System (DSS) to interact with the Oracle PeopleSoft Campus Solutions (CS)/Human Capital Management (HCM) and Financial Management System (FMS) systems, as well as other VCCS enterprise or centrally hosted applications. The Virginia Community College System will enlist an external implementation services partner to assist VCCS internal staff with the implementation. The DSS will include a Data Warehouse and Reporting System to enhance the data and analytics support for decision-making for all functional areas within the 23 community colleges and system office.

Project Scope:

The scope of the Decision Support System is to enhance college productivity and efficiency using the DSS as the single data source for system level and college local reporting needs. Allowing the various offices within the system office and colleges to collect data from VCCS enterprise systems into the DSS will make reporting, research, analysis, and decision support more effective and efficient. This will enable the VCCS to better meet reporting needs that require near real-time data access and access to data snapshots captured on critical dates with the DSS solution.

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Project Formal Title: Departmental Budgeting with MMIS and CARS

Agency: Department of Medical Assistance Services (DMAS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Pulse Performance Budgeting project will incorporate the procurement of software and implementation services to satisfy DMAS stakeholder requirements for an integrated, automated budget forecasting and management system. The new system should reduce staff hours devoted to budget data entry, verification, validation and reporting, and improve data accuracy.

Project Scope:

The scope of the Pulse Performance Budgeting project includes replacing the variety of systems, databases, spreadsheets, and documents that currently support strategic planning and budgeting at DMAS with a modern, web-based, integrated, user-friendly system that supports strategic planning and budgeting functionality and moves the agency forward by providing additional integrated performance budgeting functionality.

The primary stakeholders are Budget and Contract Management division staff, and DMAS Executive staff.

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Project Formal Title: DOJ - Data Warehouse

Agency: Department of Behavioral Health and Developmental Services (DBHDS)

Secretariat: Health & Human Resources

Investment Status: Investment Business Case Approval

Project Description:

The DOJ – Data Warehouse project will collect and report data relating to compliance with the federal Department of Justice (DOJ) settlement agreement. The Department of Behavioral Health and Developmental Services (DBHDS) will purchase or develop a data warehouse application for the storage, aggregation and reporting of this data.

Project Scope:

The DOJ – Data Warehouse project will collect and report data from DBHDS’ five (5) institutions serving individuals with intellectual disabilities, nine (9) mental health facilities, an acute care hospital, and the Virginia Center for Behavioral Rehabilitation. Currently data is collected and stored in numerous formats and databases, and data resides on servers and PCs in multiple locations, including the Chesterfield Enterprise Services Center (CESC), DBHDS’ Central Office, and DBHDS facilities.

The data warehouse will allow DBHDS to store, summarize, analyze, and report all essential information that is required by the federal Department of Justice to oversight officials appointed by the court. The data will include information related to client outcomes and other data requested by the court or the oversight official. DBHDS will be able to efficiently and effectively manage data from multiple source systems so that reporting mandates can be met, and to mine data to identify patterns and trends, providing input for service and process improvements. The data warehouse will be designed so that it can be expanded to include additional DBHDS information needed for federal, Commonwealth, grants, and other reporting and analysis uses.

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Project Formal Title: EAGLES (Electronic Access to the Government Licensing and Enforcement System)

Agency: Department of Professional and Occupational Regulation (DPOR)

Secretariat: Commerce and Trade

Investment Status: Project Initiation Approval

Project Description:

EAGLES will be a web-enabled application implemented to replace the legacy system, the Commercial Licensing and Enforcement System (CLES). EAGLES will also support the agency's new business requirements. These new requirements include the filing of applications for licensure and consumer complaints via the Internet. This project is in line with the Commonwealth's electronic government initiative, which requires that the department be aligned closely with the Digital Signatures and COVA PIN initiative.

Project Scope:

The EAGLES project scope includes employing Versa to provide professional and technical services to implement a licensing system for DPOR to replace CLES. The configuration of the system will be based on a certain number of license types. The vendor will support the following:

- Configuration of 300 license types.
- Creation of document templates (Word documents) that will allow DPOR staff to gain knowledge and experience to create an unlimited number as needed.
- Report development – The vendor will develop some custom reports for DPOR that will allow DPOR staff to gain knowledge and experience to create additional reports as needed.
- Online services/processes and training for:
 - Configuration of online renewal process for 300 license types
 - Configuration of online initial application process for 300 license types
 - Configuration of online verification

Technical resources will be provided by the vendor, VITA and DPOR. VITA will host the processors for the new system and business resources will be provided by DPOR.

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Project Formal Title: EDSP – Eligibility Modernization - Conversion

Agency: Department of Social Services (DSS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The EDSP - Eligibility Modernization - Conversion project will convert the data in the ADAPT legacy system and DMAS CHAMPS legacy system for the Family & Children's Medicaid, CHIP, and FAMIS categories into VaCMS, a single case management system. The CMS federal requirement stipulates for these eligible ongoing Medicaid categories (starting April 2014) at the time of their renewal process, continued eligibility must be evaluated against the new MAGI Medicaid rules. This conversion project will move existing cases into VaCMS so that eligibility determination can be performed by the external rules engine developed during the Eligibility Modernization Modified Adjusted Gross Income (MAGI) project. This process will provide consistent data as the consolidation of information will be a component of this initiative.

Project Scope:

The scope of the EDSP - Eligibility Modernization - Conversion project includes performing the conversion on a month by month schedule, based on the Medicaid renewal date, until all cases for these categories have been converted from these two legacy systems. This project will also discontinue Medicaid from the ADAPT legacy system and retire the CHAMPS legacy system.

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Project Formal Title: EDSP – Eligibility Modernization – MAGI Project

Agency: Department of Social Services (DSS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The EDSP Eligibility Modernization - Modified Adjusted Gross Income (MAGI) project will implement a single Medicaid case management system for MAGI Medicaid and CHIP/FAMIS categories by modifying Virginia Case Management System (VaCMS) for new applications. This initiative will implement a streamlined, secure, and interactive customer experience that will maximize automation and real-time adjudication while protecting privacy and personally identifiable information.

Project Scope:

The scope of the EDSP Eligibility Modernization - MAGI project includes an enhancement to the Customer Portal to determine MAGI Medicaid eligibility on-line, perform MMIS enrollment, perform MMIS disenrollment, access Federal and State verification systems through Exchanges, and leverage web-services such as the Commonwealth Authentication Service (CAS) and the Enterprise Data Management (EDM) solution projects under eHHR.

VDSS will leverage the external rules engine (iLOG) hardware and software procured by DMAS as part of the enterprise infrastructure being implemented to support Virginia HCR. The rules engine for this project will focus on the rules for MAGI Medicaid and Virginia's Children Health Insurance Program (CHIP) categories and FAMIS. This will include functionality and processing logic to register, define, classify, and manage the rules.

The project will also create and build the framework for Document Management and Imaging Solution (DMIS) and the ability to upload documents to VaCMS. The single case management system used for Medicaid will be the Virginia Case Management System, (VaCMS). It includes the functions of eligibility determination, case management, vendor management and financial management. VaCMS was obtained as a transfer solution from the state of Michigan with full rights to enhance and/or modify the source code. For this project, the focus will be the Medicaid categories named above into VaCMS.

The project approach will be to work with the local and home office program groups to gather requirements for a statewide system that will meet the needs described. Delivery will include development of any custom code, testing, and piloting of the new system, training and rollout.

The MAGI project must support the enhancement of the VaCMS statewide case management system in order to determine case events and financial history, interfacing with state or local systems as needed in order to accomplish a comprehensive solution for the new MaGI population. Without this system, the Department cannot comply with Federal reporting requirements regarding the identification and case management of the new MaGI population.

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Project Formal Title: EDSP – Eligibility Modernization – Program Migration Project

Agency: Department of Social Services (DSS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The EDSP – Eligibility Modernization – Program Migration project will deliver eligibility determination and case management for SNAP/SNAPET, TANF/VIEW, and Medicaid. The project will also modernize the current Child Care system called the Virginia Case Management System (VaCMS), to include functions of eligibility determination, case management, vendor, and financial management.

Project Scope:

The scope of the EDSP – Eligibility Modernization – Program Migration project includes the modification of VaCMS to interface with internal and external entities, and the use of an external rules engine, WebSphere Operational Decision Management (WODM), for the business rules for SNAP.TANF/Employment Services, Medicaid (Non-MAGI Groups) and LIHEAP. The project will also create and build the framework for a statewide document management and imaging solution, and establish an Asset Verification Service to obtain electronic financial verifications for applicants that meet the aged, blind, or disabled (ABD) covered groups for Medicaid.

The project will sunset the existing legacy systems and establish a conversion process to automatically transfer existing case data in ADAPT, ESPAS and Energy systems into VaCMS.

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Project Formal Title: Electronic Bulletin Board Implementation

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Identified for Preliminary Planning

Project Description:

The Electronic Bulletin Board Implementation project will rollout an electronic bulletin board agency-wide to improve agency communications to field level staff that do not have regular access to VDOT computers in the course of their daily work assignments. The Electronic Bulletin Board (EBB) approach will allow for a wide range of communications to be made available and there is potential the displays could also provide personalized content for employees.

Project Scope:

The Electronic Bulletin Board Implementation project scope includes hardware installation, setup, operational support, and content infrastructure development. The creation and management of the display content will need collaboration between numerous agency divisions (Communications, HR, Safety, etc.) to maintain cohesive branded content.

The EBB approach is a cost-effective way to provide important administrative, safety, and emergency event information in a timely manner to a large number of employees who do not have computer access at their work locations.

Project Formal Title: Electronic Contents Management

Agency: Department of Corrections (DOC)

Secretariat: Public Safety

Investment Status: Identified for Preliminary Planning

Project Description:

The Electronic Contents Management project includes the purchase and implementation of an electronic records management system for the DOC including offender paper records, and other administrative paper records utilized within the department that can be associated with an offender, employee, or other entity. Currently, a consolidated electronic records management system for the DOC does not exist.

Project Scope:

The scope for Electronic Contents Management project for the DOC will include offender paper records and other administrative paper records utilized within the Department, which can be associated with an offender, an employee, or other entity.

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Project Formal Title: Electronic Death Registration (EDR)

Agency: Department of Health (VDH)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Electronic Death Registration (EDR) system is a proposed web-based system that would allow for the electronic capture of death data from funeral service licensees, state medical examiners and state physicians. The system would allow the VDH Division of Vital Records (DVR) and local health departments to issue and retain death certificates electronically and would replace the manual process that is currently used. The Electronic Death Registration system is expected to reduce reporting delays, improve data quality, and increase the utility of death data.

Project Scope:

The Electronic Death Registration (EDR) system will allow DVR to go from a paper-based reporting system to an electronic filing system. The EDR will be a web-based system that will allow the many participants of the death registration process to remotely submit; register; and certify deaths occurring in the Commonwealth of Virginia. Electronic registration of deaths will gradually replace the current paper-based system. DVR is mandated by the Code of Virginia §32.1-273.1 to fully automate the system of vital records. The development of the EDR system will help fulfill this mandate and improve response time to customers, thus enhancing customer service and helping the division fulfill proposed federal mandates that will be set forth in the Intel Reform Act. This federal reform will impact the issuance and retention of all vital records across the nation. The proposed EDR system will also help DVR address their physical storage issues by helping to alleviate the growing need for more space to address the concern of retaining paper copies on site.

The stakeholders (DVR, Funeral Directors, OCMEs, Physicians), the Office of Information Management along with the users of the Division of Vital Records propose to develop an in-house, customized, web-based Electronic Death Registration system that will meet the needs of the Business Users and that can be seamlessly integrated, with only nominal costs, into the current Virginia Vital Events and Screening Tracking System (VVESTS) which was also developed and created in-house by OIM. OIM is proposing to add the (EDR) system as a new subsystem to VVESTS, thus reducing many disparate systems into a single, central database that will lower maintenance cost.

The project scope includes the development and implementation of business policies, processes and procedures relating to Death Certificates, the implementation of an information system to register human deaths in the Commonwealth and the issuance of Death Certificates.

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Project Formal Title: Electronic Health Records (EHR)

Agency: Department of Behavioral Health and Developmental Services (DBHDS)

Secretariat: Health & Human Resources

Investment Status: Investment Business Case Approval

Project Description:

The Electronic Health Records (HER) project will replace legacy systems with integrated clinical applications sharing an electronic medical record repository. The project will:

- Improve clinical practices by reducing medical errors through alerts and decision support
- Reduce duplicative work thus allowing clinicians to focus more of their efforts directly on improved care
- Support interconnected care
- Create information that is portable and able to move with the consumer from one point of care to another
- Promote self-determination by providing consumers with access to information that allows consumers participation in decisions about their care
- Enable consumers to make informed choices about providers
- Assist consumers with taking an active role in managing their illness and their wellness.

Project Scope:

The scope of the Electronic Health Records (EHR) project is to implement an electronic medical record repository and clinical applications at each DBHDS facility and Central Office. The project would replace legacy systems and integrate with recent IT investments, such as AVATAR, for patient/resident admissions, discharges, and reimbursements.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Electronic Healthcare Medical Records

Agency: Department of Corrections (DOC)

Secretariat: Public Safety

Investment Status: Identified for Preliminary Planning

Project Description:

Currently, inmate medical records are in paper form and these documents are not integrated in Virginia CORIS. VADOC would like to automate these healthcare records and integrate the medical records with Virginia CORIS.

The DOC existing operations will realize efficiencies as a result of this automation by:

- Capturing inmate medical records in an electronic form for portability
- Improving clinical staff access to inmate medical records for purposes of patient care
- Improving capture and routing for all documents, while ensuring the security and integrity of the medical records
- Supporting compliance efforts with HIPAA standards
- Providing simultaneous access of system by medical professionals for clinical, administrative, and other healthcare operations
- Integrating with Virginia CORIS which is the DOC offender management system
- Reducing paper-based file management and storage, which would lessen the amount of physical space
- Supporting re-entry initiatives including post-release medical care

Project Scope:

The scope for Electronic Healthcare Medical Records will include Medical and Mental Health (pharmacy, dental, etc are also possibilities) for offenders across the Commonwealth. As an integrated offender management System, a critical component of Virginia CORIS is the inclusion of offender medical records. Currently we have medical files on all offenders in paper format and are unable to track expenses effectively without an integrated system.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Electronic Lab Reporting Interface (ELRI)

Agency: SHHR HIT/MITA PMO

Secretariat: Health & Human Resources

Investment Status: Identified for Preliminary Planning

Project Description:

The Electronic Lab Reporting Interface project interfaces the Department of Consolidated Laboratory Services (DCLS) to the Commonwealth's Enterprise Service Bus (ESB) for access by the Health Information Exchange.

Project Scope:

The scope of the Electronic Lab Reporting Interface project includes clinical laboratories throughout Virginia and national clinical reference laboratories that submit reportable disease findings to VDH. The project will also include the test orders submitted to DCLS and the DCLS test results returned. Current partners include VDH and a growing number of Virginia hospitals.

Project Formal Title: FACE – Business Logic Transformation

Agency: Department of Motor Vehicles FACE PMO

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

The FACE - Business Logic Transformation project is a proof-of-concept (POC) that will address a single transaction and determine the most effective method(s), tool(s) and solution(s) for accomplishing the Business Layer Transformation project. Through the POC, DMV will evaluate several specific tools and determine the tasks necessary to perform functions.

Project Scope:

The FACE - Business Logic Transformation project scope includes incorporating into DMV's operation those technological developments and automated solutions that will enhance the delivery of services to its various transportation customers. The project should help modernize, improve the usability and lower the cost of DMV's aging systems. The FACE program through a series of projects will satisfy the upgrade, improvement and future maintenance of DMV's automation needs.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: FACE - DMV Correspondence Transformation

Agency: Department of Motor Vehicles FACE PMO

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

The FACE - DMV Correspondence Transformation project will replace all existing correspondence formats and methods of developing and modifying this correspondence. The current solution for developing and modifying correspondence has reached its end of life and is no longer supported. The resulting solution will allow business owners to self-service correspondence and play an expanded role in the creation of new artifacts

Project Scope:

The FACE-DMV Correspondence Transformation scope includes a solution to create and modify an average of 30,000 pieces of correspondence weekly, or 1.56 million pieces annually, many of which are required by Virginia Code. The existing correspondence programs are on the mainframe and will be replaced with a solution that moves the business logic to the middle tier and leverages Adobe LifeCycle for the creation and maintenance of correspondence.

Project Formal Title: Financial and Human Resources ERP Package

Agency: Department of Corrections (DOC)

Secretariat: Public Safety

Investment Status: Identified for Preliminary Planning

Project Description:

The Financial and Human Resources ERP Packages project will purchase and install a human resources management application and a financial systems software application to automate the DOC functions in those areas across the Commonwealth. The DOC is unable to maintain current automated data in a useable format to actively manage the large employee base (12,500 employees) and the large annual budget (\$800 million) required to operate this large public safety organization in an efficient manner.

Project Scope:

Currently, no automated single system solution is available at DOC for HR and Financial Management. As a public agency we have an obligation to the citizens of Virginia to manage our resources in the most efficient manner possible and still achieve our organizational mission.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Financial Management Enterprise Rollout (Cardinal Project 3)

Agency: Department of Accounts (DOA)

Secretariat: Finance

Investment Status: Identified for Preliminary Planning

Project Description:

The DOA Financial Management Enterprise Rollout (Cardinal Project Part 3) will deploy the new Cardinal Base and will replace the Commonwealth's (Department of Accounts) current financial system, Commonwealth Accounting and Reporting System (CARS). The base is an Enterprise Resource Planning (ERP) implementation of General Ledger and Accounts Payable, the two accounting features currently contained within CARS.

Project Scope:

Financial Management Enterprise Rollout (Cardinal Project Part 3) will include out-of-scope agencies, such as restructured higher education, and agencies with agency-based financial systems that will develop an interface to the Cardinal Base. The Base system will be deployed to all current CARS agency users (approximately 60) and interfaced with the financial systems that currently interface to CARS. The scope of this project also includes the Change Leadership Training required to migrate from CARS to the new system, and the evaluation options for eVA.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Financial Management System

Agency: Virginia Employment Commission (VEC)

Secretariat: Commerce and Trade

Investment Status: Project Initiation Approval

Project Description:

The Financial Management Accounting System will replace the current mainframe batch system. The new system will include modules for general ledger, cost accounting with various cost allocations (e.g., time distribution), accounts receivable, integrated procurement, accounts payable, and encumbrance. Financial data will be processed in an on-line, real-time environment. These features will greatly improve efficiency in financial processes, availability of management information, and the accuracy of accounting reports, thus reducing the potential for audit findings.

Project Scope:

The scope of the Financial Management System project includes all activities necessary to acquire, implement, and support a modern, integrated Financial Management Accounting System to replace VEC's 40-plus-year-old mainframe batch system. These activities include procurement of software and system integration services, fit-gap analysis, configuration, customization, development, testing, training and rollout. The intention is to find a Commercial-Off-The-Shelf (COTS) solution that will meet most of the Commonwealth of Virginia's requirements and augment it with minimal customizations to meet VEC's Department of Labor requirement

The replacement Financial Management System will consist of the following high-level areas:

- General Ledger
- Accounts Payable / Resources on Order (ROO)
- Accounts Receivable
- Budgeting / Financial Planning
- Fund and Grant Accounting
- Purchasing & Requisitions
- Cost Accounting / Allocations, (e.g. VITA Telecommunications bill, Time Distribution (Employee Timekeeping))
- Interfaces to and from other systems

The accounting system must adhere to a wide variety of requirements originating from several sources, such as:

- Generally Accepted Accounting Principles (GAAP)
- Federal Reporting and Auditing Requirements (incl. Dept of Labor)
- State Reporting and Auditing Requirements
- VEC Financial Reporting Requirements

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: FMS Sun Set and Data Marts

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

The implementation of the Cardinal Project will necessitate the sun setting of both the FMSI and FMSII financial systems. The Highway FMS Data Mart- Sun Set project will retain critical information from the FMSI and FMSII financial systems and create a financial data store for reporting purposes.

Project Scope:

The Financial Management System project will provide the following deliverables:

1. Provide a strategy and approach for the FMSII system retirement that will address:
 - documentation and records retention
 - data archival – data archival products
 - data deletion policies
 - system access and restrictions
 - system components archival
 - operations shutdown schedule
 - removal of VITA-Northrop Grumman Support Services (hardware/networks)
 - licensing issues
 - removal of software from active use
 - propose software restore strategy
 - interface shutdown – internal and external
 - potential audit issues
 - help desk response strategies
 - ongoing support cost estimates
 - continued access to Financial Data - Data Retrieval
 - creation of Financial Data Marts housing historic FMS data
2. Coordination of the FMSII System shut down with Cardinal FMS implementation requirements. This will involve working with both the Fiscal and Cardinal business customers.
3. Data Mart reporting requirements will be defined in collaboration with VDOT business customers.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: HIPAA Upgrade Code Sets (ICD-10)

Agency: Department of Medical Assistance Services (DMAS)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Center for Medicare and Medicaid Services (CMS) has passed regulation requiring the HIPAA Upgrade Code Sets (ICD-10) version of Code Sets be implemented. DMAS must implement the new version in order to remain HIPAA compliant and continue to receive and send electronic eligibility, claims, and payment data with approximately 50,000 providers and 300 plus service centers. Implementation of the changes will require modification to the MMIS and extensive provider outreach and trading partner testing.

Project Scope:

The scope of the Upgrade Code Sets (ICD-10) project includes updating the CMS mandated ICD-10 code sets on the MMIS. The systems, activities and products included in the scope of work are:

- Updates to systems, interfaces and operations that are required to implement the following code sets:
 - ICD-10-CM Diagnosis Codes
 - ICD-10-PCS Procedure Codes
- Updates to the following systems:
 - Virginia MMIS
 - DB2 Tables, CICS/COBOL programs, copybooks, and screens
 - Graphical User Interface (GUI) Host Application Transformation System (HATS)
- Updates to the following interfaces:
 - JSURS
 - SAS
 - CyberFormance
 - KePRO
 - Clifton Gunderson
 - Price Waterhouse Coopers
 - Thomson-Reuters – ICD code and Length of Stay data
 - Data Entry
 - Virginia Executive Support System (ESS)
 - Virginia Web Portal
 - Virginia Integrated Voice Response (IVR) and Automated Response System
 - Pharmacy Data Warehouse
- Installation and testing of ICD-10 compliant versions of the following third party software:
 - 3M - DRG grouper and 3M - EAPG grouper
 - McKesson – ClaimCheck

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: HR ECM and Workflow Optimization

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Project Initiation Approval

Project Description:

The HR ECM and Workflow Optimization project will develop a secure repository containing electronic personnel file information for current VDOT employees, develop standard business process and electronic content management for HR's three highest priority workflows, and develop a solution that leverages the agency's SharePoint Server 2010 to meet VDOT HR's workflow improvement and electronic content management needs.

Project Scope:

The scope of the HR ECM and Workflow Optimization project includes developing standard business process and electronic content management for HR's Pay Action, Annual Performance Management and Critical Hire workflows, and converting the three manual paper-based workflows into an electronic content management system with automated workflows.

The project will improve HR's overall productivity, service levels, and data accuracy while maintaining cost effectiveness and compliance with HR, IT, and records management's regulations, policies, and standards.

There is a huge opportunity for other organizations and agencies outside of VDOT to learn from this initiative. Other organizations who are interested in optimizing their HR processes have already expressed interest in learning about the benefits and results of this project effort. Identification of those agencies with potential interest (such as VITA and VCCS), and making recommendations and sharing project deliverables with those organizations will be made at the conclusion of this project or as requested.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Immunization Registry Interface (IRI)

Agency: SHHR HIT/MITA PMO

Secretariat: Health & Human Resources

Investment Status: Investment Business Case Approval

Project Description:

The Immunization Registry Interface project will establish an immunization service/interface between the immunization registry and the Commonwealth's Enterprise Service Bus (ESB). The interface will support new and updated immunization activity submitted by participating organizations, such as hospital providers, to the Virginia Immunization Information System (VIIS). The project will require the use of HITSAC endorsed messaging standards.

Project Scope:

The scope of the Immunization Registry Interface project includes all participating organizations that currently create files for import into VIIS. There will also be a component to the Immunization Registry Interface project in which VDH is expected to participate in the HIE Pilot Phase.

Current immunization service/interfaces include: Immunization DE, Immunization DE - Carillion Hospital, and Immunization DE – UVA.

Current messaging partners include: Sentara, Coventry, Air Force, CHKD, Fairfax County, Anthem, UVA, VA Premier, and Carillion Hospital.

The service will not support legacy file formats. They will be supported through the current messaging routes.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Inventory Module (Cardinal)

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

The Inventory Module (Cardinal) project will replace the WebIMS application with the PeopleSoft Inventory Module. This will integrate the inventory function at VDOT with the Cardinal system. This implementation is required because the current application technology is reaching the end of its productive life, and the business process warrants it be incorporated within the financial system. Microsoft Corporation ended support for Active Server Pages software in 2008 and it is no longer possible to make changes to certain sections of the application.

Scope:

The Inventory Module (Cardinal) project scope will include replacing the VDOT WebIMS Inventory application, which is written in Active Server Pages, with the PeopleSoft Inventory Module. This will integrate the inventory function at VDOT with Cardinal. In addition, the business processes of the applications of WebIMS will be re-engineered to increase performance and minimize modifications to the COTS software.

The project scope includes procurement for system implementation services. The scope also includes the system design, configuration, development, testing, training and rollout tasks. The final project schedule and implementation approach will be finalized based on the input from the system implementation vendor. The module will be available for future use by other state agencies.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: ITCC Technology Project

Agency: University of Mary Washington (UMW)

Secretariat: Education

Investment Status: Investment Business Case Approval

Project Description:

The ITCC Technology project will define the technology requirements of a new Information and Technology Convergence Center (ITCC), and will design a solution to meet the defined requirements. The project will also assess the capabilities of the current core infrastructure and the future needs for core infrastructure to ensure adequate technology capabilities exist to support the needs of the new building and the future needs of the university.

Project Scope:

The ITCC Technology project scope will include supporting the technology needs of the University of Mary Washington students, faculty and staff on the Fredericksburg campus. The ITCC will be an academic commons building, where various technology, information, and teaching resources will come together in an environment that is modern, energetic, and vibrant. The four-story building will have a variety of spaces enabling students, faculty, and staff to interact with one another on both curricular and extracurricular activities. The building will be technology-rich and designed to facilitate the application of current innovative learning technologies and structured to permit smooth transitions to new technologies as they develop.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: JS Exhibit Renovation Technology

Agency: Jamestown-Yorktown Foundation (JYF)

Secretariat: Education

Investment Status: Identified for Preliminary Planning

Project Description:

The JS Exhibit Renovation Technology project will replace technology components in permanent museum galleries. Technology components are significant elements in the exhibit galleries and visitor information areas of Jamestown Settlement, and in some cases, are required to operate continuously.

Project Scope:

The JS Exhibit Renovation Technology project scope will include replacing audio visual equipment such as projectors, monitors, touch panels, software, controllers, and related installation. This technology is essential to the museum operations.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Kronos Implementation – Remaining Facilities

Agency: Department of Behavioral Health and Developmental Services (DBHDS)

Secretariat: Health & Human Resources

Investment Status: Investment Business Case Approval

Project Description:

The Kronos Implementation – Remaining Facilities project will upgrade the remaining Department of Behavioral Health and Developmental Services facilities to the new Kronos time keeping application. Two facilities, Northern Virginia Mental Health Institute (NVMHI) and Southwestern Virginia Mental Health Institute (SWVMHI), currently use an older version of Kronos, and two facilities, Southwestern Virginia Training Center (SWVTC) and Southern Virginia Mental Health Institute (SVWTC), use manual payroll systems. Work will also be done to complete the upgrade of the Central Virginia Training Center (CVTC) to the new Kronos application.

Project Scope:

The Kronos Implementation – Remaining Facilities project scope includes replacing clocks and updating pay rules to meet the requirements of the new system. The remaining facilities will also be added to the existing Kronos servers. The new application will assist with time-keeping, staff scheduling and payroll management.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Law Enforcement Activity Management System (LEAMS)

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Project Initiation Approval

Project Description:

The Law Enforcement Activity Management System (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.

Project Scope:

The Law Enforcement Activity Management System (LEAMS) system will include the following capabilities:

- Create electronic intake documents to record and track all requests for VSP
- Create and manage electronic files for investigations
- Send and receive work using electronic workflow management
- Conduct investigative analysis
- Secure information not only to control system access, but to facilitate internal and external information sharing
- Automatically notify investigators when certain updates are made by other users that may impact their investigation
- Electronically capture incident timeline information
- Provide a comprehensive system to record and track all evidence retrieved, held, and disposed of by VSP personnel
- Record and track legal documents received by VSP personnel and link them to activities performed by VSP personnel to serve or otherwise respond to these documents
- Record and properly secure information on confidential sources so that they can be linked to investigative files and activities without jeopardizing their anonymity
- Expunge records when ordered by a court
- Interface with the following VSP systems: Criminal Funds Accounting System (part of FACTS), Incident Based Reporting (IBR) repository
- Interface with the following external systems: National Data Exchange (N-DEX) and the Law Enforcement Information Exchange (LInX)
- Convert data from legacy systems that is still needed by users.

Three legacy systems--Field Activity Computerized Tracking System, Legal Document Tracking System and Evidence Management System--will be phased out with the implementation of this project.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: My Virginia Tax

Agency: Department of Taxation (TAX)

Secretariat: Finance

Investment Status: Investment Business Case Approval

Project Description:

The My Virginia Tax project will allow taxpayers (individuals and businesses) to access their tax data online with the use of a robust single sign-on authentication portal. Taxpayers would be able to electronically file and pay their taxes, and would be able to access a complete history of their account including past filings, payments made, refunds issued, correspondences, and assessments/bills pending.

Project Scope:

The My Virginia Tax project scope includes replacing multiple login entry points on Taxation's website with a single sign-on portal that will allow taxpayers to go to one place to access Taxation's online systems. The project will also allow for a self-service feature for taxpayers when they forget their passwords. This new functionality has been requested by customers and will significantly improve electronic interaction.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Point of Sales Environment Upgrade

Agency: Department of Alcoholic Beverage Control (ABC)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

The Point of Sales Environment Upgrade project will upgrade VABC's entire POS Software System to current OS and POS software. The current POS Software System runs on Windows XP and will not operate on the next generation of Windows operating system. The new Point of Sales Operating system will utilize the SAP software suite and provide the agency with a faster, and more reliable and technically advanced solution.

Project Scope:

The Point of Sales Environment Upgrade project scope includes the following:

- POS operating system upgrade to Windows 7 or Linux
- Server operating system upgrade to Windows Server 2008 R2 or 2012 version
- POS application upgrade to version 2.3 which is downloadable under the current ABC support contract
- New purchase of Scan guns compliant with SAP POS software which will reside and authenticate on active directory
- Mobile POS upgrade to new third party software (Red Iron) compliant with SAP

Vendor support from SAP for software testing and special ABC configurations will be a portion of the allocated costs, and third party vendor support will also be needed for implementation of the image installation at each store during off hours of operations, and conformance to SEC-501 and PCI-DSS requirements.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Replace Taxation's Phone System with Voice Over IP (VOIP)

Agency: Department of Taxation (TAX)

Secretariat: Finance

Investment Status: Project Initiation Approval

Project Description:

The Replace Taxation's Phone System with Voice Over IP (VOIP) project will replace the Department of Taxation's current phone system components with VOIP. This will allow the agency to eliminate its Rockwell Phone System and adhere with VITA strategic direction.

Project Scope:

The scope of the Replace Taxation's Phone System with Voice Over IP (VOIP) project includes providing enhanced customer service and fostering decision analytics to allow the agency to utilize human resources more efficiently. Existing functionality will be enhanced by allowing full call recording, call-back features, and staffing predictions. TAX's Rockwell and Genesys applications will be replaced by a VOIP call center.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Replacement and Enhancement of the Central Criminal History (CCH) Application

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

The Centralized Criminal History (CCH) application is a component of the larger Central Criminal Records Exchange (CCRE) system. CCH is more than 30 years old, and many of its capabilities are based on a proprietary emulation package, which limits the Virginia State Police (VSP) ability to use the updated infrastructure on which it resides. The project includes purchasing consulting services to gather requirements and develop an implementation plan for either the replacement or enhancement of the CCH system. Once the requirements have been gathered, the agency will survey the market to determine whether a suitable commercial off-the-shelf (COTS) package exists or whether development will be necessary. The project also includes planning for implementation of the system, including installation and deployment of the software at VSP and training services for VSP staff and local agencies.

Project Scope:

The scope of the Replacement and Enhancement of the Central Criminal History (CCH) Application project includes:

- Either the replacement or enhancement of the CCH system at VSP and at local agencies
- Either the replacement or enhancement of the Consolidated Applicant Tracking System (CATS) and the AFIS Messaging system, because they are tightly integrated with the current CCH system
- Support of real time interfaces with other state agency systems such as Supreme Court and Department of Corrections
- Improvement of reporting flexibility through the use of a standard reporting package
- Reduction of the time to modify the software in response to legislative requirements
- Improvement of user interfaces
- Adoption of national XML standards (GJXDM) resulting in improved interfaces with other state and local systems

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Replacement and Enhancement of the Statewide Incident-Based Reporting System (IBRS)

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

The Replacement and Enhancement of the Statewide Incident-Based Reporting System (IBRS) project will replace the current statewide IBRS which operates on legacy technology and does not meet the needs of the law enforcement community in Virginia. Consulting services will be used to gather the requirements for the target system. Once the requirements have been gathered, the agency will survey the market to determine whether a suitable commercial off-the-shelf (COTS) package exists, or whether development will be necessary. The project also includes planning for implementation of the system, including installation and deployment of the software at Virginia State Police (VSP), and training services for VSP and the local agencies.

Project Scope:

The scope of the Replacement and Enhancement of the Statewide Incident-Based Reporting System (IBRS) project will:

- Provide users with additional functionality by moving IBR to a modern software environment.
- Improve data quality, completeness and usefulness by:
 - Expanding reported IBR data to include other incident data such as geocodes
 - Capturing Virginia's Offense Tracking Numbers (OTNs) so that incident data may be linked to criminal history, court and other databases
 - Providing better access to the IBR information by the local agencies for improved crime analyses.
- Provide local and state agencies with efficient access to IBR data with improved ad-hoc report generation capability developed using an industry-standard reporting tool
- Upgrade data submission standards to include OTNs, National Data Exchange (N-DEx) and the Global Justice XML Data Model (GJXDM); It is also probable that data standards related to the Law Enforcement Information Exchange (LInX) will be included
- Link IBR data with criminal history, wanted persons and other databases using incident numbers, OTNs and State IDs (SIDs)

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Replacement of Mapper HR System

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

The Replacement of Mapper HR System project will assist the Personnel Division in migrating from the current Mapper Human Resource Programs to the Oracle eBusiness Suite Human Resources application, will convert legacy data, and will establish the necessary interfaces required by other Virginia State Police (VSP) applications. This will move the HR system from a transitional technology to a strategic technology in accordance with the Commonwealth's enterprise architecture.

Project Scope:

The Replacement of Mapper HR System project scope includes conforming to Virginia's Enterprise Architecture (EA) standard that requires agencies to adopt a plan to transition the legacy technologies (e.g. COBOL, Mapper, etc.) to a more open and modern platform. This project will move VSP away from the legacy technology for Human Resources internal tracking and move toward an Oracle platform through utilization of the Oracle eBusiness Suite implementation currently used for Financials at VSP.

Project Formal Title: Rhapsody Connectivity (RC)

Agency: SHHR HIT/MITA PMO

Secretariat: Health & Human Resources

Investment Status: Investment Business Case Approval

Project Description:

The Rhapsody Connectivity project will connect the Virginia Department of Health (VDH) and DGS Department of Consolidated Laboratory Services (DCLS) Rhapsody COV Enterprise Service Bus (ESB) for development, testing and production environments. The project is needed for DCLS and VDH to participate in the HIE Pilot Phase. The Orion Rhapsody data integration engine is used by DCLS and VDH to facilitate the accurate and secure exchange of electronic data using with the ESB.

Project Scope:

The scope of the Rhapsody Connectivity project interfaces VHD and DCLS for messaging.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: Safety Loss Control Data Management System

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Identified for Preliminary Planning

Project Description:

The Safety Loss Control Data Management System project will provide a paperless documentation management solution to VDOT Safety and Health Division to improve the efficiencies and mitigate the associated risk of its loss control programs, in accordance with Executive Order #44 (2007) and the agency's COOP. The electronic document management system will provide secure storage of the digital files and automated data workflow for the VDOT Worker's Compensation, Tort Claims, and Occupational Health/Medical Exams and Substance Abuse Tests processes.

The system will mitigate the risk of catastrophic destruction, enable secure accessibility during emergencies, and gain operational efficiencies through a centralized system.

Project Scope:

The Safety Loss Control Data Management System project scope will include global management of Safety and Health forms related to Injuries, Tort, Drug Testing, and Training Certifications. Internal resources would be required for data migration and interfaces to existing systems.

The system must comply with the security requirements of REAL ID Act of 2005, subsequent COV statues, the VITA Security Policies and HIPPA requirements as there is Personal Health information (PHI) and Personal Identification Information (PII) collected and retained.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: SecuriTest (KATS II)

Agency: Department of Motor Vehicles (DMV)

Secretariat: Transportation

Investment Status: Project Initiation Approval

Project Description:

The SecuriTest (KATS II) project will provide comprehensive automated testing services including all necessary hardware, software, design, development, customization, configuration, installation, training, and on-going maintenance and support. The Virginia Department of Motor Vehicles seeks to establish a turn-key services contract, through competitive negotiation.

Project Scope:

The scope of the SecuriTest (KATS II) project includes the KATS II Contractor owning and supplying all necessary hardware (servers, workstations, Test Stations, Examiner Consoles, Central Admin Console, peripheral components, etc.) and software to provide automated testing services to DMV and the Contractor providing all necessary service, maintenance, and support.

The KATS II Solution will be installed in all DMV Customer Service Center locations and mobile Customer Service Centers throughout the Commonwealth as specified by DMV. The KATS II Solution will also provide remote web-based testing at external business partner sites, such as public schools and commercial 3rd party test sites.

This project will replace the current KATS system with the Next Generation Knowledge Automated Testing System (KATS II Solution). The KATS II Solution will incorporate necessary advancements in testing and technology which were not available when the current KATS system was implemented in 1993 and updated in 2005.

The KATS II Solution will be an integrated testing operation that combines driver knowledge, road signs, motorcycle, CDL, and various tests from other agencies into one testing system that supports on-site testing at DMV Customer Service Centers as well as remote web-based testing at external business partner sites.

The KATS II Solution will also allow for smart testing, test questions with associated graphics, an increased capability to provide testing in foreign languages, such as Chinese, Arabic, Urdu, etc., and provide sign language support. The system will also have the capability to print and grade randomized tests with graphics at each DMV Customer Service Center.

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: STARS Asset Management Tracking System

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

The Statewide Agencies Radio System (STARS) program needs an asset management and tracking system to provide up-to-date inventory information and historical tracking of radio and tower assets and equipment. Motorola, under the terms of the STARS contract, provides an inventory system for VSP's STARS equipment. This inventory system does not provide timely information on the STARS assets and inventory, nor does it provide historical tracking of assets. In addition, once 60,000 items are in the inventory, Motorola's charges for the system will greatly increase. Currently, VSP has over 40,000 items in inventory.

Project Scope:

The implementation of the STARS Asset Management Tracking System will:

- automate STARS inventory control and tracking procedures
- allow for single point of data capture via automated tools such as bar code scanners replacing existing clerical procedures
- provide on-line access directly into STARS inventory allowing immediate historical tracking of an asset's life cycle, even after it is placed into service within the STARS environment
- generate ad hoc queries on demand
- interface with other e-Business products such as Service (NOC Help Desk) and Fixed Assets, and provide asset configuration management throughout the life cycle of an asset
- provide cost effective real time tracking of information

Appendix C - 2012 Major IT Project Descriptions

Project Formal Title: State Longitudinal Data System (SLDS)

Agency: Department of Education (DOE)

Secretariat: Education

Investment Status: Project Initiation Approval

Project Description:

The Department of Education (DOE), in partnership with the Office of the Governor, the State Council of Higher Education (SCHEV), the Virginia Community College System, the Virginia Information Technologies Agency (VITA), and Virginia's workforce agencies, proposes to expand on the advancements we have made through our current Statewide Longitudinal Data Systems (SLDS) grant. In order to establish a comprehensive, longitudinal P-20 data system, the SLDS Grant Program proposed the following (refer to 'SLDS Grant Program vs. SLDS Project' for project exclusions):

- Create an integrated K-12 student-teacher information system that matches individual teachers to students
- Create a longitudinal data linking and reporting system with the ability to link data among state agency data sources, including K-12, higher education, and workforce systems
- Develop a web-based portal to provide one-stop access to education and workforce data by policymakers, educators, the public, program directors, researchers, etc.
- Design a data management and control system that enables us to maximize data quality, ensure accessibility with appropriate security, and enhance the usefulness of the data in both existing and proposed systems
- Develop a mechanism for postsecondary institutions to receive transcript data
- Develop an upgraded teacher certification system to enable VDOE to electronically capture information on the teachers' preparation programs

Project Scope:

The State Longitudinal Data System (SLDS) project scope includes making education and workforce data more available to a wider group of constituencies and customers in order to improve processes and decision-making. It will specifically make a critical difference to the following major VDOE initiatives:

- Improving the quality standards for all public schools in Virginia
- Providing leadership to help schools and school divisions close the achievement gap and increase the academic success of all students
- Ensuring meaningful, on-going professional development for professional educational personnel
- Supporting accountability for all schools, with a focus on assisting chronically low-performing schools and school divisions

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- Working cooperatively with partners to help ensure that young children are ready for school
- Assisting teachers to improve the reading skills of all students, kindergarten through grade 12
- Continuing efforts to enhance the training, recruitment, and licensure renewal of highly qualified teachers, educational support personnel, and administrators, with a focus on the needs of “hard to staff” schools
- Providing leadership for implementing the provisions of state and federal laws and regulations smoothly and with minimal disruption to local divisions.

Project Formal Title: SYIP Technology Upgrade

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Identified for Preliminary Planning

Project Description:

The SYIP Technology Upgrade project will modernize the outdated physical architecture of the SYIP Technology Suite to allow for the use of the latest tool features and supported MicroSoft software versions, and to eliminate security concerns on the database. This project will also migrate the point-to-point interfaces to real-time integration for more efficient data sharing.

Project Scope:

The SYIP Technology Upgrade project scope includes recoding the SYIP Technology Suite to ensure the application works with the current versions of Windows and SQL Server. Also, new versions of Microsoft software will be installed and database security will be enhanced.

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Project Formal Title: Syndromic Surveillance Interface (SSI)

Agency: SHHR HIT/MITA PMO

Secretariat: Health & Human Resources

Investment Status: Identified for Preliminary Planning

Project Description:

The Syndromic Surveillance Interface project will interface data transmitted by participating organizations to the Virginia Department of Health (VDH). The project will allow the data to be grouped into syndromes and statistical algorithms, and run to identify unusual temporal and geographic patterns that might indicate situations of concern.

Project Scope:

The scope of the Syndromic Surveillance Interface project will establish message exchange service/interfaces between the Syndromic surveillance system and the COV Enterprise Service Bus (ESB) and must support transactions between VDH and messaging partners. The project also requires use of HITSAC endorsed messaging standards.

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Project Formal Title: Telecommunications Expense (Management) and Billing System (TEBS)

Agency: Virginia Information Technology Agency (VITA)

Secretariat: Technology

Investment Status: Investment Business Case Approval

Project Description:

The Telecommunications Expense (Management) and Billing System (TEBS) project will procure and implement a modern, integrated, and user-friendly telecommunications expense management and billing solution. The TEBS project will replace the 30 + year old mainframe Telecommunications Inventory Billing System (TIBS) that currently supports VITA's Telecommunications Service Delivery with a system that supports all of the existing TIBS functionality and additional telecommunication expense functionality.

Project Scope:

The Telecommunications Expense (Management) and Billing System (TEBS) project scope includes the following stakeholders: Telco vendors, agency customers, VITA, and Northrop Grumman. The TEBS solution is also expected to create additional categories of stakeholders - Budget, Partnership Expense Management and Recovery (PEMR), Customer Relationship Management (CRM), Customer Account Managers (CAMS), Telco Services, Billing, and Telco Reconciliation.

The proposed solution will incorporate Telecommunications Expense Management. This is an integrated approach that extends beyond transaction processing to cover all aspects of telecommunications services to include: sourcing management, ordering and provisioning and user support, inventory management, invoice management, usage management, dispute resolution and executive information and decision support.

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Project Formal Title: Traffic Safety Enterprise Data Warehouse

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Identified for Preliminary Planning

Project Description:

The Traffic Safety Enterprise Data Warehouse project will consolidate data from multiple VDOT systems to analyze safety data, to plan, and to optimize various users' analysis and reporting needs.

Project Scope:

The Traffic Safety Enterprise Data Warehouse scope includes collecting data that affects VDOT's business lines from multiple disconnected systems. Currently users spend more time gathering data than they do analyzing it. This project will allow VDOT to summarize safety-related data for calculations and reporting needed for better traffic safety decision making.

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Project Formal Title: Unemployment Insurance Modernization

Agency: Virginia Employment Commission (VEC)

Secretariat: Commerce and Trade

Investment Status: Project Initiation Approval

Project Description:

The VEC needs to modernize the Unemployment Insurance system. A client/server system will replace the VEC's decades-old IBM-mainframe Benefits, Tax, and Wage systems. VEC has identified two goals for the Unemployment Insurance Modernization project:

- Replace the existing UIBT applications using a foundation of new technology and improved design methods to improve flexibility and maintainability. This includes the ability to add new features and to incorporate system changes resulting from future law and policy changes.
- Improve the UIBT business processes to meet unemployment insurance business needs that have changed since the mid-1980s. The new business processes are targeted to be significantly more efficient and adaptable to wide swings in workload.

Project Scope:

The Unemployment Insurance Modernization project includes modernizing the computer hardware and software as well as business workflows and some business processes that VEC uses to administer the Unemployment Insurance Benefits, Tax, and Wage systems for the Commonwealth of VA. Modernization includes moving these systems to client/server/web technologies that use relational data stores.

The UIBT System will provide:

- Implementation of a Benefit Audit, Reporting and Tracking system that will support the prevention, detection, and processing of both fraudulent and non-fraudulent unemployment insurance overpayments. The system will facilitate several types of audits and help automate case management.
- Implementation of an Appellate Hub for Appeals that will provide end-to-end service for conducting conference call hearings, digitally recording hearings, archiving and retrieving hearings for review, and purging old recordings.

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Project Formal Title: Urban Conversion Project

Agency: Department of Transportation (VDOT)

Secretariat: Transportation

Investment Status: Project Initiation Approval

Project Description:

VDOT will outsource management, collection and processing of urban road data transformation activities. Specifically, this is a data delivery project that will clean and normalize the current VDOT urban roads inventory (UMIS) files to comply with national data standards (NENA) in terms of street name conventions. Cleaned UMIS road data will then be available for data maintenance activities in the Urban Module of the Roadway Network System (RNS) application. Ultimately, UMIS road data will be geospatially enabled or sequenced following RNS methods so that discrepancies between actual lane miles and current inventory of lane miles can be calculated and displayed as part of the RNS mapping network.

Project Scope:

The scope of the Urban Consolidation Project is an up to date urban roadway center line with a normalized database, addressing, and connectivity capabilities that enable the creation of a street name-based linear referencing system. To accomplish this goal, the project will select a vendor to implement the methods, models and tools developed as part of the UCP Pilot initiative, to be utilized for the remaining Virginia localities within the UMIS dataset. The compliant road data will then be migrated into RNS.

VDOT will retain data validation, load and Linear Reference System generation activities.

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Project Formal Title: VirginiaCORIS Integration with LIDS (Local Inmate Data System)

Agency: Department of Corrections (DOC)

Secretariat: Public Safety

Investment Status: Project Initiation Approval

Project Description:

The VirginiaCORIS Integration with LIDS (Local Inmate Data System) project will enhance the existing Department of Corrections VirginiaCORIS system, an automated Offender Management Information system, to include the Local Inmate Data System (LIDS) functionality. The LIDS system records offenders who enter and exit jail for the purpose of funding per diem costs in those facilities

Project Scope:

The VirginiaCORIS Integration with LIDS (Local Inmate Data System) project will replace the existing LIDS application from the State Compensation Board.

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Project Formal Title: Virginia Intelligence Management System (VIMS)

Agency: Department of State Police (VSP)

Secretariat: Public Safety

Investment Status: Investment Business Case Approval

Project Description:

In 2005, the Virginia Fusion Center (VFC) was formed within Virginia State Police (VSP) 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 a system for statewide intelligence, the Tactical Intelligence Processing System (TIPS). VSP plans to replace and enhance the TIPS system since it is based on proprietary technology (Mapper) and has limited functionality.

VSP seeks to procure an intelligence management software system (Intelligence System) that can provide the Virginia Fusion Center with a means to track, link, and analyze persons, places, things, and events of interest to the Virginia Fusion Center. The Intelligence System will import data from a variety of disparate data sources including user input, commercial data sources, government data sources, and the Internet.

Project Scope:

The scope of the Virginia Intelligence Management System (VIMS) project is the purchase of an intelligence package/development services, integration services, and implementation of a Fusion Center repository of intelligence information. This system will be implemented in the VSP Fusion Center and will replace the legacy Tactical Intelligence Processing System (TIPS).

The Virginia Intelligence Management System will support Virginia's Fusion Center intelligence information collection, management, sharing, analysis, and dissemination. The goals for VIMS are to:

- Protect, mitigate, or respond to terrorist and criminal activity
- Enhance officer safety
- Support VFC investigative and analytical activities

VIMS will provide the Virginia Fusion Center with the tools to intake, review, classify, analyze, prioritize, disseminate, and reevaluate intelligence data in a 28 CFR Part 23 compliant system operated by VSP. VSP and VFC staff will be available to support agencies that do not have an intelligence capability and will use VIMS to manage their cases.

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Project Formal Title: WebCAT Rewrite

Agency: Department of Motor Vehicles (DMV)

Secretariat: Transportation

Investment Status: Investment Business Case Approval

Project Description:

The WebCAT Rewrite project will develop a single-point of entry for specific Motor Carrier customer needs, and address the end-of-life WebCAT application. DMV's highly sophisticated Motor Carrier operation manages every aspect of vehicle licensing, fuels tax, inter- and intra-state regulations and licensing. The Motor Carrier works in a mixed application environment with outdated systems, and DMV's commercial carrier customers interface with DMV through up to three different systems depending upon the transaction. Each of the systems is at end-of-life.

Project Scope:

The WebCAT Rewrite project scope includes the upgrade and/or retirement of several existing applications and integration among specific DMV-managed applications and a vendor interface. Additionally, this project will transform the related Motor Carrier business logic from the DMV mainframe to the middle tier in the FACE environment.

Desired Outcomes include:

- Upgrade end-of-life infrastructure/systems/software to reduce support and maintenance
- Provide two-factor authentication to improve security
- Improve process workflows, credential deliveries, inventory management, uptime, system responsiveness, payment process/methods, communication points, administration, reporting capabilities, and measurement and reporting of service level agreements
- Increase revenue by acquiring new customers.

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Project Formal Title: Women, Infants, and Children (WIC) Electronic Benefits Transfer (EBT) Project

Agency: Department of Health (VDH)

Secretariat: Health & Human Resources

Investment Status: Project Initiation Approval

Project Description:

The Women, Infants, and Children (WIC) Electronic Benefits Transfer (EBT) project will develop and implement the business processes and associated technology to provide electronic WIC (e-WIC) issuance, redemption, payment, and reconciliation services to distribute food benefits in the Virginia and West Virginia WIC Programs, the states of the e-WIC Consortium. Virginia will act as the lead state and will perform consortium-level project management and administration activities.

The project will require procurement of a number of services including support for the development of an Implementation Advanced Planning Document (IAPD), as required by the United States Department of Agriculture Food and Nutrition Service, Quality Assurance and Monitoring, and Design, Development, and Implementation of the selected e-WIC solution. The project will implement an online, outsourced EBT technology. A critical task of e-WIC will be to work with the retailer environment to seek feasible solutions for point-of-sale equipment and maintenance.

Project Scope:

The scope of the Women, Infants, and Children (WIC) Electronic Benefits Transfer (EBT) project is the implementation of an Electronic Benefits Transfer (EBT) system for the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) program administered by the United States Department of Agriculture Food and Nutrition Service and operated by the Virginia Department of Health Division of Community Nutrition Services and the West Virginia Department of Health and Human Resources Nutrition Services Division. This will include the:

- Development and implementation of business policies, processes and procedures relating to EBT
- Implementation of an information system to automate the issuance, redemption and settlement of food benefits
- Interfacing of the EBT system with the Crossroads WIC management information system currently under development by a consortium of state WIC agencies including the Virginia and West Virginia WIC agencies
- Establishment of a contract with a vendor to manage and operate the processes and information system.

The project includes the use of an electronic food prescription that specifies particular food items, quantities of the food items that can be purchased, the time period within which the food items must be purchased, and the maximum value associated with these food item purchases. These electronic benefits are maintained in an account which is set up for a benefit recipient.

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Project Formal Title: Workforce Enterprise System (WES) Project

Agency: Virginia Community College System (VCCS)

Secretariat: Education

Investment Status: Project Initiation Approval

Project Description:

The Workforce Enterprise System (WES) project will provide workforce development students/participants and corporate clients with an intuitive, web-based, user-friendly enrollment system. The system will increase course offerings available through Internet searches, mobile applications, and other emerging media technologies.

Project Scope:

The scope of the Workforce Enterprise System (WES) project includes eliminating the variety of systems, databases, spreadsheets, and documents that currently support noncredit workforce instruction and continuing education in the VCCS, implementing a consistent set of business processes rather than a hodge-podge of processes run separately at each college, and streamlining the workflow processes by providing a modern and multifunctional, web-based system for all noncredit course registrations.

The system will also provide a single enterprise automated Solution to enable and foster the design and development of strategic marketing to encourage lifelong learning relationships between the VCCS and participants of all ages and from all sectors, and provide accurate, auditable data to support data-driven decision making at the levels of the Chancellor's office, the Vice Chancellor for Workforce Development Services, the General Assembly, the college presidents, and the college workforce leaders.

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Project Formal Title: Yorktown Museum Replacement – Technology

Agency: Jamestown-Yorktown Foundation (JYF)

Secretariat: Education

Investment Status: Project Initiation Approval

Project Description:

The Yorktown Museum Replacement–Technology project will install the requisite technology components for the Yorktown Museum replacement project, including exhibit technology, audio visual components, wireless, data and telecommunications. The Yorktown Museum Replacement project will improve the necessary IT infrastructure in order to accommodate expected future visitation.

Project Scope:

The Yorktown Museum Replacement–Technology project scope will:

- Replace the exhibitory that has exceeded its useful life
- Provide a properly sequenced visitor experience and eliminate troubled visitors attempting to find their way in the museum
- Provide an adequately sized changing gallery to offer a more effective impetus for repeat visitation. By maximizing the potential of the museum, the agency will achieve its educational and revenue generating potential.
- Include requisite technology components: data and telecommunication wiring; storage racks; relocation of servers, routers and workstations; audio visual systems; wireless network; kiosks; peripherals for point-of-sale terminals; building security; and exhibit audio visual and technology.

The Project will be completed in two phases:

- Phase I - Construction of a building to house the technology components involved in the replacement of the existing Yorktown Victory Center Museum.
- Phase II - Exhibits (audio visual displays, film, kiosk, etc). Audio visual components of exhibits will require equipment and installation.