

# Appendix C – 2020

## Major IT Project Descriptions

**Project Formal Title:** Cardinal HCM Interfaces Project  
**Agency:** Behavioral Health and Developmental Services (DBHDS)  
**Secretariat:** Health & Human Resources  
**Investment Status:** Project Initiation Approval

### **Project Description:**

The Cardinal HCM Interfaces project will require 5 parallel efforts:

1. Fulfilling all the information gathering tasks, design work, testing and training efforts required by the Cardinal Human Capital Management (HCM) project team
2. Reconfiguring DBHDS Kronos Timekeeping system to capture Cardinal HCM-specific information
3. Developing and testing a new DBHDS Kronos interface to Cardinal HCM
4. Developing and testing a new DBHDS FMS interface from Cardinal HCM
5. Developing and testing a new DBHDS HOPS interface from Cardinal HCM

### **Project Scope:**

Cardinal HCM is the Commonwealth's initiative to replace CIPPS, PMS, BES, and TAL as the Commonwealth's Human Capital Management system.

Kronos is the time and attendance tracking system currently utilized by DBHDS.

HOPS and FMS are in use by DBHDS in daily operations.

The Cardinal HCM Interfaces project will require 5 parallel efforts:

1. Fulfilling all the information gathering tasks, design work, testing and training efforts required by the Cardinal Human Capital Management (HCM) project team
2. Reconfiguring DBHDS Kronos Timekeeping system to capture Cardinal HCM-specific information
3. Developing and testing a new DBHDS Kronos interface to Cardinal HCM
4. Developing and testing a new DBHDS FMS interface from Cardinal HCM
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## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Cardinal Statewide HCM

**Agency:** Department of Accounts (DOA)

**Secretariat:** Finance

**Investment Status:** Project Initiation Approval

### **Project Description:**

Cardinal is the Commonwealth's Enterprise Resource Planning (ERP) system for administrative systems. Cardinal has implemented financial modules via several system rollouts at Virginia Department of Transportation (VDOT), Department of Accounts (DOA), ~140 agencies (Wave 1 of Statewide Rollout) and is in the process of implementing Cardinal at another ~134 agencies as part of Wave 2 of the Statewide Rollout of financials. The Commonwealth's current Payroll system is CIPPS. CIPPS was implemented in the mid-1980s. It is a purchased software package supported by Infor Global Solutions (formerly McCormack and Dodge, Dun and Bradstreet, and GEAC). The current application runs on the IBM mainframe and is written in COBOL. Infor has announced technical support for the application will end May 31, 2018. The Commonwealth will expand the Cardinal system to include the necessary PeopleSoft modules to meet the payroll functional requirements. This will result in the design, development, test and deployment of a new payroll system to over 200 state agencies. At the end of this implementation, CIPPS will be retired.

### **Project Scope:**

The Cardinal Statewide HCM implementation will span approximately 30 months and consist of two releases as part of its scope. This involves rolling the system out to an estimated 665 individual agencies/localities, covering an estimated 10,000 core users, and 200,000 self-service users.

Release 1: deploys the system to all benefit-only entities and a pilot group of payroll agencies representing approximately 10 percent of the active employee population currently processed by CIPPS. The payroll-pilot group will include Virginia Department of Transportation (VDOT), Department of Accounts (DOA), Department of Human Resource Management (DHRM), and representative interfacing agencies. The new reports, interfaces, conversion and extensions (RICE) functionality will be delivered in Release 1. This will include the modification of some existing VDOT customizations and new functionality delivered as part of the HCM Project.

Release 2: Delivers the system to the remaining agencies. At the conclusion of Release 2, it is anticipated that Cardinal will replace CIPPS, PMIS, and BES as the Commonwealth's integrated HCM system of record.

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**Project Formal Title:** Case Management Report Management and Dispatch Systems (CaRDS)

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

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### Project Description:

This project includes investigative processes that may (as defined in policy) require an Investigative Report (SP-102) and processes that directly support these investigations as specified below:

- Investigative Requests & Complaints
- Investigations (analysis, documenting completed actions and investigative reports)
- Search Warrants
- Criminal Funds
- Arrests & Bookings
- Confidential Informants (CIs)
- Legal Document Service & Arrests
- Activity Time Reporting
- Interface with Incident-Based Reporting System

### Project Scope:

The items below describe the project scope:

This project includes investigative processes that may (as defined in policy) require an Investigative Report (SP-102) and processes that directly support these investigations as specified below:

- Investigative Requests & Complaints
- Investigations (analysis, documenting completed actions and investigative reports)
- Search Warrants
- Criminal Funds
- Arrests & Bookings
- Confidential Informants (CIs)
- Legal Document Service & Arrests
- Activity Time Reporting

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** CCWIS - Mobility

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

The state requests a COTS enterprise mobile software solution for Family Service specialists to use to enter case notes, update and access case records, and perform assessments in the field. Providing them a mobile solution will help to ensure timely, accurate reporting and will reduce the delay in data-entry caused by only having the ability to enter the information into the system while in the formal office setting.

### **Project Scope:**

The Department is seeking a solution that will provide for a configurable, COTS mobile application that will run concurrently and interfaces with the Department's current child welfare information system, the Online Automated Services Information System (OASIS) along with related databases. The project scope includes procurement, customization, configuration, implementation of software, servers and services to implement the proposed solution.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** CCWIS - Program

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health & Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

CCWIS (Comprehensive Child Welfare Information System) will replace outdated legacy systems that do not meet the needs of children and families in the Commonwealth. The new solution will use a modular approach to replace and enhance functionality and allow workers to spend more time in the field with their clients. The program will include 5 modules and stretch over 5 years. The net objective of the Department is to obtain an OASIS replacement that has an easy-to-use (user friendly) and reliable user interface aligned with the state's model of practice. The new system shall enable a truly mobile workforce with advanced internet based products that reduce the burden of information entry and maintenance, establish real time information gathering, and support management reporting requirements. The new system will increase integration and coordination between VDSS and other state organizations through comprehensive data sharing interfaces. The scope of the program includes mobility, case management, financial management, provider management and public portals

### **Project Scope:**

The net objective of the Department is to obtain an OASIS replacement that has an easy-to-use (user friendly) and reliable user interface aligned with the state's model of practice. The new system shall enable a truly mobile workforce with advanced internet based products that reduce the burden of information entry and maintenance, establish real time information gathering, and support management reporting requirements. The new system will increase integration and coordination between VDSS and other state organizations through comprehensive data sharing interfaces. The scope of the program includes mobility, case management, financial management, provider management and public portals.

# Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** CEDAR Upgrade Project

**Agency:** Department of Transportation (VDOT)

**Secretariat:** Transportation

**Investment Status:** Project Initiation Approval

## **Project Description:**

The CEDAR Upgrade Project is focused around delivery four new modules as an enhancement to the existing CEDAR system. These Modules will enable more efficient workflow, automate manual processes, and improve data accuracy, while also helping to reduce the risk of not being fast enough to respond within regulatory mandates. Modules will focus on delivery of new capabilities for TMDL/MS4, Facilities Compliance, GIS, and FPWR.

## **Project Scope:**

The Project will deliver enhancements to 4 modules in the existing CEDAR application with scope as follows:

Fish, Plant, and Wildlife Resources (FPWR): (This program area has been renamed to Threatened and Endangered)

- Create Comprehensive Species Conclusion Table, by pulling data from agency sources
- Utilize geospatial functionality available to eliminate repeat manual entries of data
- Create centralized storage repository for documentation

Geographical Information System (GIS) for the Environmental Division:

- New forms and layers auto-populated in CEDAR
- Ability for consultants to create map packages
- Ability to upload georeferenced photos and shape files
- Populate data to and from other sources
- New map functionality for Location studies
- Integrated functionality

Facilities Compliance:

- The project will address the following facilities-based processes:
- SPCC monthly and annual inspections
- SWPPP monthly and annual inspections
- Facility compliance assessments
- Industrial hygiene studies and respirator fit
- Tracking of training records / transcripts for formal and informal training
- Waste management and other compliance documentation tracking
- The project will address enhancements to Hazmat projects

Municipal Separate Storm Sewer System (MS4) / Total Maximum Daily Load (TMDL):

- Track Best Management Practice (BMP) and Nutrient Credits
- Identify new BMPs
- Evaluate Qualifying Criteria

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Child Support Payment Processing

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

DCSE seeks to invest in Software and software maintenance as necessary to operate the Payment Processing Unit (checks) in the State Disbursement Unit. The investment may also include hardware lease and/or purchase to include maintenance of hardware component units for the purpose of performing automated mail extraction and imaging of checks and related documents. Scope of the project includes purchase of payment processing software, maintenance of software, purchase and/or lease hardware for imaging and mail extraction as well as maintenance necessary for hardware.

### **Project Scope:**

Scope of the project includes purchase of payment processing software, maintenance of software, purchase and/or lease hardware for imaging and mail extraction as well as maintenance necessary for hardware.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Child Support Refactoring Project

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health & Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The Virginia Department of Social Services Division of Child Support Enforcement (DCSE) provides for the location, establishment, and enforcement of child support orders through education, prevention, technology and enforcement activities. The batch functionality of DCSE application APECS currently run on mainframe using programming languages COBOL and JCL. The current VITA's mainframe contract with Prespecta end June 2nd 2022. VITA is encouraging agencies to migrate off of mainframe at the earlier possible. VDSS plans to retire existing mainframe technology and replace the functionality with a Windows-based server environment by December 2022. There are approximately 450 jobs consisting of 770 programs that make up the mainframe batch schedule and executed from 6pm to 6am every day of the year. The batch application programs perform the processing of; Incoming and outgoing payments, Case management, Order enforcement and Action while interfacing with 36 external entities. These batch processes also interface with internal DSS system such as Family Services and other entities. The Project will ensure all the batch jobs are identified and migrated to a new server based environment solution. The project will ensure the Software development principles are followed and the functionality is thoroughly tested prior to production use. The project will use industry standard (Agile) project methodology. The project will also seek recertification from the federal Office of Child Support Enforcement (OCSE). The Mainframe batch migration is expected to be performed by a vendor. The vendor is expected to be selected by RFP process.

### **Project Scope:**

VDSS plans to retire existing mainframe technology and replace the functionality with a Windows-based server environment by December 2022.

There are approximately 450 jobs consisting of 770 programs that make up the mainframe batch schedule and executed from 6pm to 6am every day of the year. The batch application programs perform the processing of; Incoming and outgoing payments, Case management, Order enforcement and Action while interfacing with 36 external entities. These batch processes also interface with internal DSS system such as Family Services and other entities listed in Appendix A. The scope of this project to migrate the batch functionality to a new server based solution.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** COMPASS (Case Management)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health & Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

An enterprise case management information system for child welfare professionals to enter case information, update and access case records, view scanned documents, generate reports and meet federal eligibility criteria for reporting and funding.

### **Project Scope:**

The Department is seeking a solution that will provide for a configurable, case management solution that will replace four legacy and one SaaS information system. The project scope includes procurement, customization, configuration, implementation of software, servers and services to implement the proposed solution. The scope and requirements are define in the RFP and contract which will both be attached once awarded.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Cover VA Implementation Project

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

Implement the Cover Virginia (CoverVA) Operations service. The Cover Virginia Operations will be primarily composed of a Medicaid/FAMIS State-Wide Call Center, an eligibility Central Processing Unit (CPU) for Medicaid/FAMIS eligibility determinations, and a Cover Virginia Incarcerated Unit (CVIU) with a call center and eligibility staff that works with correctional facilities, as well as hosting and maintaining the Cover Virginia Websites and domains. These operational units will include the necessary supporting operations such as: a mailroom; systems support; quality control assurance; training; website development operations; appeals; and other resources.

### **Project Scope:**

The Cover Virginia Call Center shall be the primary contact center for Medicaid and FAMIS applicants and members. Customer representatives, including bilingual staff, shall assist callers with their healthcare questions and inquiries, explain the eligibility process, provide case maintenance, provide general program information, telephonic application assistance, and assist callers with questions about the 1095-B tax form. The Cover Virginia Call Center may have specialized sub-units to handle specific services by subject matter experts. These include Medicaid/FAMIS unit, Pregnant Women unit, Incarcerated Call Unit, E-Comm Unit, Member Helpline for Benefits and Claims Call Unit. Each call center unit shall be a “First Call Resolution” (FCR) service center. Cover Virginia Central Processing Unit (CPU) Provide eligibility determination services including initiating eligibility determinations in VaCMS for family and children’s Medicaid groups in coordination with local Department of Social Services.

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**Project Formal Title:** CRIS - Criminal and RapBack Information System

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

**Secretariat:** Public Safety & Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The Virginia State Police is seeking an integrated, cloud-hosted, browser-based, software as a service solution (SAAS) for criminal history and tracking system.

### **Project Scope:**

In compliance with Executive Order 19, the Virginia State Police is seeking an integrated, cloud-hosted, browser-based, software as a service solution (SAAS) for:

- computerized criminal history
- applicant tracking
- master name index
- civil commitment orders

that provides for:

- integration with the Alternate National Fingerprint File (A-NFF)
- integration with the criminal justice information network message switch, including interfaces to criminal justice users, the International Justice and Public Safety Network, the National Crime Information Center, and state criminal justice repositories/hotfiles
- adoption of standardized XML formats for the exchange of data among agencies
- event-based rap back subscription capability
- replacement of the current master name index, which is at end of life
- improved arrest, disposition, juvenile, mental health, and expungement data integration with the courts and Department of Corrections
- timely responses to criminal and applicant inquiries

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Crossroads Project

**Agency:** Department of Health (VDH)

**Secretariat:** Health & Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The WIC Program State Agency Model (SAM) is an FNS initiative to plan, develop, and deploy model management information systems (MIS) in WIC state agencies (SAs).

The Crossroads State Consortium (XRSC) was created in response to the SAM initiative for designing, building, and implementing new WIC information systems nationwide. The Consortium consisting of 4 states, Alabama, North Carolina, Virginia, and West Virginia, awarded a contract to Computer Sciences Corporation (CSC) in 2009 to build a SAM system.

### **Project Scope:**

Software modifications to the Crossroads system will be required. Modifications will include but will not be limited to, changes necessary to meet policy, statutory or regulatory requirements, defect remediation and other changes as determined by the XRUG and the CCP.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Data Center Move (DCRP)

**Agency:** Virginia Information Technologies Agency (VITA)

**Secretariat:** Administration

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The Data Center Relocation Program consists of the entire lifecycle of all of the component programs, projects and activities which will successfully transition the Commonwealth off of the physical IT infrastructure at the Chesterfield Enterprise Solutions Center (CESC) to a different computing center by the end of 2021. Transformation of the current business practices or current infrastructure is not within the scope of this program. Although it is within the scope of the program to conceive and operationalize the ongoing operations management, administration, governance and oversight of the future-state, the actual management, etc. of ongoing operations takes place after the program has transitioned these functions to the normal operations responsibilities, and is outside the scope of the ITIS Program. There are 3 major efforts (sub-programs) envisioned: (1) the EO19 subprogram effort where physical assets (i.e. servers housing agency application(s)) are virtualized where possible; this EO19 effort is coordinated by VITA, and has many separate agency projects, (2) the Virtualize subprogram is the effort where individual service towers (i.e. Managed Security, Network, etc.) have their respective software applications virtualized; and (3), the Physical Move subprogram where applications are enabled for cloud production.

### **Project Scope:**

The Data Center Relocation Program Scope consists of the entire lifecycle of all of the component programs, projects and activities which will successfully transition the Commonwealth off of the physical IT infrastructure at the Chesterfield Enterprise Solutions Center (CESC) to a different computing center by the end of 2021.

# Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Data Center Move

**Agency:** Virginia Information Technologies Agency (VITA)

**Secretariat:** Administration

**Investment Status:** Project Initiation Approval

## **Project Description:**

The Chesterfield Enterprise Solutions Center (CESC) Data Center Move consists of three major efforts (sub-programs) contained within: (1) Executive Order 19 (EO 19) subprogram effort where physical assets (i.e., servers housing agency application(s)) are virtualized where possible; this EO 19 effort is coordinated by VITA, and has many separate agency projects, (2) the Virtualize subprogram is the effort where individual service towers (i.e., Managed Security, Network, etc.) have their respective software applications virtualized; and (3) the Physical Move subprogram where applications that have not been virtualized or cannot currently be virtualized are physically moved out of CESC to a new data center.

The focus of this project is on the Physical Move subprogram. Any IT infrastructure and assets that are located in the CESC data center and will continue to serve a useful purpose after the project completion deadline will be physically moved to the new data center. Any IT infrastructure and assets that are no longer needed will be physically removed from the CESC data center in preparation for the return of the building to the landlord.

The scope of work for this project is to physically move the infrastructure supporting applications that cannot be virtualized to a new data center. This infrastructure may be supporting agencies, Service Tower Suppliers (STSs), and one or more projects or Requests for Service. There are three identified levels of involvement for the STSs.

## **Project Scope:**

The scope of work for this project is to physically move the infrastructure supporting applications that cannot be virtualized to a new data center. This infrastructure may be supporting agencies, Service Tower Suppliers (STSs), and one or more projects or Requests for Service. There are three identified levels of involvement for the STSs:

1. No involvement – does not have anything in the CESC data center, will not have anything in a new data center, does not touch anything in either location
2. Minor involvement – has at a minimum one or more applications in or touching the existing data center or will touch a new data center.
3. Major involvement – has significant infrastructure, applications, integration in the existing as well as a new data center.

The STSs are categorized as follows:

- ATOS – major involvement

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- Iron Bow – minor involvement
- Perspecta – minor involvement
- Tempus Nova – minor involvement
- Unisys – major involvement
- Verizon – major involvement
- Xerox – minor involvement

There are no STSs with no involvement.

This project scope will also include the removal of all equipment in the CESC data center in preparation for exiting the building.

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**Project Formal Title:** DCJS FAACT Data Sharing Project (aka Opioid Data Sharing)

**Agency:** Department of Criminal Justice Services (DCJS)

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Project Initiation Approval

### **Project Description:**

This project is a continuation project pilot that was initiated last year to develop and execute the necessary data sharing agreements and to develop the data-sharing platform. The work in this project was conducted with the Northwest Virginia Regional Drug Task Force (Task Force) and the Northern Shenandoah Valley Substance Abuse Coalition (NSVSAC). With Phase I coming to an end as well as begin successful, the next steps include expanding this platform to other locations within the state. The project is a state initiative and the chief data officer has been assigned to address the Opioid issue in Virginia through collaboration and data sharing.

### **Project Scope:**

The scope of this project is to enhance the capabilities of the data-sharing platform that was developed in Phase I and expand the service area to other localities in Virginia. Phase I was a successful Proof of Concept project that established a data-sharing platform and put in place a data sharing agreement between the Northwest Virginia Regional Drug Task Force, Northern Shenandoah Valley Substance Abuse Coalition (NSVSAC). The NSVSAC is a coalition of law enforcement, health care, substance abuse treatment and recover service providers, advocacy organizations and families impacted by substance abuse and addiction in the Winchester region.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Digitize Bridge Inspection Reports Project

**Agency:** Department of Transportation (VDOT)

**Secretariat:** Transportation

**Investment Status:** Investment Business Case Approval

**Project Description:**

VDOT needs to select and implement a modern, automated inspection software tool that efficiently captures key data, streamlines workflows, integrates data across key systems, and accelerates development of reports and analysis.

**Project Scope:**

VDOT needs to select and implement a modern, automated inspection software tool that efficiently captures key data, streamlines workflows, integrates data across key systems, and accelerates development of reports and analysis.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** DOCTime - DOCXL and TAL Replacement Project

**Agency:** Department of Corrections (DOC)

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### Project Description:

The overall process for time tracking and attendance, scheduling, and leave management is manual and paper-based often resulting in incorrect time calculations and annual leave compliance issues. Different institutions have different processes for capturing arrival and departure times, which leads to inconsistent policy compliance. Significant time is spent auditing, tracking errors and correcting errors by local HR personnel and supervisors as well as HQ payroll personnel. The Digi-Time - DOCXL and TAL Replacement Project is designed to correct these issues.

### Project Scope:

- In Scope
  - o Replace DOCXL in all facilities and institutions throughout VADOC
  - o Replace TAL at Atmore Headquarters and Community Corrections
  - o Select software and hardware vendor
  - o Implement software and hardware
  - o Interface into existing payroll system (or Cardinal Payroll –See Out of Scope)
  - o Interface to HR Database for personnel data
  - o Interface to Data Analytics Tool (BI & Analytics)
  
- Out of Scope
  - o Cardinal Payroll System Interface (this will be part of the Cardinal Payroll Project unless Cardinal Payroll has been implemented prior to implementation of the time, attendance, leave, and scheduling system)
  - o PMIS replacement and processes related to PMIS
  - o HR Database replacement

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** DMV Project 2016: DMV IRP/IFTA/CView Solution

**Agency:** Department of Motor Vehicle (DMV)

**Secretariat:** Transportation

**Investment Status:** Project Initiation Approval

### **Project Description:**

This project acquires an integrated system for the effective delivery of the International Registration Plan (IRP), the International Fuel Tax Agreement (IFTA), and the Commercial Vehicle Information Exchange Window (CVIEW) system.

### **Project Scope:**

The scope of this project includes the acquisition, implementation and subsequent maintenance of a comprehensive Federal Motor Carrier Safety Administration (FMCSA), Commercial Vehicle Information Systems and Networks (CVISN) compliant, Commercial Vehicle Information Exchange Window (CVIEW) system, or CVIEW equivalent, for exchange of data within the state, and connection to Safety and Fitness Electronic Records (SAFER) for exchange of interstate data through snapshots, hereinafter referred to as the CVIEW system.

The system that will allow for the processing of commercial vehicle apportioned registration under the International Registration Plan (IRP), and reporting functionality for motor carriers under the International Fuel Tax Agreement (IFTA), as well as IRP/IFTA related audit functions, hereinafter referred to as the IRP/IFTA system.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** DMV Project 2019: Remittance Processing System (RPS) Re-Platform

**Agency:** Department of Motor Vehicle (DMV)

**Secretariat:** Transportation

**Investment Status:** Project Initiation Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-platform the DMV Remittance Processing System application to a cloud based solution.

### **Project Scope:**

DMV will replace its current RPS system by utilizing the existing OnBase document scanning solution at DMV. The current system is approaching end of life and needs to be replaced. The new system will continue to scan coupons that customers send to DMV via postal mail. Those coupons and checks will be scanned and deposited through this new system just as they are today. DMV will look to improve efficiencies where possible.

This project will require DMV to separately purchase scanning software and scanners via IFB, and will utilize our existing contract with Databank for them to integrate remittance scanning within the existing OnBase document imaging solution at DMV.

Mail is received and opened in the RPS Work Center. The mail is manually sorted by the staff in the RPS Work Center. Work with visible issues to the staff will be sent to the appropriate work center and be processed manually, completely outside the new RPS solution. Following visual inspection, clean work will be run and captured on the scanning device. Host emulation is supported via a VADMV developed web service to check on the status eligibility of the account and take the necessary action from there as defined in further detail below. Image cash letter (ICL) will be supported through this project. Reports will be made available from the system to show rejected items and to assist with balancing and reconciling the deposits.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** DMV Project 2019: Hauling Permit System Replacement

**Agency:** Department of Motor Vehicle (DMV)

**Secretariat:** Transportation

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project will upgrade the existing DMV Hauling Permit system with vendor hosted Cloud solution.

### **Project Scope:**

The Department of Motor Vehicles (DMV) issues hauling permits that authorize oversize and overweight (OS/OW) vehicles to travel on Virginia's highways. The agency issued approximately 93,330 hauling permits in FY2019, up from approximately 88,466 in FY2018. About 25% of permits are self-issued through the Virginia Automated Hauling Permits System (VAHPS), a DMV in-house system that includes a vendor-sourced component, the Automated Routing System (ARS), which relies upon infrastructure data from the Virginia Department of Transportation (VDOT) to safely route OS/OW vehicles. Other hauling permit applications are processed by staff at DMV, with any necessary engineering analysis being performed by VDOT's Structure and Bridge Division.

To address the business problem identified above, DMV will issue an RFP to solicit proposals for a cloud-based, hosted solution to process and issue hauling permits.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Department of Justice (DOJ) Licensing System

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

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Under the terms of the Federal Department of Justice settlement agreement, the Department of Behavioral Health and Developmental Services (DBHDS) must collect and report data relating to compliance with the agreement. DBHDS must purchase or develop a licensing system for the storage, aggregation, and reporting of this data.

### **Project Scope:**

Procure and customize a Licensing Commercial off the Shelf (COTS) product to support newly re engineered Licensing process (required by the Federal Department of Justice (DOJ) settlement aimed at providing consumer services in the least restrictive environment.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EAP Returned Funds (CR 330) VaCMS

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This request addresses the processing of returned funds for Energy Assistance Program (EAP) benefits where a warrant is issued for approved funds and then the EAP recipient or vendor returns the funds as a result of an over payment. VaCMS must be modified to accept the processing of these fund that have been returned as a result of an over payment.

### **Project Scope:**

This request addresses the processing of returned funds for Energy Assistance Program (EAP) benefits where a warrant is issued for approved funds and then the EAP recipient or vendor returns the funds as a result of an over payment. VaCMS must be modified to accept the processing of these fund that have been returned as a result of an overpayment.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Early Intervention Part C Data System (ITOTS)

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

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Purchase a comprehensive early intervention data system to replace the current Infant and Toddler Online Tracking system (ITOTS).

### **Project Scope:**

The new system would:

Combine two applications; Practitioner Certification and ITOTS into one application with greatly increased functionality;

Reduce the many separate and distinct case management systems which are used by local Early Intervention Part C agencies;

Eliminate the need for submission of Fiscal data in Excel spreadsheet by 40 local Early Intervention Part C agencies as DBHDS will be able to access the data; and

A new data system would eliminate the need for local agencies to enter data into their local system and then in the state system.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** eGovernment Self Help Expansion My Virginia TAX

**Agency:** Department of Taxation (TAX)

**Secretariat:** Finance

**Investment Status:** Investment Business Case Approval

### **Project Description:**

My Virginia TAX is the Department's version of "My Account" which will allow taxpayers (individuals and businesses) to access their data/information online with the use of a more robust single sign-on/ authentication portal with security questions to allow for self-service when they forget their password. Today TAX maintains multiple systems with multiple Login entry points. Taxpayers have long complained about not being able to go one place on our website to access our online systems. The My Virginia TAX concept would include an improved version of the functionality we provide today, as well as provide new functionality that is not there today. Taxpayers would be able to electronically file and pay any tax. Taxpayers would be able to access a complete history of their account including past filings, payments made, refunds issued (including Where's My Refund status while pending), correspondence that was sent assessments/bills pending (and paid).

### **Project Scope:**

My Virginia TAX is the Department's version of "My Account" which will allow taxpayers (individuals and businesses) to access their data/information online with the use of a more robust single sign-on/ authentication portal with security questions to allow for self-service when they forget their password.

Today TAX maintains multiple systems with multiple Login entry points. Taxpayers have long complained about not being able to go one place on our website to access our online systems.

The My Virginia TAX concept would include an improved version of the functionality we provide today, as well as provide new functionality that is not there today.

Taxpayers would be able to electronically file and pay any tax.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Electronic Healthcare Records

**Agency:** Department of Corrections (DOC)

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Through the implementation of the VADOC EHR solution, the agency will be able to realize improvements in service delivery, greater accessibility of data and data sharing, improved communications and collaboration across the medical services staff, and greater coordination of care. Currently, offender health records are either kept on paper or in an information system which is not integrated with CORIS. VADOC relies on manual processes and paper forms for the delivery, management, and administration of all offender health services. These manual processes are less effective and efficient than would be the case with an EHR. A successful implementation of the VADOC EHR will institute private industry best practices in our electronic information and data exchange, resulting in greater efficiencies in the administration, services, and processes of the agency. While an EHR implementation at the VADOC is a new endeavor for the agency, it has quickly become a standard in the medical industry.

### **Project Scope:**

Create an Electronic Health Records solution that will interface with VirginiaCORIS (the DOC Offender Management System). The solution will replace the existing paper health record for offenders, and automate the process for health records

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Enterprise Electronic Procurement Solution 2019

**Agency:** Department of General Services (DGS)

**Secretariat:** Administration

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Project will support the implementation resulting from the competitive procurement (RFP) of an Enterprise Electronic Procurement Solution. Improve user experience for the requisitioning process that reinforces purchasing entity policies. Improve catalog marketplace. Increase number of COVA public bodies and their suppliers that use eVA and decrease implementation time. Increase the number of electronic transactions/communication between businesses and the COVA. Implement electronic invoicing from vendors for purchase orders. Improve collaboration and data exchange across public entities. Improve data we make publicly available.

### **Project Scope:**

Improve user experience for the requisitioning process that reinforces purchasing entity policies. Improve catalog marketplace. Increase number of COVA public bodies and their suppliers that use eVA and decrease implementation time. Increase the number of electronic transactions/communication between businesses and the COVA. Implement electronic invoicing from vendors for purchase orders. Improve collaboration and data exchange across public entities. Improve data we make publicly available.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DEQ Aggregate Rehost

**Agency:** Department of Environmental Quality (DEQ)

**Secretariat:** Natural Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host 17 DEQ applications.

### **Project Scope:**

According to Executive Order 19, which requires VITA to adopt a model for evaluating and incorporating cloud services into the commonwealth's information technology (IT) strategy and services, the scope for this project includes re-hosting the applications mentioned in the BRT dependencies as they are cloud ready and just needs to move to a virtual server.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DOA Cardinal Rehost

**Agency:** Department of Accounts (DOA)

**Secretariat:** Finance

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will move the DOA Cardinal application to the cloud.

### **Project Scope:**

The Cardinal Cloud migration project rehosts the Cardinal web, application, and database tiers to Oracle Cloud Infrastructure (OCI) at Oracle's GovCloud data center. Cardinal processing will utilize the Oracle VM and Exadata services. Job scheduling (CTRL-M) and agency interface processing (Move-IT) will remain on-premises. Performing the migration in 2019 provides a window of opportunity that will not impact the Cardinal HCM project schedule. Executing the migration beginning in 2020 or 2021 would delay HCM implementation and pose a grave risk to payroll processing.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DSS Automated Program to Enforce Child Support (APECS)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the DSS Automated Program to Enforce Child Support application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the DSS Automated Program to Enforce Child Support application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DSS Background Investigation System (BIS)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the DSS Background Investigation System (BIS) application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the DSS Background Investigation System (BIS) application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DSS Central Registry System (CRS)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the DSS Central Registry System (CRS) application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the DSS Central Registry System (CRS) application.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DSS Data Warehouse (DW)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the DSS Data Warehouse (DW) application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the DSS Data Warehouse (DW) application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DSS Document Management Imaging System (DMIS)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the DSS Document Management Imaging System (DMIS) application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the DSS Document Management Imaging System (DMIS) application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 DSS Online Automated Services Information System (OASIS)

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the DSS Online Automated Services Information System (OASIS) application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the DSS Online Automated Services Information System (OASIS) application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19\_QFLOW System\_Refactor

**Agency:** Department of Motor Vehicles (DMV)

**Secretariat:** Transportation

**Investment Status:** Project Initiation Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host 19 TAX applications.

### **Project Scope:**

Refactor/ upgrade ACF's QFlow customer management software (queuing) from version 5.0 to 6.1 with Q-App modules to provide like for like functionality and software support for three years with two one year renewals.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 TAX Aggregate ReHost

**Agency:** Department of Taxation (TAX)

**Secretariat:** Finance

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host 19 TAX applications.

### **Project Scope:**

In support of EO19 TAX is seeking approval to procure the resources needed to progress towards the desired goal of cloud readiness for the systems identified in the cloud readiness addendum.

TAX will utilize and procure resources to refactor/re-architect/remediate systems where possible to ensure cloud readiness. In some cases additional analysis and a more complex/costly solution may be required to achieve the goal of cloud readiness, which may affect the existing cost estimate. Additionally, there may be instances after additional analysis, research, development and testing where cloud readiness may not be an option.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 VDH Aggregate ReHost

**Agency:** Department of Health (VDH)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

**Project Description:**

This project is part of Executive Order 19 and will re-host 38 VDH applications.

**Project Scope:**

This project is part of Executive Order 19 and will re-host 38 VDH applications.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19 VDH CHAAMPS ReHost

**Agency:** Department of Health (VDH)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the VDH Child and Adult Application & Meal Payment System (CHAAMPS) application.

### **Project Scope:**

This project is part of Executive Order 19 and will re-host the VDH Child and Adult Application & Meal Payment System (CHAAMPS) application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19\_VDOT\_Geographic Information System Integrator II\_Repurchase

**Agency:** Department of Transportation (VDOT)

**Secretariat:** Transportation

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project is part of Executive Order 19 and will re-host the VDOT SharePoint InsideVDOT to SharePoint online.

### **Project Scope:**

Move to VDOT internal ESRI stack.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** EO19\_VSP Cloud Readiness Assessment 2018 Automated Fingerprint Identification System (AFIS)

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

**Secretariat:** Public Safety & Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Governor Ralph Northam's "Executive Order 19: Cloud Service Utilization and Readiness" requires agencies to take specific actions. The order requires VITA to adopt a model for evaluating and incorporating cloud services into the commonwealth's information technology (IT) strategy and services. VITA has: Started the process of creating a cloud services model. Begun obtaining information about agency systems that can be migrated to a cloud environment.

### **Project Scope:**

The scope of this project is to move the Automated Fingerprint Identification System from locally hosted servers to a SaaS solution.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Firearms VCheck 2.0

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

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project will upgrade the Firearms VCHECK Criminal Background Check System.

### **Project Scope:**

The Virginia State Police Firearms Transaction Center (FTC) certifies that all records of persons denied the purchase of a firearm(s) due to the misdemeanor crime of domestic violence (MCDV) are already submitted to the National Instant Criminal Background Check System (NICS). In 2017, the FTC directly entered 487 domestic violence records in to the NICS Indices, and have entered 180 in 2018. Currently, Virginia maintains 1,356 records in the NICS Indices under the prohibiting category of MCDV. This procurement will upgrade the Firearms VCHECK Criminal Background Check System in the following ways:

- Upgrade information and identification technologies for firearms eligibility determinations.
- Supply accurate and timely information to the Attorney General concerning the identity of persons who have a federally prohibiting mental health adjudication or commitment.
- Create electronic systems that provide accurate and up-to-date information directly related to checks under the NICS, including court disposition and corrections records.
- Supply accurate and timely information to the Attorney General concerning final dispositions of criminal records to databases accessed by NICS.
- Supply accurate and timely court orders and records of misdemeanor crimes of domestic violence for inclusion in federal and state law enforcement databases used to conduct NICS background checks.
- Supply accurate and timely records of federal firearms disqualifications for inclusion in federal and state law enforcement databases used to conduct NICS background checks.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Implement Banner XE Project

**Agency:** Virginia State University (VSU)

**Secretariat:** Education

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project will upgrade the existing Banner ERP system and modules to the latest version. This will allow VSU to continue to run business operations and support services for faculty, staff, and students.

### **Scope:**

The Banner ERP system consists of various functional modules such as General, Student, Human Resources, etc. Most of them can be purchased and implemented separately. A large segment of the Banner customer base is higher education. This project will migrate all current modules from Banner 8 to Banner XE.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Instructional Improvement System Project - 2020

**Agency:** Department of Education (DOE)

**Secretariat:** Education

**Investment Status:** Investment Business Case Approval

### **Project Description:**

DOE plans software development using a vendor on Virginia's state-wide contract. The system will provide the DOE and school divisions with data analytics in the areas of accreditation and early warning system on school and student performance. The software end product will be hosted by VITA Amazon Web Services and will utilize Tableau to display graphical data. Off-the-shelf software is not out available in the marketplace- the VA accreditation system is unique and specific to the state and there wouldn't be a commercial product for it.

### **Project Scope:**

**Who:** School divisions need a better, more comprehensive way to organize and visualize student data in a way to projects a clear picture of projected student success or risk for failure. The system we are designing will help them do that as well as organize and view accreditation data and monitor overall school progress.

**What:** School and student success depends on a more understandable way to predict student and overall school performance early enough to intervene and prevent student failure.

**Where:** This system will be available for all school divisions in future phases. This phase includes only Orange County Public Schools. The system itself will be housed on VITA's AWS, but each division will have access to their own portion of the software. Each division will only have access to their own data.

**When:** DOE is aiming to have full functionality of Orange County's system by June 2021.

**Why:** DOE exists to assist school divisions find more effective and innovative ways to help students succeed. This visualization will greatly add to the ability of school divisions to offer extra attention and support to at risk students who need it early enough to prevent student failure.

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## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Integrated HIV Care and Prevention Data System-ADAP

**Agency:** Department of Health (VDH)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

The purpose of this project is to develop and implement an integrated HIV Care and Prevention Data System to manage all data related to the Ryan White Care Program, including the AIDS Drug Assistance Program (ADAP), HIV Care Services, and the HIV Prevention Program.

### **Project Scope:**

The project scope is the development of a database management system to collect, store, and analyze client-level data for the AIDS Drug Assistance Program (ADAP) and Ryan White programs. The database will allow the Division of Disease Prevention to manage all client-level data related to HIV care, prevention and medication provision to HIV positive and high-risk individuals served by several federally funded programs.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Learning Management System (LMS) Update

**Agency:** Department of Human Resources Management (DHRM)

**Secretariat:** Administration

**Investment Status:** Investment Business Case Approval

### **Project Description:**

DHRM needs to update its current Learning Management System as the current one exceeds useful life, no longer meets enterprise needs nor EO19.

### **Project Scope:**

This project will update and modernize the current outdated LMS system, additionally this project will provide innovative and cost-efficient LMS support to approximately 400,000 users (state and non-state users).

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Local Employee HR Tracking System (LETS) Replacement

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The Local Employee Tracking System (LETS) replacement system will implement a software-as-a-service subscription solution to administer personnel merit and pay practices including: compensation planning, position classification, employee transaction information, and management reporting for 120 local departments of social services (LDSS). The data in LETS is used by Virginia Department of Social Services for a variety of purposes including: monitoring human resource transactions at the local level, classification and compensation studies, recruitment and selection, joint-cost count and random moment sampling.

### **Project Scope:**

The LETS replacement solution will administer personnel merit and pay practices for 120 Local Departments of Social Services (LDSSs). It will enable VDSS divisions to meet their Federal and/or State requirements of completing Random Moment Sampling (RMS), reconciling staffing data in LETS with monthly reimbursement of administrative expenditures, information security access, VDSS information system inventory support, and planning of mandated training.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Medicaid Dental Program

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health and Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Two major drivers have affected the timeline for all RFPs and many contracts at DMAS: 1) the moving of the Medicaid Enterprise System (MES) implementation date from December 1, 2019 until mid-year 2020, and 2) the recently passed high-risk legislation effective July 1, 2019. Both drivers have required DMAS as a whole to re-evaluate release dates and timing for all of the agency's upcoming RFPs, as well as existing contract renewals and modifications. Once an anticipated timeline for the Smiles For Children RFP has been formalized, we will communicate to the vendor community. With the anticipated RFP, the Department is again interested in gathering information on the latest industry best practices, technologies, and resources for Medicaid dental health services and supports. DMAS invites providers, plans, and other entities with experience in Medicaid dental health program benefits administration to present and submit (no more than a 20 page document), including appendices, information and resources which available in the Medicaid dental market.

### **Project Scope:**

Implement Dental processing services provided by the winning vendor. The transaction processing will take place at the vendor, and DMAS will send and receive outputs and inputs.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Medicaid Enterprise System (MES) Program

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health & Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The Department of Medical Assistance Services (DMAS) is replacing its existing Medicaid Management Information System (MMIS) and transforming to a Medicaid Enterprise System (MES).

The MMIS is the mechanized claims processing and information retrieval system which states are required to have by the Centers for Medicare & Medicaid Services (CMS). The contract to operate Virginia's MMIS (VAMMIS) ends June 30, 2018. This represents the end of the fourth and final option year that is expected to be exercised on top of the initial four year contract period, or a total of eight years. Virginia must begin the procurement process to replace VAMMIS and acquire a new system so it can continue to:

- Enroll recipients and providers
- Process claims
- Pay the providers, Managed Care Organizations (MCOs) and Administrative Services
- Organizations (ASOs) that deliver services to members

The CMS requires that the Single State Medicaid agency (DMAS) must operate a federally-certified Medicaid program in order to qualify for federal financial participation. The current VAMMIS system must be replaced to ensure that Virginia will continue to receive the maximum federal funding for its Medicaid program. Virginia received approximately \$4.5 billion in federal funding in State Fiscal Year (SFY) 2015.

### **Project Scope:**

The key objectives identified for the new MES include:

- Continue the development of the Eligibility & Enrollment (E&E) enhancement to address all existing members and to integrate with additional intrastate systems, such as the Commonwealth Authentication System (CAS)
- Develop a data warehouse that improves the breadth and quality of data available and provides the information needed to manage, operate, measure and improve the Medicaid Enterprise
- Transform the traditional Medicaid Management Information System (MMIS) to a modern Medicaid Enterprise System, including:
  - Pursuing a modular approach to specific business needs where cost-effective robust solutions can easily be integrated, possibly in areas such as claims processing, financial management and pharmacy benefits

## Appendix C – 2019 Major IT Project Descriptions

- Identifying ways to further automate and integrate business processes that were not traditionally part of an MMIS but are components of the MES, such as managing member and provider appeals and contractor management
- Creating provider and member portals that support the ‘one stop shop’ objective and improve information access and service for all Medicaid related needs
- Supporting exchanges with federal, State and other entities, including the Health Insurance Exchange (HIX) and Health Information Exchange (HIE)
- Expanding the automation and decision making associated with business processes where feasible and cost-effective
- Establish a technical architecture that supports the CMS and DMAS vision for current and future services and performance, including items such as Service Oriented Architecture (SOA), an enhanced content management system that includes reports produced by our business partners, and supporting a variety of user-friendly methods to access information and services in an environment that is scalable, cost-effective, and easily changed and supports innovation and experimentation
- Enhance provider enrollment and management to address the multiple relationships providers have with DMAS and its business partners, such as managed care organizations (MCOs)
- Collect and integrate all fee-for-service claims in a single repository
- Address encounter processing in a manner that recognizes the variety of managed care models and programs, such as risk-based versus administrative services only (ASO)
- Collect clinical data for fee-for-service claims to better measure health outcomes and populate electronic health records (EHR)
- Adhere to the MITA seven standards and conditions

The program is sponsored by CMS and DMAS’s Agency Director. MES stakeholders include the DMAS Executive Management Team. The goal is to transition to a modern MES with no disruption in service.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Medicaid Enterprise System (MES) Program Data Warehouse

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

This is a component project within the DMAS MES Program. The data warehouse solution will provide the DMAS Agency with the ability to accomplish improved business operations through data integration, creation of data quality standards, data and business process documentation, creation of a repeatable framework, and increased security.

The RFP will present the requirements with the expectation that vendor solutions will integrate existing software components that require little or no development and where the development and implementation of business requirements is primarily configuration and testing. The business requirement is to create a single source of truth for a historical data storage.

### **Project Scope:**

The scope of the Data Warehouse project is to seek professional services support from a vendor to implement an entire data warehouse solution from start to finish, including design, development and integration.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Medicaid Enterprise System (MES) Encounter Processing

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

This is a component project within the DMAS MES Program. The objective is to develop an in-house DMAS solution for processing encounters (an encounter is a unit of service between a beneficiary and a provider) from managed care and administrative services contractors. The system will give DMAS more control over the processing approach and schedule for encounters, and will segregate that processing from the fee-for-service claims system.

The EPS will validate and process encounters. Encounter processing status and results will be captured and made available to submitters and business owners. Encounters will be loaded to the Enterprise Data Warehouse Solution (EDWS) and available for analysis and reporting.

The encounter processing solution will incorporate a Business Rules Engine (IBM Operational Decision Manager (ODM)) to support a configurable approach to defining edits, which will make future changes more efficient (quicker and less expensive). By hosting and maintaining the EPS, DMAS will significantly reduce the cost of operating the EPS in the years to come, as well as avoid the need to reprocur the EPS in the future.

### **Project Scope:**

The encounter processing solution will accept encounters from the EDI translation process (gateway) and validate the records using a configurable business rules engine. Business rules will be definable by managed care program, such as Medallion 3.0, dental, and behavioral health.

The major components of the EPS project are:

- Proof of Concept (POC) of the Business Rules Engine (BRE) and Compliance Tools
- Creating Hardware and Software Environments
- Clarifying and finalizing requirements
- Design, develop and configure, test and implement EPS processing for the following tracks:
  - Managed Long Term Support Services (MLTSS)
  - Consumer Directed (CD) Services
  - Commonwealth Coordinated Care (CCC)
  - Behavioral Health
  - Medallion 3.0
  - Dental
  - Non-emergency transportation

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Medicaid Enterprise System (MES) Program Fee for Service and Core Processing

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

This is a component project within the DMAS MES Program. The MES Fee-for-Service and Core Processing addresses many of the business requirements that will comprise the MES solution, as mandated by CMS through the MITA 3.0 Framework. A RFP is required to replace and transform the system and services provided in the current MMIS contract. The specific requirement is to acquire a solution addresses the needs of several business areas:

- Business Relationship Management
- Care Management
- Eligibility and Enrollment Management
- Financial Management (limited)
- Member Management
- Operations Management
- Performance Management
- Plan Management
- Provider Management

### **Project Scope:**

The scope of this project is to solicit proposals from vendors to provide the MES Fee-for-Service and Core Processing solution, which includes implementing a system and preparing to perform operational processes.

The selected vendor will integrate existing software components that require little or no development so that the development and implementation of business requirements is primarily configuration and testing.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Medicaid Enterprise System (MES) Program Integration

**Agency:** Department of Medical Assistance Services (DMAS)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

This is a component project within the DMAS MES Program. The purpose of the ISS project is to contract with a contractor who will provide a solution that will provision a self-contained, SOA-based communication broker, which provides several functionalities that are listed below, but not limited to:

- Communication Services
- Document Transfer Services
- Document Management Services
- Information Exchange Services
- File Transfer Services
- Data Transfer Services
- Information Viewing Services.

The solution will serve as a hub to integrate various modules that will be implemented under each of the projects listed below. In addition the ISS project will provision a Single Sign On (SSO) and Identity Management solution for the Agency. These modules are:

- Core Services Solution (CSS)
- Enterprise Data Warehouse Solution (EDWS)
- Financial Management Solution (FMS)
- Pharmacy Benefit Management Solution (PBMS).

### **Project Scope:**

The ISS project a self-contained, SOA-based communication broker with the capability to provide all of the required services. A change management process and implementation for the program.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Messaging Services Project

**Agency:** Virginia Information Technologies Agency (VITA)

**Secretariat:** Department of Technology

**Investment Status:** Project Initiation Approval

### **Project Description:**

This project transitions from the legacy messaging and directory services provider(s) to Tempus Nova, the messaging services supplier for email, enterprise collaboration services, and mobile device management for the required Commonwealth 55,000+ users and other public bodies. The project will be complete when VITA has transitioned to the ongoing Operations and Support mode with the winning supplier.

### **Project Scope:**

The high level scope of the project entails the procurement and implementation as part of the IT Sourcing Strategy Program (ITSSP) of mission critical Messaging, Enterprise Collaboration and Mobile Device Management (MDM) Services, transitioning the new services to ongoing operations and maintenance and disentanglement from Northrop Grumman.

VITA awarded the contract for email and related messaging services to Tempus Nova, a Small, Women-owned and Minority-owned (SWaM) certified business, specializing in Google solutions.

Tempus Nova will provide a flexible solution offering a variety of choices for agencies, including options for continued use of existing email software and unlimited storage. The request for proposal (RFP) included email, enterprise collaboration services, directory services and authentication, and mobile device management. No proposals were received for directory services. These services will be addressed in subsequent RFPs.

Tempus Nova recommends a phased approach, which is endorsed by the Google Deployment Team as a best practice and results in a more successful transition to the Google Apps solution. Tempus Nova recommends three phases (e.g., Phase I Core IT; Phase II Early Adopters; Phase IIIa, IIIb, and IIIc Remaining Users) well planned deployment phases, each addressing a specific group of users: Core IT, Early Adopters, and Remaining Users.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Network Infrastructure Upgrade

**Agency:** Virginia State University (VSU)

**Secretariat:** Education

**Investment Status:** Project Initiation Approval

### **Project Description:**

New access switches will be installed in student and faculty buildings. The new access switches will connect to new core via new standard Repeat Cycle Replace switches/patch cable.

In addition to purchasing and installing of the following equipment according to the plan of action and milestones. The project will be completed in 3 Phases

Phase 1: Configure software and Stage Equipment in the Data Center

Phase 2: Configure and Upgrade equipment that will housed within campus dorm building:.

Phase 3: Configure and Upgrade equipment that will housed within campus faculty buildings:

### **Project Scope:**

The VSU Network Refresh project team will implement a network infrastructure that will provide a wider wireless internet access range and more stable and scaleable network environment. The project will consist of replacing non supported and outdated infrastructure equipment in the data center, replacing switches and adding wireless access points in dorm and faculty buildings throughout the VSU campus, which includes faculty and student buildings and outdoor internet access. The project will be completed in a 3 phase approach over three years and will provide our faculty and students with anytime and anyplace secure access to personal files, class files, shared files, instructional and learning materials, and related resources.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** OneMind Cerner millennium Replacement Project

**Agency:** Department of Behavioral Health and Development Services (DBHDS)

**Secretariat:** Health and Human Services

**Investment Status:** Project Initiation Approval

### **Project Description:**

Replacement of the OneMind Cerner Soarian Electronic Health Record (EHR) with the Cerner Millennium EHR using the VITA Statewide contract. Cerner is actively partnering with current Soarian customers to replace Soarian with the Millennium platform, that is hosted by Cerner. OneMind is the DBHDS branded approach to providing EHR functionality to our facilities. Currently, OneMind is fully implemented in three hospitals, while a fourth uses it for pharmacy only. The project will extend the use of OneMind to more hospitals, and convert current hospital users from Soarian to Millennium, all while providing ongoing Tier 2 technical support to all end users; testing and deploying software updates, and any vendor required system updates.

### **Project Scope:**

When DBHDS first installed the OneMind Soarian EHR it was provided by Siemens. Cerner acquired Siemens in 2015 and began migrating customers to the replacement Cerner Millennium product. Replacing Soarian with Millennium will allow DBHDS to keep business critical technology aligned with the state EHR vendor's support and enhancement model. The scope will include replacing the 3 facilities that are live on Soarian with Millennium, and implementing OneMind Millennium EHR at the facilities.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Oracle E-Business AR Modules

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

**Secretariat:** Public Safety & Homeland Security

**Investment Status:** Project Initiation Approval

### **Project Description:**

The eBilling project will implement the Accounts Receivable and iReceivables modules of the Oracle E-Business Suite (OEBS) financial systems. The Oracle Financial solution is already an existing solution at VSP with the OEBS Accounts Payable, General Ledger, Purchase Order and HR modules all in service for an extended period. The Accounts Receivable department at VSP has been overwhelmed with an extensive level of manual processes and workflows causing an over extension of resources, which is placing a significant impact on audit results for far too long. The audit issues are on the border of becoming significant control weaknesses due to the large dependencies on excel workbooks, over 40 separate workflows, with limited number of resources to effectively manage the volume of receivable transactions. Automating the department by implementing the Oracle AR module will allow significant control and industry standardization to be added to the agency.

### **Project Scope:**

The eBilling project, sponsored by the Accounts Receivable department of VSP Property & Finance and approved by the agencies executive leadership, will implement and activate the Oracle Financials Accounts Receivable module, which is already owned and licensed within the agency. Electronic payment processing will be accomplished by implementing the Oracle iReceivables module to handle account holder access and payment processing. The actual payment processing tasks which collects account holder credit card information will be handled through a separate third-party supplier via one of the following methods:

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Pharmaceutical Services

**Agency:** Department of Corrections (DOC)

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

VADOC seeks to implement an online pharmacy ordering system that would interface with the electronic health records (EHR) system.

### **Project Scope:**

This project is estimated at \$46,000,000; Only \$700,000 is estimated for the IT portion of the project. The cost for services will be \$9,000,000 annually; with five (5) year contract \$45,000,000.

VADOC seeks to have the contractor implement an online pharmacy ordering system that would interface with the electronic health records (EHR) system that the DOC is in the process of establishing a contract for and intending to implement at six DOC women's facilities in the very near future. The proposed ordering system also would interface with the Virginia Corrections Information Systems (VirginiaCORIS). VirginiaCORIS is the offender management system (OMS) that the VADOC uses to manage its offender population.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Primary Election System - Project

**Agency:** Department of Elections (ELECT)

**Secretariat:** Administration

**Investment Status:** Investment Business Case Approval

### **Project Description:**

ELECT is seeking a solution to replace its current system known as the Virginia Election and Registration Information System (VERIS). VERIS is antiquated and the technology is soon to reach end-of-life; preference is for a cloud-based solution to enhance efficiencies and availability, in order to meet the critical needs of data security related to Commonwealth elections data. Estimated Project Costs include staffing, SEC525, ECOS, data transition and conversion, organizational change management, project management, RFP estimates.

### **Project Scope:**

The purpose of this project is to generate an Request for Proposal (RFP) to solicit proposals for a competitive procurement, to provide a statewide voter registration and election management solution to the Commonwealth of Virginia Department of Elections (ELECT), as directed by the 2019 House Bill (HB) 1700. Upon selection of a proposal, ELECT will work with the chosen vendor to provide guidance and direction in the analysis and deployment of the new statewide voter registration and election management system.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** RPP - Enterprise Licensing Solution

**Agency:** Department of Social Services (DSS)

**Secretariat:** Health & Human Resources

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The Division of Licensing Programs Help and Information Network(DOLPHIN) is the current application that VDSS Licensing Programs uses to conduct inspections and track licensure case load and stats for Adults, Child Welfare and Children's programs. DOLPHIN is a 17-year old legacy system. The application has two components: Versa Regulations (VR), the database and Versa Mobile (VM), a tool utilized for synchronization to VR.

The Division of Licensing Programs has the opportunity to obtain a new customer-centric application that will fully align with its business and public sector technological modernization needs. The strategic technical plan for the new application is to ensure business requirements, workflow processes, interfaces and conversion of data from the existing application are included. Specifically, the two-way interface with VaCMS designed for Subsidy facilities that are marked as Open or Closed for purposes of receiving federal funding from the Child Care Discretionary Fund is a must. Specific data fields such as the Legal Entity of Record (LEOR) must be integrated in the new application. The new application must interface with the Background Information System (BIS) to generate a Fieldprint code that is provided to new or existing children's facilities that are required to secure Fieldprint fingerprint - related background information for employees and/or volunteers from the third-party vendor FieldPrint. Once a fingerprint scan is done, Fieldprint stores all confidential information in a MyFieldprint website portal designed for BIS staff's use. Staff can view individual, weekly and monthly fingerprint requests and associated details. The new application will utilize the Salesforce - Low Code or No Code Application Platform (LCAP).

### **Project Scope:**

The scope of this project includes establishing a new adult/child care application.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** SMART SCALE - SMART Portal Enhancements Project

**Agency:** Department of Transportation (VDOT)

**Secretariat:** Transportation

**Investment Status:** Project Initiation Approval

### **Project Description:**

The Commonwealth Transportation Board (CTB) has directed VDOT to enhance the existing SmartScale portal. The purpose of the portal is to develop a simple way for eligible entities to request funding using a web-based application process and automate preparation of a data file for further analysis to support project screening, scoring, and selection decisions as part of the SYIP update process. The scope of this project is to deliver new functionality to allow for application re-submission, new applications submission to multiple grant programs, enhancements to the validation/screening/scoring processes and to improve the user interface to update decisions online.

### **Project Scope:**

The scope of this project is to enhance existing functionality and to deliver new functionality to allow for application re-submission of any existing Project created online in the past and not chosen for funding, new application submission to multiple grant programs, enhancements to the validation/screening/scoring processes for all funding programs under the SMART Portal and improve the user interface to update decisions online. The scope includes: Release 5 - 2017 Application Architecture and Intake Preparation - Implementation Date 6/23/2017. Improve Application Data Architecture – Continuing efforts from Release 4 to improve the application architecture, this will enable the faster creation of new applications for additional grant programs, as well as VDOT control over changes to existing applications.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** SOR System Replacement

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

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The current vendor provided Sex Offender Registry core system needs to be upgraded or replaced as it is based on older technology (Oracle Forms and Reports) and does not meet all user requirements. Making changes due to legislation or enhancing the current application is not feasible due to the outdated technology and the eventual loss of vendor support due to its age.

### **Project Scope:**

Replacement of the legacy SOR system with a COTS or in-house developed java based system. This project includes the RFP process, development or customization, installation and deployment of the new software at VSP. Consulting resources could be obtained to supplement VSPs development staff along with the purchase of the necessary hardware and software to host the replacement application at VSP. The scope of the replacement system is limited to the current SOR system functionality.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** STARS Infrastructure and Subscriber Upgrade

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

**Secretariat:** Public and Homeland Security

**Investment Status:** Project Initiation Approval

### **Project Description:**

The Statewide Agencies Radio System (STARS) provides a public safety grade radio and data network for 22 authorized agencies. The STARS Subscriber and Infrastructure Upgrade will be implemented in two phases. Phase 1 will address the infrastructure upgrade and Phase 2, the subscriber equipment upgrade. Phase 1 will upgrade the microwave radio network, a new MPLS network for STARS, use of Time Division Multiple Access (TDMA) technology, and the Radio Authentication feature. Phase 2: Subscriber Upgrade will update Needs Assessments for all agencies, and update Subscriber equipment.

### **Project Scope:**

The STARS Infrastructure and Subscriber Upgrade will be implemented in two phases and will take 4 years to complete. Phase 1 will address the network infrastructure and Phase 2 the subscriber equipment for STARS. The network infrastructure upgrades will include the following:

- Microwave Radio Transport Links – migrate from circuit-switched transport to packet-switched Ethernet transport from the land mobile radio RF sites to the Zone Master sites (97 transmitter sites; 132 links, consisting of 264 radios)
- T-1 to Ethernet Conversion, adding Multiprotocol Label Switching (MPLS) – site router replacement at 97 transmitter sites and others
- Time Division Multiple Access (TDMA) (Project 25 Phase 2) - approximately doubles the use of each radio channel employed as compared to the current Frequency Division Multiple Access (FDMA) technology and is a key factor to better supporting current users, facilitating the additional users, and improved busy-hour performance
- Authentication - a necessary security feature that minimizes the access of unauthorized radios that have been lost, stolen, or cloned

Replace the subscriber equipment for the 22 STARS authorized agencies including mobiles, portables (hand-held), digital vehicular repeaters (DVRs), control stations (mobiles located on a desk), and consolettes (rack mounted mobile radios). The subscriber equipment upgrade will take approximately 3 years to complete and includes the following:

- ~6,000 vehicles with a mobile radio installed will need to be upgraded. ~3,300 of those vehicles have a full Digital Vehicular Repeater System (DVRS) in them (mobile radio, portable radio, digital vehicular repeater, portable charger). Vehicle installations will be performed regionally by the equipment manufacturer and will take 3-4 hours to complete per vehicle. VSP Technicians will perform a quality assurance check after the install is complete. This will be managed by the Logistics Manager contractor.
- ~556 control stations in offices
- ~178 consolettes in dispatch centers
- Over the Air Programming (OTAP) – allows changing the programming in radios using a wireless approach. OTAP facilitates updating a high volume of radios in field within a minimum amount of time. For many types of upgrades, scheduling and touching radios located in over 42,775 square miles will no longer be necessary.
- WiFi Programming – allows changing the personality of a radio without physically connecting to it



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Statewide Traffic Signal System Project

**Agency:** Department of Transportation

**Secretariat:** Transportation

**Investment Status:** Project Initiation Approval

### **Project Description:**

VDOT operates 3,000+ signals and localities operate 4,300+ signals on the arterial roadway network. This project will deliver a modernized statewide signal system to be used across VDOT and optionally by localities through a cooperative procurement managed by VITA.

### **Project Scope:**

The project scope is to establish systems engineering standards and develop a formal operational framework for design, construction and operations of future traffic signal systems within the state, as well as prepare guidance for transitioning from existing conditions to the developed "future operational framework".

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Traffic, Traveler and Road Information (TTRIP) Services Project

**Agency:** Department of Transportation

**Secretariat:** Transportation

**Investment Status:** Investment Business Case Approval

### **Project Description:**

VDOT desires a comprehensive, cost-effective or cost-neutral solution for sharing video and data that can adapt to rapidly changing technologies and evolving methods of information dissemination. In addition, VDOT desires innovative methods of archiving data, evaluating data quality in real-time and providing system/roadway network performance metrics based upon existing data feeds. Finally, VDOT desires an innovative partner that will promote safety, mobility and economic growth within the Commonwealth of Virginia by providing actionable information to the traveling public.

### **Project Scope:**

VDOT is seeking a vendor to sign an 8 year service contract to build, deploy, provide 24/7 operation and maintenance within the set budget of \$24 million.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Transition UI Claims Intake Project

**Agency:** Virginia Employment Commission (VEC)

**Secretariat:** Commerce and Trade

**Investment Status:** Investment Business Case Approval

### **Project Description:**

VEC will transition online claims intake from one vendor to another providing a more consistent customer experience for our Unemployment Insurance customers and a unified logon process.

### **Project Scope:**

Transition online claims intake from one vendor to another and send claims data to VEC's backend.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** TRS New Unclaimed Property SaaS Solution Project

**Agency:** Department of the Treasury (TD)

**Secretariat:** Finance

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This Project (RFP) is to replace the current Treasury Unclaimed Property system (TUPS) with a commercial off the shelf (COTS) abandoned property system or provide funding to make needed enhancements to the current system. Treasury's Division of Unclaimed Property (UCP) is responsible for the administration of the Unclaimed Property Act, a consumer protection law that protects the property rights of absentee owners. The Division received more than 11,000 holder reports and added more than 1.3 million new owners to the owner database in FY2019.

### **Project Scope:**

This Project (RFP) is to replace the current Treasury Unclaimed Property system (TUPS) with a commercial off the shelf (COTS) abandoned property system. Treasury's Division of Unclaimed Property (UCP) is responsible for the administration of the Unclaimed Property Act, a consumer protection law that protects the property rights of absentee owners. The Division received more than 11,000 holder reports and added more than 1.3 million new owners to the owner database in FY2019. The Division received more than \$254 million and 10.4 million security shares as unclaimed property remittances. It is the Division's primary mission to reunite property reported by holders after a period of inactivity with its rightful owner. The total dollar value of claims paid to owners in FY19 was \$87.1 million for 28,000 claims covering more than 130,000 asset accounts. The Division also accounts for a securities portfolio of stocks, bonds, and mutual funds of \$320 million. Currently, UCP uses TUPS as its unclaimed property database solution along with integrated document management software called PaperVision and its Workflow solution. There are several updates needed for the TUPS system to provide necessary business functionality. In addition, the Click and Claim searchable database needs a significant rewrite. These updates have not been completed because of the lack of manpower. Treasury is pursuing a next generation unclaimed property management cloud-based third party solution that is in use by other states unclaimed property business areas. The proposed supplier will need to be a leader in the industry providing Unclaimed Property resources, technologies and best practices to states.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** VADOC VCE ERP/MRP System Project

**Agency:** Department of Corrections (DOC)

**Secretariat:** Public Safety & Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

Virginia Correctional Enterprises is seeking to procure a manufacturing and services Enterprise Resource Planning/Material Requirements Planning and Scheduling software suite that provides an end to end solution that helps manage manufacturing processes, whether made to order (MTO) or made to stock (MTS). This will also enhance the Transportation/Delivery capabilities, add features to provide better Distribution/Inventory control and customer service.

### **Project Scope:**

Virginia Correctional Enterprises is seeking to procure a manufacturing and services Enterprise Resource Planning/Material Requirements Planning and Scheduling software suite that provides an in to end solution that helps manage manufacturing processes, whether made to order (MTO) or made to stock (MTS). The solution will also manage business processes, customer relationship management, quality control, procurement options, accounting/invoicing, receivables, sales, inventory control, design, product development, service operations and warehousing/delivery options so VCE can be more responsive to internal and external customers' needs, deliver greater quality and value, build loyalty and operate more efficiently. Virginia Correctional Enterprises utilizes INFOR's Syteline ver. 8.01 as its Enterprise Resource Planning/Material Requirements Planning and Scheduling software. This software has reached its End-of-Life (EOL). Maintenance and support for the software is no longer available and the software is unstable and downtime is increasing. The software is critical to maintaining all business and manufacturing operations for VCE. Currently we are experiencing an increase in the frequency and severity of issues related to the proper functioning of the software and our Information Technology Unit believes it may become inoperable without notice. Virginia Correctional Enterprises intends to issue a Request for Proposal (RFP) for the ERP/MRP system software to replace the existing Syteline software. VCE believes this will be the most effective and efficient means to obtain the necessary Enterprise Resource Planning/Materials Requirements Planning and Scheduling software suite to meet its current and future needs.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** VEC Computer Room Move

**Agency:** Virginia Employment Commission (VEC)

**Secretariat:** Commerce and Trade

**Investment Status:** Project Initiation Approval

### **Project Description:**

Move the existing Agency data center by procuring replacement hardware, installing new hardware at VEC headquarters, moving newly procured hardware to CESC and Manassas data centers. Establish replacement circuits and connectivity at the new locations.

### **Project Scope:**

Move the existing Agency data center by procuring replacement hardware, installing new hardware at VEC headquarters, moving newly procured hardware to CESC and Manassas data centers. Establish replacement circuits and connectivity at the new locations.

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Victims Services Technology Project (formerly Programs & Services Project)

**Agency:** Department of Criminal Justice Services (DCJS)

**Secretariat:** Public Safety & Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

This project will improve the DCJS Victims Services Grant Programs administration by implementing a technology solution that automates the Victims Services Grant Program administration while ensuring data integrity, accessibility, compliance, security and continuous operation. The preferred solution is a single off-the-shelf system that meets the requirement for all Victims Services Grant Programs. Any selected vendor supplied COTS solution will be hosted on virtual servers at CESC.

### **Project Scope:**

Automate the Victims Services Grant Program administration while ensuring data integrity, accessibility, compliance, security and continuous operation and includes Victim/Witness Grant Program (VOCA), Violence Against Women (V-STOP), Sexual Assault and Domestic Violence Grant Program (SADV), Virginia Sexual & Domestic Violence Victim Fund (VSDVVF), Sexual Assault Services Program (SASP), Court Appointed Special Advocate (CASA).

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** Virginia Immunization Information System

**Agency:** Department of Health (VDH)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

Virginia Department of Health requires custom enhancements and maintenance agreements to support and sustain the Virginia Immunization Information System (VIIS). Additionally, to comply with § 2.2-2006 of the Code of Virginia, Executive Order 19, VIIS must incorporate the use of cloud technologies to be compliant.

### **Project Scope:**

Virginia Department of Health requires custom enhancements and maintenance agreements to support and sustain the Virginia Immunization Information System (VIIS). Additionally, to comply with § 2.2-2006 of the Code of Virginia, Executive Order 19, VIIS must incorporate the use of cloud technologies to be compliant.



## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** VSP Transformation Project

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

**Secretariat:** Public Safety and Homeland Security

**Investment Status:** Investment Business Case Approval

### **Project Description:**

The VSP Transition Project will bring VSP into the standard IT infrastructure support model, which includes everything except the out of scope STARS network

### **Project Scope:**

Information Technologies Agency (VITA) including Network Infrastructure, Active Directory, and End User Devices and Operating System (OS) images.

Services provided to each user and each location as determined appropriate by the agency. Standard IT infrastructure services including:

- A. Network Services
- B. Security Services
- C. Active Directory
- D. Personal Computing
- E. Fusion Center email solution

Phase 2 Scope: will be focused on migration of remaining VSP environment into infrastructure established in Phase 1, including the VSP Data Center and Disaster Recovery (DR) site.

The following components are in-scope:

- Virginia State Police Information Technology Infrastructure including VSP HQ, District and Area offices, and Disaster Recovery sites.
- Software updates of Mobile Terminal Devices (MDT).

End-user managed services (software distribution, endpoint protection, patching and updating) be extensible to non-domain joined STARS assets.

- A. Server and Storage
- B. Voice and video services
- C. Disaster Recovery Services
- D. Workplace Collaboration Services
- E. Cloud Services
- F. Print Services

## Appendix C – 2019 Major IT Project Descriptions

**Project Formal Title:** WIC EBT Project

**Agency:** Department of Health (VDH)

**Secretariat:** Health & Human Resources

**Investment Status:** Project Initiation Approval

### **Project Description:**

This project will procure a new WIC EBT service contract to provide on-going eWIC processing services for the Virginia WIC Program. A selected WIC EBT vendor will provide WIC EBT payment services to approximately 110,000 WIC participants for the purchase of WIC eligible foods/formula at 850+ authorized WIC retailers in Virginia using electronic benefit transfer cards.

### **Project Scope:**

The scope of the project is to procure a new WIC EBT service contract to provide on-going eWIC processing services for the Virginia WIC Program. A selected WIC EBT vendor will provide WIC EBT payment services to approximately 110,000 WIC participants for the purchase of WIC eligible foods/formula at 850+ authorized WIC retailers in Virginia using electronic benefit transfer cards.