Oracle RAC – Oracle RAC is a database cluster. A cluster is a group of independent servers that cooperate as a single system. Clusters provide improved fault resilience and modular incremental system growth over a single symmetric multi-processor (SMP) system. In the event of a server failure, clustering ensures the highest availability to users while access to the critical data is not lost.

BizTalk – Microsoft BizTalk Enterprise Service Bus (ESB) includes a variety of adaptors for communication protocols, so industry-standard communication methods such as HTTP, SFTP, and SOAP can be used to securely interface with other systems to exchange data. Through our Microsoft BizTalk ESB, we will share the data within the Provider Data Store with the other authorized Virginia MES vendors efficiently, securely and accurately. Enterprise Service Bus (ESB) Foundation. Publishes all Provider Enrollment data needed for interfaces, the EDWS, and other systems.

Control-M by BMC simplifies management and monitoring of batch processes, integrating all aspects into a single viewpoint, providing an increased span of control, improving productivity, and reducing errors and delays.

DMIS License – VaCMS Management and Imaging System (DMIS). The DCSE DMIS project is a deliverable that requires DSS to develop a single "merged" document management solution which can only be completed when VaCMS's "version" is upgraded and then work will be completed to actually merge the two independent solutions into one true enterprise solution for the agency. Implementation of a DMIS will improve information worker efficiency, and effectiveness. The system will implement electronic imaging and storage of all case related documentation, including application and all supporting documentation and narratives. The imaging system will enable user accessibility from the CH and VaCMS.

ExStream Correspondence – OpenText Exstream Customer communications management (CCM) software. Promotes engagement by providing ability to create ultra-personalized content tailored for various customer communication channels & devices.

Load Balancer – A load balancer is a device that acts as a reverse proxy and distributes network or application traffic across a number of servers. Load balancers are used to increase capacity (concurrent users) and reliability of applications. They improve the overall performance of applications by decreasing the burden on servers associated with managing and maintaining application and network sessions, as well as by performing application-specific tasks.

Federal Data Services Hub (Fed Hub; Data Hub; Federal Hub, et al.) – The data hub is a CMS system that acts as a single portal for exchanging information between the FFM and CMS's external partners, including other federal agencies, state-based marketplaces, other state agencies, other CMS systems, and issuers of qualified health plans.

GoEverywhere MFT – Go Anywhere Managed File Transfer (MFT) solution. Encrypted PHI data at rest and in transit. Enterprise-level solution which can secure, automate and manage all file transfers need through a single interface. With security controls and detailed audit trails, it helps to comply with data privacy regulations & PCI DSS. Automates Server-to-Server file transfers and simplifies Person-to-Person file sharing & collaboration.

Application Benefit Delivery Automation Project (ADAPT)

ImageNow (INow) – Content management SW system that adapts to your business processes. Uploads, organizes, & stores documents & content. Ensures all documents are secure, quickly retrievable, & tied to the files & apps you want, with comments & annotations as needed. Can capture the data management from emails, reports, & non-image file formats such as ASCII & TXT. Can assign tasks to users, move documents to users through a workflow, & more.

ImageNow – Thin-client product that runs on a web application server. It’s a browser-based solution for use with ImageNow enterprise content management. Works with ImageNow to deliver to your provider secure, digital versions of paper or other electronic documents associated with your workflow activities or app SW transactions. Think of it as an alternative to ImageNow when one is accessing the capabilities from off campus agency or outside internal networks.

MQ – WebSphere MQ, which is often referred to as "MQ", is IBM's Messaging solution for Enterprise and IBM's Message Oriented Middleware offering. Allows independent systems to communicate using messages on a distributed system. MQ supports rich message-oriented functions, such as additional nodes, interconnects, and disks, allowing the cluster to provide high availability. Such redundant hardware architectures avoid single points-of-failure and provide exceptional fault resilience.

OUD – Oracle Unified Directory (OUD) Authentication and Authorization serves as the authentication DB record for all users, including state/local employees, contractors, volunteers, & extranet partners. OUD database services data for the Employee Directory and authentication to sensitive VODS applications. For Permanas Payables (payables available online via https://va.cms/dss/ADAPT): We have three OUD servers in a cluster in production with a load balancer in the front. There are two applications (SACS and Securerec). OUD and one batch program that write to OUD. Those three access one of the OUD servers directly to write. The data is replicated to the other two OUD systems as a failover of one of the OUD's failures. We use Oracle Universal Directory (OUD) in one batch program on five WebSphere application servers. Those five app servers connect to OUD for user authentication. VaCMS – Virginia Case Management System (VaCMS) is the eligibility and case management solution for SNAP/SNAPET, TANF/VIEW (Virginia Initiative for Employment not Welfare), Child Care, Medicaid, Energy Assistance (EAP/1LHealth), vendor, and financial management. Solution includes an enterprise framework for document management and imaging; includes cross-program information flow with Federal Hub Services, including an asset verification service. Info = prpm; pspsder; pcvacs; https://vacms.dss.virginia.gov

VOAS – Virginia Quality Assurance Screening (VOAS) is administered by the Virginia Department for the Deaf and Hard of Hearing (VDDHH) in accordance with "Regulations Governing Interpreter Services for the Deaf and Hard of Hearing". It was designed to assist the developing professional to identify their strengths and weaknesses in knowledge and skills of interpreting in order to assist increasing interpretive competency.

Was – WebSphere Application Servers (Was). WebSphere Application Server (Was) is a software product that performs the role of a web application server. More specifically, it is a software framework and middleware that hosts Java-based web applications. It is the flagship product within IBM’s WebSphere software suite. It was initially created by Donald F. Ferguson, who later became CTO of Software for Dell. The first version was launched in 1998.

WESB – IBM WebSphere Enterprise Service Bus (WESB) is a flexible connectivity infrastructure for integrating applications as services, which reduces the number, size, and complexity of interfaces. An ESB: 1) CONVERTS between different transport protocols used by the participants; 2) VIRTUALIZES the location and identity of Participants; 3) TRANSFORMS messages between protocols; 4) APPLIES appropriate qualities of service for the given interaction, and 5) DISTRIBUTES business event info to/from disparate sources. Enterprise Service Bus (ESB) is the pipe that: A) connects legacy applications to newly developed applications and services; B) Manages data exchange between agencies and to/from external orgs. EWSB is a flexible, dynamic, and extensible middleware service that enables agencies to simplify, expedite, and streamline their application integration and data exchanges. Agencies with specific data transformation needs can choose to add an ESB component for Transformation Extender (ESB-TX) to process standard data elements into new formats and data combinations, and ESB Extender Component (ESB-EX) to leverage IBM Product for Healthcare (ESB-TX-HC) to manage healthcare related requirements dealing with HIPPA, HL7 or Pharrm-related data.

WODM Rules Engine – WebSphere Operational Decision Management (WODM) consists of three components: 1) Rule Designer, 2) Decision Center and 3) Decision Server, which form the platform for managing and executing business rules and business events. Rule Designer and Decision Center provide the flexibility for functional and technical users to collaborate on authoring, editing, debugging, and testing rules either through a developer IDE or through a web application interface. Decision Server, the runtime component of WODM, is a rules execution engine that executes multiple rule sets on the requests of multiple clients, which provides various execution components for developers to integrate rule execution into enterprise applications.

WSSR – IBM Web Service Registry and Repository (WSRR). Central Service Catalog that informs ISS modules how / where they can find their target web service destination – like a GPS on the SOA highway. New web services can be added for possible use by others. This is the system of record for all SOA assets. WSSR provides a UDDI v3 compliant catalog for publishing, describing, discovering, and categorizing Web services across enterprises.