

Introduction:

Architecture and Engineering Service (AES) supports the Health Services Portfolio (HSP) by providing architecture and technical expertise used to describe the current state, target state, and transition plans by Product Line. HSP includes the following nine Product Lines: Clinical Services, Community Care, Telehealth and Scheduling, Discovery, Education, and Affiliate Networks (DEAN), Healthcare Environment and Logistics Management, Health Informatics, Patient Care Services, VHA Front Office, and VHA Finance. Major initiatives and efforts within the portfolio include implementation of the Cerner Millennium EHR System, Mission Act, VistA modernization, and the VA Logistics Redesign (VALOR), which are designed to provide Veterans with better care, easier access, and greater choice.

The focus of each PL within the HSP Portfolio is provided below:

- **Clinical Services:** Clinical Services (CS) focuses on improving Veteran healthcare while addressing the effectiveness and quality of care. Clinical Services aims to improve the Veteran experience by delivering technology that focus on diagnosis, treatment, and ongoing care. This includes IT support to the VHA offices of dentistry, diagnostics, homelessness, mental health, suicide prevention, primary care, specialty care and surgery.
- **Clinical Imaging:** Clinical Imaging will support all products supporting medical imaging capabilities.
- **Community Care:** The Office of Information Technology Community Care Product Line (CC PL) works in collaboration with Veteran's Health Administration (VHA) and the Office of Community Care (OCC) identifying operational efficiencies and innovative scalable

technology solutions. The five sub-product lines falling under the CC PL are: Clinical Integration, Network Management, Delivery Operations, OCC Health Informatics and CC EDI. Collectively, these Sub-Product Lines and their respective Products ensure the CC PL delivers world class customer service for America's Veterans and their families by arranging quality care in the community, coordinating benefits for family members, building high performing networks, paying timely, and delivering world class customer service.

- **Discovery, Education, and Affiliate Networks (DEAN):** The Discovery, Education, and Affiliate Networks (DEAN) aims to drive ongoing improvement and innovation in education, training, and advancements in scientific research. DEAN supports IT systems that assist in educating current and future Health Care Professionals for VA and the Nation; Improve Veterans' lives with investigative medical research and evidence-based discovery; and connecting to a community of industry experts that provide innovative solutions to systematic issues related to Veteran's healthcare services. DEAN provides IT support to the offices of Academic Affiliations, Human Capital Management, Research and Development and SimLearn.
- **Electronic Health Record Modernization (EHRM):** EHRM provides oversight of the preparation, deployment and implementation of VA's new EHR system to support

delivery of quality care for Veterans and interoperability objectives between VA and DOD.

- **Healthcare Environment and Logistics Management:** Healthcare Environment and Logistics Management provides direct operational support to VHA's administrations and staff offices. Support Services strives to improve the environment hosting our distinguished Veterans and ensuring a safe and healthy environment is provided for VA staff. While also working to ensure the delivery of an integrated supply chain solution to improve Veterans' health and well-being. Support Services include IT support to the VHA offices of Healthcare Environment and Facilities Program, Healthcare Technology Management, Procurement and Logistics, and VA Logistics Redesign (VALOR).
- **Health Informatics:** HEALTH INFORMATICS (HI) Product Line provides IT acquisition, development, modernization, enhancement, integration, security, sustainment, and operations support for the suite of products owned by VHA's Office of Health Information (OHI) Program Office. This includes IT products owned by VHA's Clinical Informatics and Data Management Office such as tools for sharing veterans' health data between VA and DoD, as well as terminology services. Product Line scope also includes IT products such as VistA Patient Care Encounter, VistA Admissions Discharge transfer, and other products or VistA components owned by VHA's Health Information Governance Office. HI covers IT products that are VistA components for shared services or security

such as Kernel, Fileman, Mailman, RPC Broker, or similar. Product line scope also includes health registry products used for capturing observational study information or similar information to evaluate population outcomes based on disease condition, exposure, or similar factors. OIT HI enterprise products include health data exchanges, messaging, and data quality with internal and external consumers. HI also includes modernizing access, integration, federation, and deduplication of longitudinal data from multiple internal or external sources and transforming messaging types.

- **Patient Care Services:** Patient Care Services (PCS) Product Line provides IT acquisition, development, sustainment, security, and operations support for the suite of products in use by VHA's own PCS Program Office. This includes products which provide diagnostic, therapeutic, and rehabilitative care, recovery, and palliative care.
- **VHA Front Office (VFO):** The VHA Front Office (VFO) provides IT support which ensures VHA continues to be the benchmark for health care excellence and value through the clinical and administrative services we provide to care for Veterans and their families. The VHA Front Office aims to integrate health care systems through continuous improvement, measurement, and transparency. The VHA Front Office ensures advancement in the VHA Healthcare systems by integrating oversight, compliance,

quality, and patient safety across the organization. VHA Front Office provides IT support to the VHA offices of the Chief of Staff, Operations, Oversight, Risk and Ethics, Quality and Patient Safety.

- **VHA Finance (VF):** The VHA Finance Product Line is the central point for IT operations and services directly supporting the mission of the VHA Office of Finance. This includes establishing, implementing, and maintaining IT systems and software products for financial management and accounting, internal controls management, collections and revenue, financial analyses, and reporting in support of VA mission.