



Client Success

OI: Software Engineering and Integration

Past performance is the true predictor of success. We provide our customers with the highest level of service on time and within budget, every time.

AGENCY FOR WHOM WORK WAS PERFORMED: Veterans Health Administration OI Service Center (CBA-A)

KEY BENEFITS PROVIDED:

- ✓ Guide the development and deployment of the VHA's One-VA Enterprise Architecture
- ✓ Transitioning VA from the VHA IT Architecture Framework to FEAF-II under Vista 2.0
- ✓ Increase HL7 standardization throughout VHA

Project Synopsis:

VA's Enterprise Architecture is the blueprint for systematically and completely defining and documenting the organization's current (baseline as-is) and desired (target to-be) environment. VA's Enterprise Architecture (EA) strategy is essential for evolving its information systems and developing new systems with optimized mission value.

Patriot provides services that contribute to the planning, methodologies, and overall guidance associated with the development and deployment of the Veterans Health Affairs One-VA EA. Patriot supports the VHA Office of Information Software Engineering and Integration (SE&I) by managing the production of the VHA Health Information Model (VHIM) as well as the VHA Dynamic Integration Model (VDIM) and coordinate participation in the production of Health Data Repository (HDR) models guiding physical repository structure. Our services include architecture modeling/development, application services, data warehouse design, standards development and applied architecture. Our enterprise architects and standards experts have provided guidance towards the adoption of the Rational Unified Modeling Language, and Business Process Modeling Notation within VHA, as well as, provide information architectural engineering for the formation of version 1.0 of the blueprint for Health_eVet.

Under the direction of the SE&I office, the team also identifies appropriate architectural requirements pertaining to service-oriented architecture (SOA).

Provided Services Include:

Program Management

Architecture Modeling

- Model generation
- System role definitions
- Modeling tool configuration, administration and support

Application Service

- Architectural guidance and oversight
- Standardization of common healthcare services and processes
- Development standard HL7 segments

Data Warehouse Development

- White paper support
- Strategic and tactical briefings

Applied Architecture

- Support HIA knowledge transfer
- Provide HIA guidance for projects
- Capital Investment proposal review
- Support artifact sharing and communications
- Applied Architecture research
- White paper support

Management of compliance framework

OMB 300 submission support

Knowledge capture and transfer