

Interactive Health Records: MyHealtheVet (EA-42)

Authoritative Source

- HealtheVet-VistA Concept Paper, VHA, March 9, 2004
- VHA Exec Decision Memo on HealtheVet-VistA Project, March 9, 2004
- VA News Release “VA Improves My HealtheVet Web Site”, Nov 19, ‘04
- HealtheVet web site, “My HealtheVet Pilot,” revised October 10, 2003

Stakeholder

- VA, VHA
- DoD
- HHS/HIS

Related Segment Architectures

- “Proposed” Health Business Segment

Requirement Description

My HealtheVet is a multi-phased effort to do two major leaps forward for veterans:

- Update the VistA health record from its 20+ year old architecture, enabling thin client capture and other significant upgrades.
- Allow on-line interface where veterans can be directly connected to their medical care and wellness regimen.

The Business architecture of My HealtheVet brings five critical areas together, most of which are of immediate and visible benefit to the veteran:

- Patient self-care such as self-entry, trending, and tele-health.
- Patient education such as wellness and health information.
- Patient communication such as benefits requests or health record access.
- Provider communication such as reminders, questions, appointments.
- Provider consolidation where VA, DoD, or third-party providers can have visibility when necessary and as required.

There are certainly many web sites where anyone can find health information. What is unique about My HealtheVet is that it allows the veteran to contribute directly to monitoring his care via tracking his personal health metrics and to add that to his health record. Additionally, it allows him to retrieve certain parts of his record, a capability that will be expanded over time. Security has been heavily tested and is encrypted in a repository called an eVault, maximizing requirements. Of course, the veteran does have to take the initiative to open his own on-line account. However, once that simple process is done, a number of capabilities are available to the veteran, which will only expand over time. Additionally, by the veteran adding in his own monitoring, his providers can assess their patient’s progress on line without requiring additional personal or material resources.

Solution Description

The My HealtheVet project continues to move forward, further enabling more transportable and patient-centric electronic medical records. This project directly supports the strongly endorsed philosophy that the more involved the patient is in his care, the more likely that patient will take care of himself, maximizing his state of wellness. VistA does have to move forward from its MUMPS platform to enable ever-greater capabilities. But with the planned improvements, My HealtheVet will continue to set the pace for patient centric systems.

EA Investment Scoring

The following table provides the EA evaluation score for BY-2008 (this is the project's most recent Exhibit-300 budget request). Scores are provided for business, data and implementation issues and for an overall project average. The Exhibit-300 EA evaluation procedure is defined within the Enterprise Architecture Portal "Procedures Tab"; all scoring is based on a scale from 0 through 5.

VA EA Evaluation			
Business	Data	Implementation	Average
5.00	3.00	5.00	4.33

Project Value Proposition, Performance Measures and Measured Results

The following table identifies the VA and PMA business objectives that this project will satisfy, along with the performance metrics with which project success will be evaluated. For projects that are mature enough to have produced measured results, those results are also provided.

Project Value Proposition			
Support for PMA Initiatives	Support for VA Strategic Goals	Project Metrics	Project Results/Outcomes
1.A.13.a & 1.A.13.b	1.A.29	1.D.1	1.D.1
<p>Expanded E-Government</p> <p>-----MHV provides the Veteran and their delegate(s) the ability to collect and share online personal health information - an expanded use of e-Government</p> <p>Coordination of VA & DoD Programs and Systems</p> <p>-----. MHV has an express mission to positively impact a seamless transition from active duty to Veteran status through improvement of health information sharing, access to electronic health record, online prescription refill capability, and facilitate secure communication between patient and provider.</p>	<p>Quality of Life</p> <p>Veteran access to personal health record supports accumulative medical data and relieves the veteran patient of requirements to produce historical medical data.</p> <p>Ensure Smooth Transition</p> <p>MHV provides access to related online resources (DoD to VA), and grants visibility into personal health information by VA clinicians. It increases awareness of, access to, and use of VA benefits and services during transition</p> <p>Honor & Memorialize</p> <p>MHV improves the overall health of enrolled veterans through the exchange of health information.</p> <p>Public Health & Socioeconomic Wellbeing</p> <p>MHV aids the advance of VA medical research and development programs to better address the needs</p>	<p>Measurement-1 Indicator</p> <p>Satisfaction/Usability: Results of regular usability studies will be scored for core features.</p> <p>Measurement-2 Indicator</p> <p>Availability: increase in uptime availability as MHV is implemented and new functionalities are added.</p> <p>Measurement-3 Indicator</p> <p>Public Health Monitoring: Provide clinicians and veterans with increased online access to VA Personal</p>	<p>Measurement-1 Results</p> <p>2007 Target of 80% of core functionality available - will be measured at the end of 2007.</p> <p>Measurement-2 Results</p> <p>In 2007, improve upon a 95% Availability baseline established in 2006</p> <p>Measurement-3 Results</p> <p>In 2007, project a 50% increase in registrants - which will be tabulated at the end of 2007 (2006 experienced a 100% increase in registrants).</p>

	<p>of the veteran population and to contribute to the nation's knowledge of disease and disability.</p> <p>One VA</p> <p>MHV currently enables all Veterans to control appropriate online access to protected health information at their discretion, in keeping with applicable privacy laws</p>		
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Enterprise Impact

MyHealthVet will implement a portion of the Web-based, veteran self-service functionality which is envisioned by the Target Architecture End-state.

Project Status

Funded from BY-2005 through BY-2007

Project currently at Milestone-2