



VA-DoD Interoperability



RADM Gregory Timberlake
Director
DoD/VA Interagency Program Office

The Power of VA-DoD Sharing Conference

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Topics



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Interagency Program Office (IPO)



History

- Establishment of the IPO mandated by NDAA 2008, Section 1635. IPO was created in April 2008
- Congressional Requirements
 - Establishment of the DoD/VA Interagency Program Office with a DoD Director and VA Deputy Director
 - Annual Report to Congress beginning January 1, 2009 through 2014
 - Government Accountability Audit every 6 months
 - Electronic health records interoperability by September 2009 as defined by the Interagency Clinical Informatics Board (ICIB)

Governance

- Direction from the Secretaries and the VA/DoD Joint Executive Council (JEC)
- Director reporting to the VA/DoD JEC Co-chairs



Interagency Program Office (IPO), cont'd



Scope and Responsibilities

- Oversight and management of electronic health records interoperability
 - Ensure compliance with jointly coordinated, prioritized and approved DoD/VA requirements
 - Monitor execution of funds
 - Ensure compliance with interoperable standards and architectures
 - Maintain master integrated schedule of major milestones
 - Measure and report progress to key stakeholders (e.g., Congress, GAO, OMB)



Interagency Program Office (IPO), cont'd



Scope and Responsibilities

- Requirements development and information technology execution will stay within the existing DoD and VA organizations
- Catalyst to leverage existing DoD and VA requirements development and information technology execution organizations on DoD/VA sharing initiatives
- Senior Oversight Committee expanded scope to include monitoring personnel and benefits data sharing



Role of the ICIB

- The Interagency Clinical Informatics Board (ICIB) was established to help identify and set priorities on the types of medical information that needs to be exchanged between the DoD and VA.
- The ICIB ensures that clinicians lead the prioritization of recommendations for electronic health data sharing. Some of their key activities are to:
 - Serve as the key “clinical stakeholder’ group responsible for evaluating all clinical information sharing requirements
 - Define and prioritize information sharing requirements to support clinical needs for all common beneficiaries
 - Evaluate, validate, and prioritize system change requests for applications developed to facilitate clinical information sharing



DoD/VA Electronic Health Information Sharing



Point of Separation

The Federal Health Information Exchange (FHIE) supports the monthly, one-time transfer of historical electronic health information from DoD to VA at the point of a Service member's separation



*One-way,
Enterprise exchange,
Text data*



DoD/VA Electronic Health Information Sharing



FHIE has enabled sharing of the following information

- Lab results
- Radiology reports
- Outpatient Rx data
- Allergy information
- Discharge summaries
- Consult reports
- Demographic data
- Admission/Discharge/ Transfer information
- Standard Ambulatory Data Record elements
- Pre-/Post-Deployment Health Assessments
- Post-Deployment Health Reassessments*

247 million messages for 4.7 million retired or discharged Service members have been shared

**Transmitted weekly for individuals referred to VA for care or evaluation*



DoD/VA Electronic Health Information Sharing



Shared Patients

The Bidirectional Health Information Exchange (BHIE) enables real-time sharing of readable electronic health information between DoD and VA for shared patients



*Two-way,
All DoD and VA sites,
Text data*



DoD/VA Electronic Health Information Sharing



Shared Data – Current

- Allergies
- Outpatient pharmacy
- Demographics
- Inpatient and outpatient lab results
- Radiology reports
- Ambulatory encounter notes
- Procedures
- Problem lists
- Inpatient notes (from additional DoD Inpatient sites)
- Theater clinical data
- Vital Signs
- Family history, social history, other history
- Questionnaires

BHIE supports care for more than 3.3 million patients to date

DoD providers access VA data through AHLTA

VA providers access DoD data through VistA or VistA Web



DoD/VA Electronic Health Information Sharing



Computable Data

The Clinical Data Repository/Health Data Repository (CHDR) supports interoperability between DoD's Clinical Data Repository (CDR) & VA's Health Data Repository (HDR)



*Two-way,
Enterprise exchange,
Computable data*



Data Sharing Accomplishments



2000-2007

Incremental Electronic Health Record Sharing, including Combined Data Repositories (CDRs), Bidirectional Health Information Exchange (BHIE), Federal Health Information Exchange (FHIE), and scanned records.

Key milestones:

November 2000: VA begins to establish VADIR as authoritative source for personnel & benefits data exchanges with DoD's DEERS.

November 2001: DoD begins sending electronic health information to the VA for separated Service members

September 2006: DoD & VA begin exchanging computable outpatient pharmacy and medical allergy data

November 2006: DoD begins sending electronic post-deployment health reassessment data to VA

March 2007: DoD & VA begin to establish common population and EDI PI for Service members and veterans

August 2007: Scanned medical records from 3 DoD MTFs to 4 VA polytrauma centers

October 2007: VA able to access Theater clinical data

2008

March: DoD and VA to begin sharing inpatient consultations and operative reports

May: BHIE Imaging Solution operational at Evans ACH

June: DoD & VA to begin sharing vital sign data. Plan for enterprise-wide image sharing

September: DoD & VA to begin sharing family history, social history, other history

VA-DoD Information Interoperability Plan, V 1.0

October: Essential health, personnel, & admin data viewable (Dole/Shalala)

December: DoD & VA consolidated 39 personnel/benefits legacy data feeds into one bi-directional feed between DEERS and VADIR

To date, have captured common population of unique person identifiers for 35.5 million Service members & veterans

2009

March: Remaining data elements available to support Chapter 33 Post 9/11 G.I. Bill

September: Fully interoperable EHR for clinical care (NDAA 2008, Sec.1635)

Inpatient documentation Expansion to more than 70% of DoD inpatient beds

Gateways – Data Migration complete for 2 gateways

Initial Document Scanning Capability available in DoD

Expansion of Questionnaires available to VA

October: Begin exchanging computable lab results

TBD: Automated Active Dual Consumer flag for CHDR fully operational

Future

Virtual Lifetime Electronic Record, Using Common Services

- Health
- Benefits
- Personnel



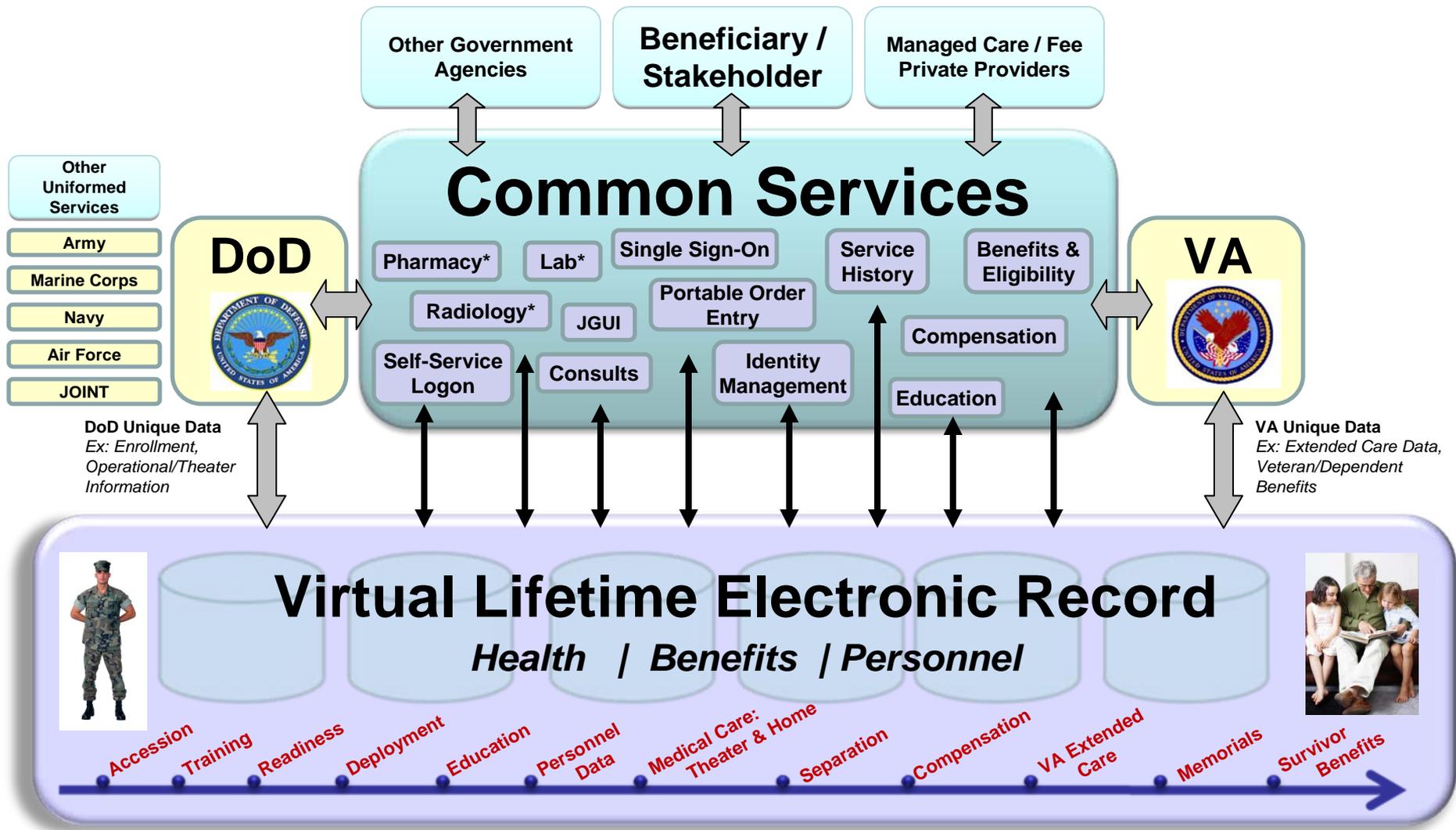
Where We Are Headed



- **A virtual lifetime electronic record using a data-centric common services approach based on national standards**
 - Provide Information Assurance
 - Secure, reliable & timely data
 - Auditable access to data
 - Protect member privacy
 - Provide member visibility
 - Enable role-based access
 - Consistent with the Nationwide Health Information Network (NHIN) model based on the Federal Health Architecture.



Where We Are Headed, cont'd





Milestones and Plans

- Achieve full interoperability of electronic health records for the provision of clinical care by September 30, 2009 (NDAA 2008, Sec. 1635)
 - DoD/VA Interagency Clinical Informatics Board – prioritize data to be shared (delivered July 2008)
- Expanded involvement in personnel and benefits IT data sharing initiatives
- Continue planning for common services approach
 - Identify barriers to progress
 - Develop common terms of reference
 - Empower initial set of business process working groups
 - Launch Identity Management Work Group
 - Define lifetime data required for Service members and veterans (DoD and VA)