

Lexicon and Coding Systems Overview

Presented by

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Services (Lexicon & VETS)**



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Office of Information and Technology
Standards and Terminology Services**

What is the Lexicon

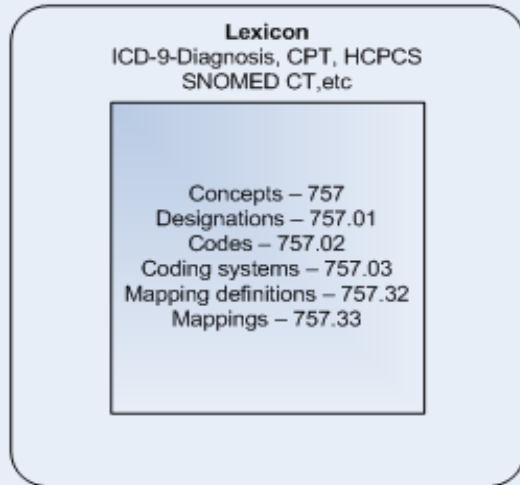
- Standard reference for clinical terminology across VA containing the following coding systems:
 - Clinical Procedural Terminology (CPT)
 - CPT Modifier
 - HCPCS (Healthcare Common Procedure Coding System)
 - ICD-9 (International Classification of Diseases-9) Diagnoses
 - SNOMED CT[®] (Systematized Nomenclature of Medicine – Clinical Terminology)
 - DMIS-ID
- APIs allow applications to search and retrieve Lexicon terminology.
- Files are 757*
- API's reside in LEX namespace

What are the Coding Systems

- ICD-9-CM Diagnoses - file 80
- ICD-9-CM Procedures - file 80.1
- CPT – file 81
- HCPCS (Healthcare Common Procedure Coding System) – file 80
- CPT & HCPCS Modifiers – file 81.3
- APIs allow applications to search and retrieve coding system data
- API's reside in the ICD and ICPT namespaces

Vista Lexicon and Coding System Files

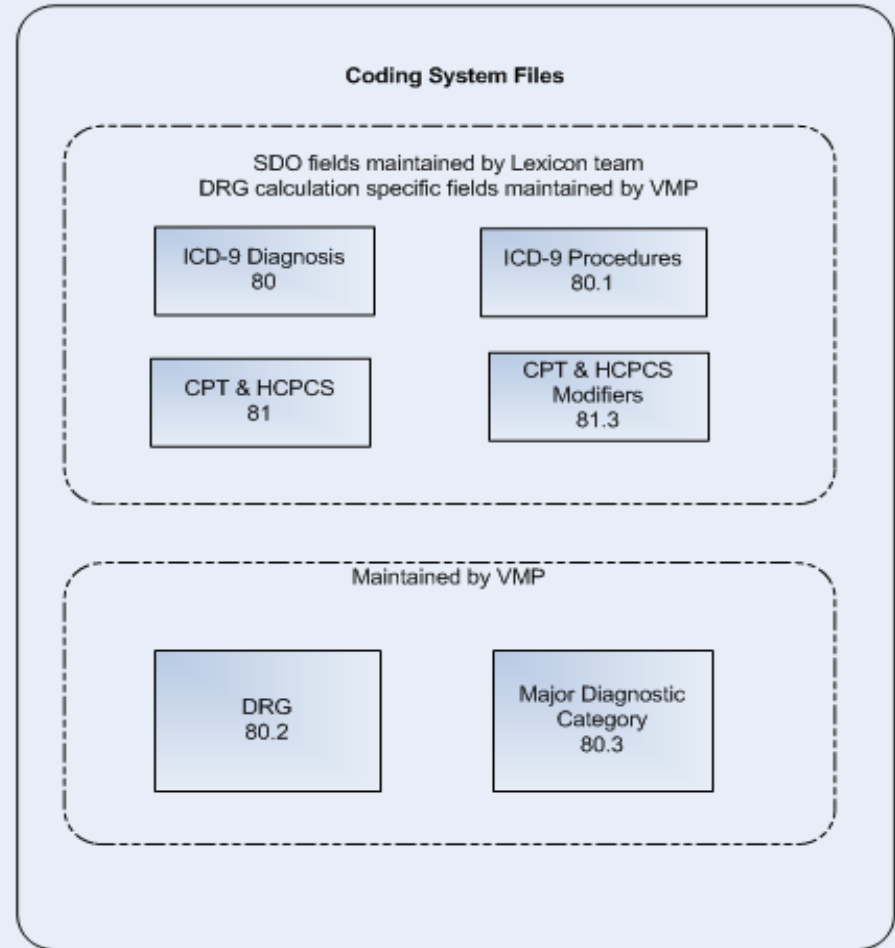
Vista



There are two kinds of data maintained by the Lexicon team:

- 1 Vista terminology data - coding systems are represented in the Lexicon files; user friendly designations (preferred term, synonyms, etc) are assigned to the coded concept (box above);*
- 2 Coding system data that replicates SDO data (box to right).*

The Lexicon team maintains the data and API's for both kinds.



Who Uses VistA Lexicon?

- Patient Care Encounter (PCE)
- Event Capture
- Home-based Primary Care
- Clinical Reminders
- TIU (Text Integration Utility)
- Lab Data Sharing and Interoperability (LDSI)
- Problem List
- Automated Information Collection System (AICS)
- ICD-9-CM to VBA Disability Code Mappings
- Integrated Billing
- Fee Basis
- Lab
- Dental
- Prosthetics
- Mental Health
- Radiology
- Surgery
- Registration
- Audiology



Lexicon Team Responsibilities

- Maintenance and Development of:
 - All of Lexicon files and APIs
 - ICD files and APIs (except those that relate to Diagnostic Related Grouping)
 - Share maintenance of fields ICD diagnosis and procedure files
 - CPT files and APIs

What We Do

- Perform HIPAA mandated quarterly updates to ICD-9, CPT, and HCPCS coding systems and modifiers
- Perform semiannual updates to SNOMED CT
- Coming soon Automated Service Connected Disability Codes (ASCD) and Bi-Rad codes
- Problem List Standardization (sidelined from CPRS by PRE)
- Maintain VistA Lexicon and Coding Systems APIs (Software)
- **Project Stakeholders:**
 - VistA Applications accessing Lex data (next slide)
 - VA Billing

Maintenance

- Code Set Updates at the 1st of each Quarter
 - Oct 1 (Q1) - ICD-9, SNOMED CT
 - Jan 1 (Q2) - CPT, HCPCS, modifiers
 - Apr 1 (Q3) - SNOMED CT, HCPCS, (ICD)
 - Jul 1 (Q4) – CPT, HCPCS
- Software updates as needed



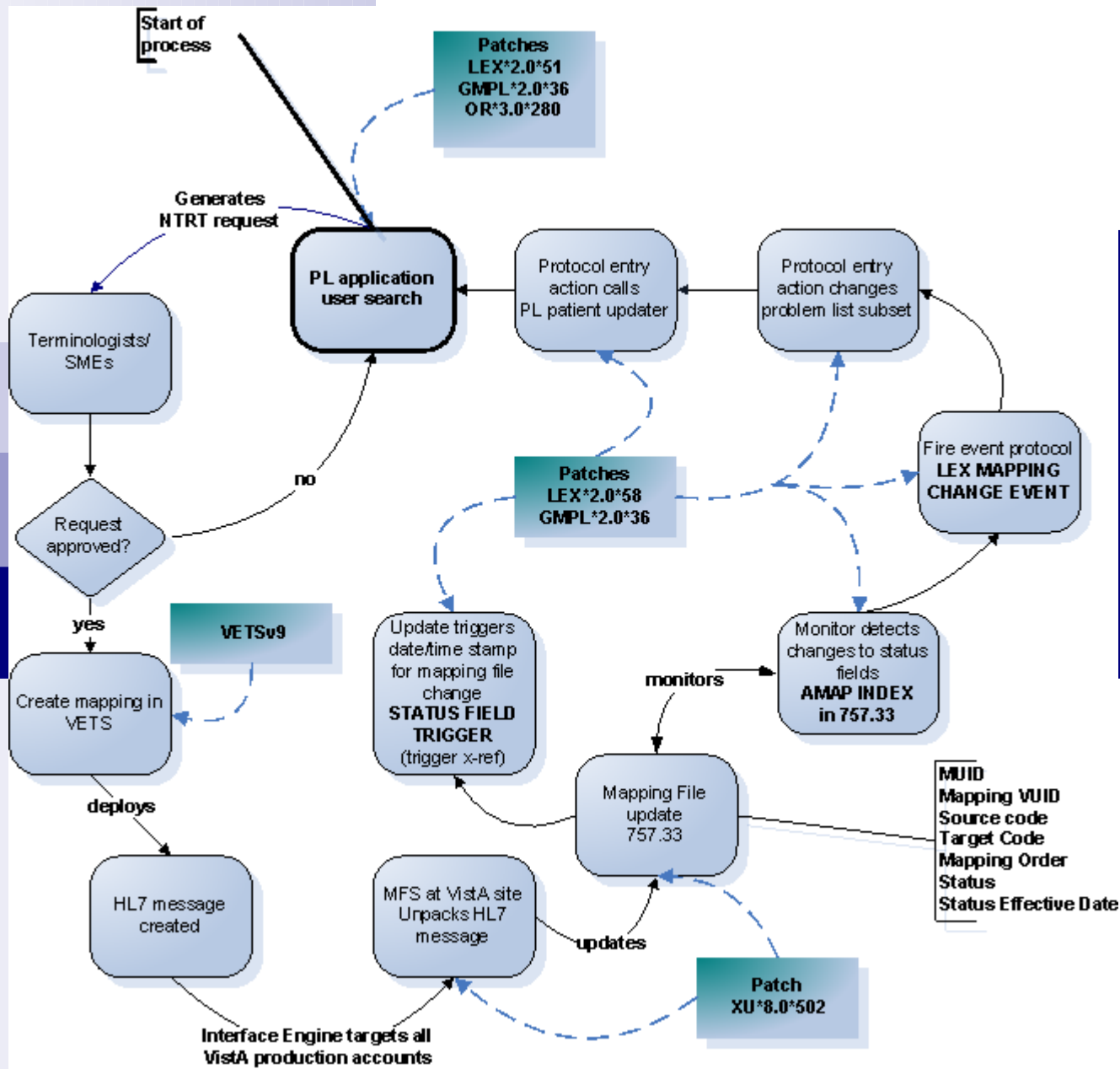
On the Horizon

- Problem List Standardization - LEX*2.0*51 and LEX*2.0*58
(delayed from inclusion in CPRS by higher priority projects)
- Un-versioned fields removal (LEX*2.0*64)
- Automated Service Connected Disability Codes (ASCD)
- Bi-Rad codes
- ICD-10



Problem List Standardization

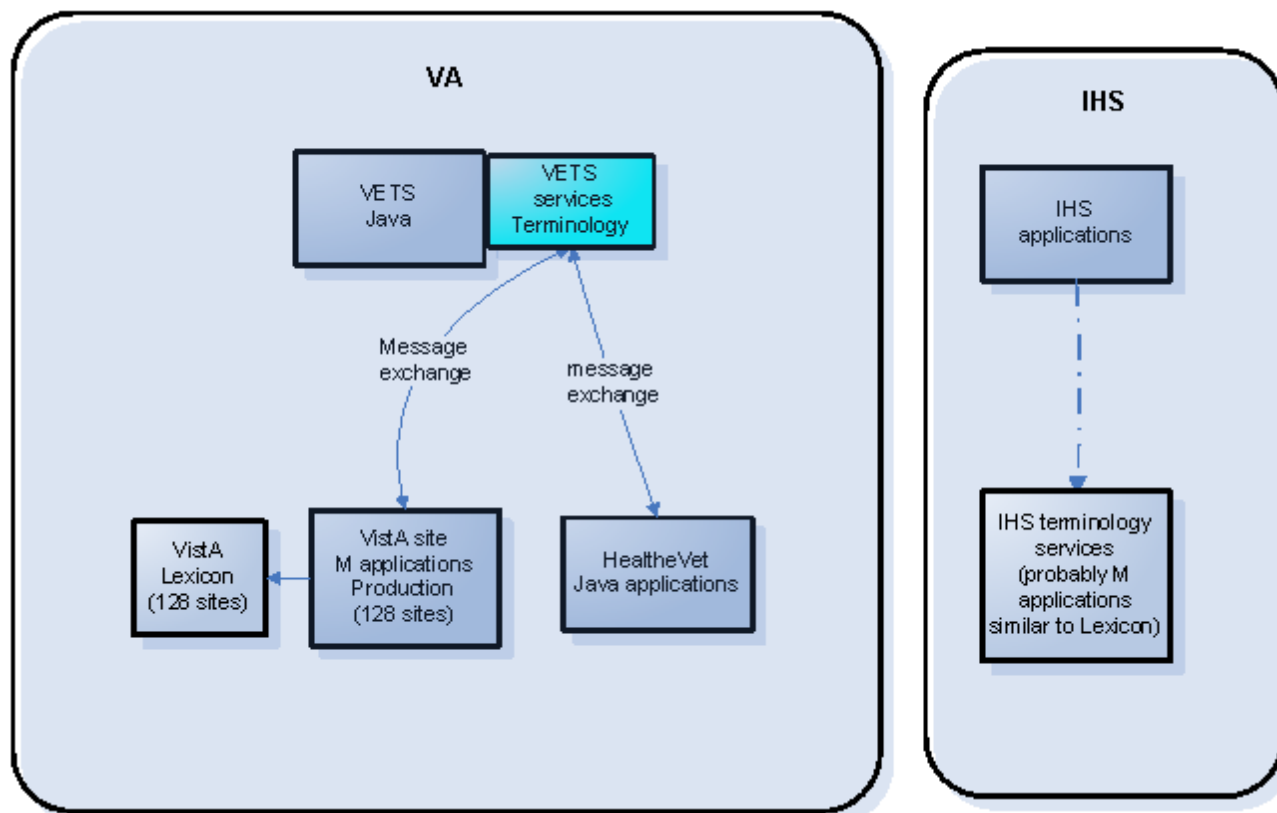
- VHA is in a process of standardization of many clinical domains
- Ensures patient records are intelligible across all systems
- Problem list standardized to use a subset of SNOMED CT
- Clinicians select problems from SNOMED CT subset
- SNOMED CT to ICD-9 mapping for billing



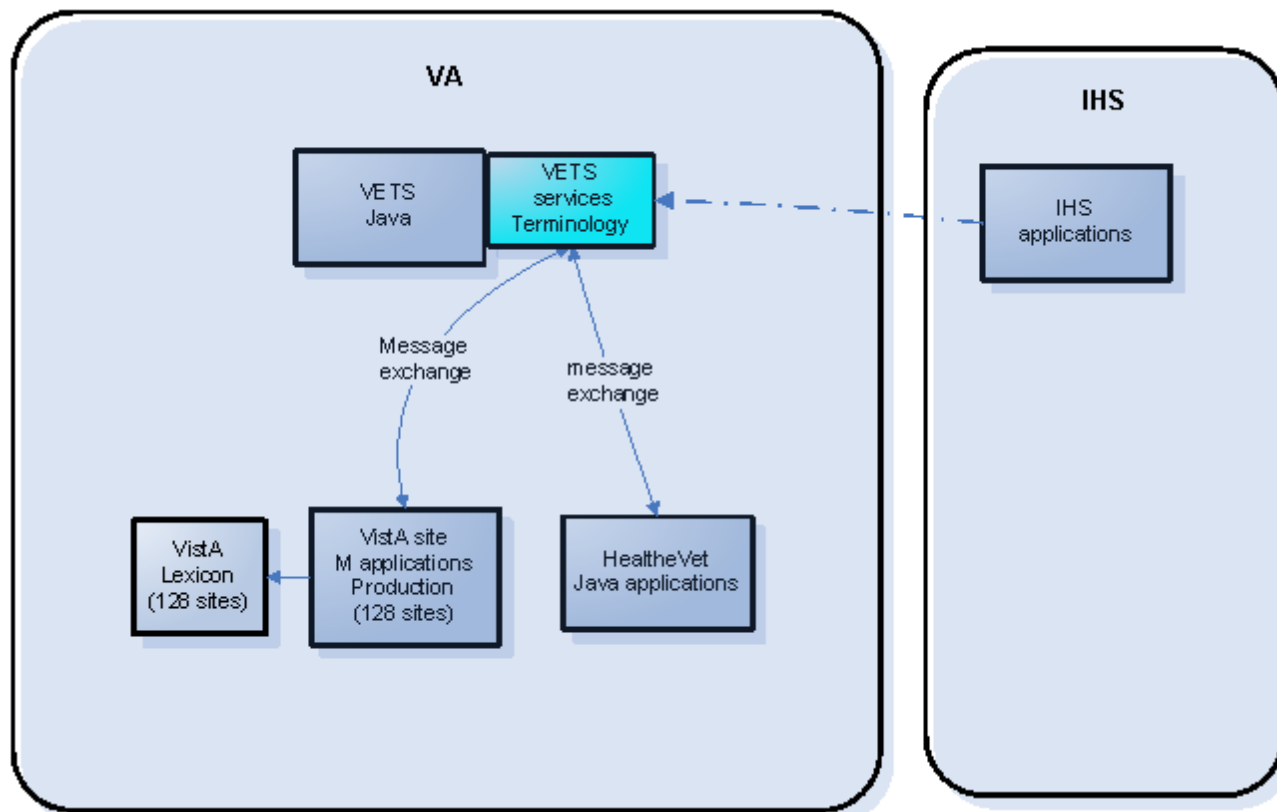


Questions

Beyond the Horizon (I)



Beyond the Horizon (II)



Beyond the Horizon (III)

