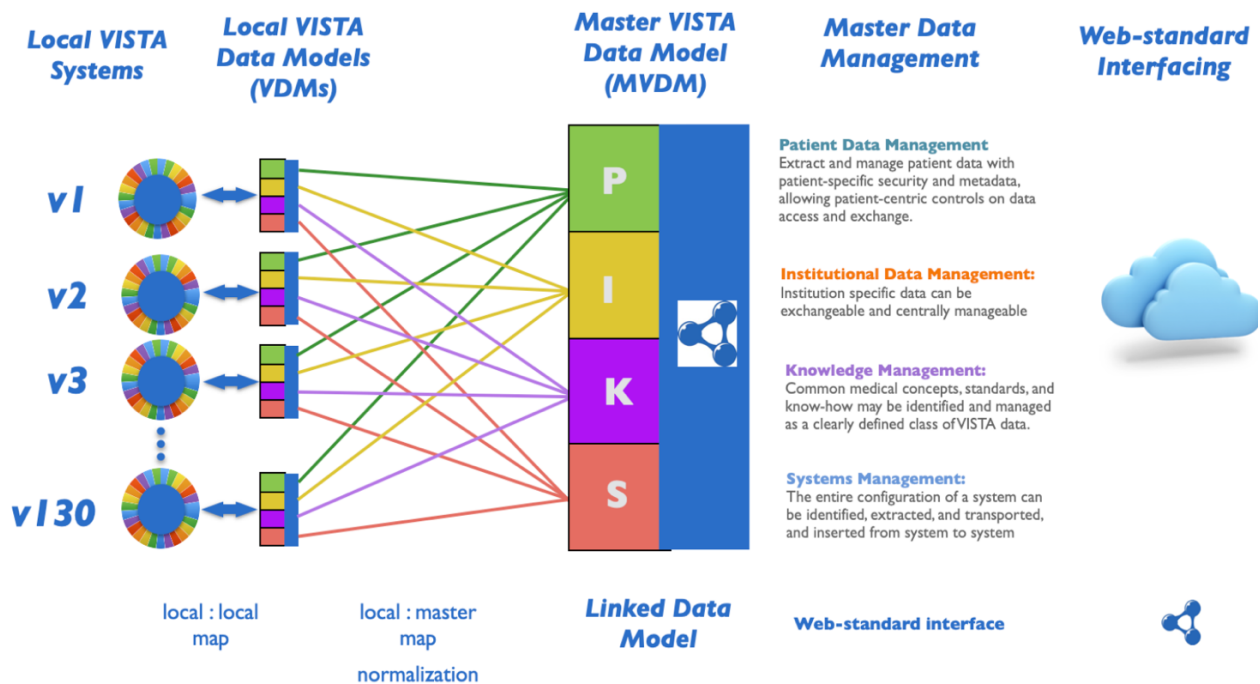# VETERAN ENTERPRISE DATA PROGRAM

U.S. Department of Veterans Affairs |Office of Data Management and Analytics
FY24-26

The objective of the Veteran Enterprise Data Program (VEDP) is to provide master data management for the 500+ million veteran-years of data stored in the VHA Information Systems Technology and Architecture (*VISTA*) databases in a modern maintainable machine-processable cloud-native form. VEDP enables enterprise standardization of veteran health data; improves data fidelity, quality, accessibility, and portability of veteran health data; and enables cloud-native enterprise integration and modernization of veteran healthcare data and services.

Enterprise Standardization: An Imperative for VA Modernization

- *A root cause of the challenges in implementing enterprise-oriented modernization strategy in VA – including national care, services, systems, or technologies - is that VistA data is nonstandard across the enterprise.*
- *The current state of VistA data access is fragmented and piecemeal. Access depends on over 3500 unique, hard-coded 'slices' that are brittle, opaque, and unmaintainable - trapping Veteran data behind a "firewall of code".*

Master VistA Data Model (MVDM): A Key Enabler for Enterprise Modernization

The Master VistA Data Model (MVDM) is the national, normalized data model spanning all 130 VistA data models (VDMs), enabling a centralized standard read-write access and integration across all VistA systems. MVDM is represented as a modern, mainstream, machine-processable web-standard form (JSON, JSON-LD) which provides industry-standard access through a secure web application programming interface (API). The read data model is identical to the write data model, making client access simpler. All MVDM interfaces and functionality are model-driven, language-agnostic, client-agnostic, FileMan API compliant, and secured with both existing VistA Kernel authentication, in addition to new modern, industry-standard, data-centric, attribute-based access control (ABAC). **MVDM enables a no-code approach to enterprise integration and master data management through a single, secure, symmetric read-write master data model – enabling VA to accelerate its enterprise modernization programs.**
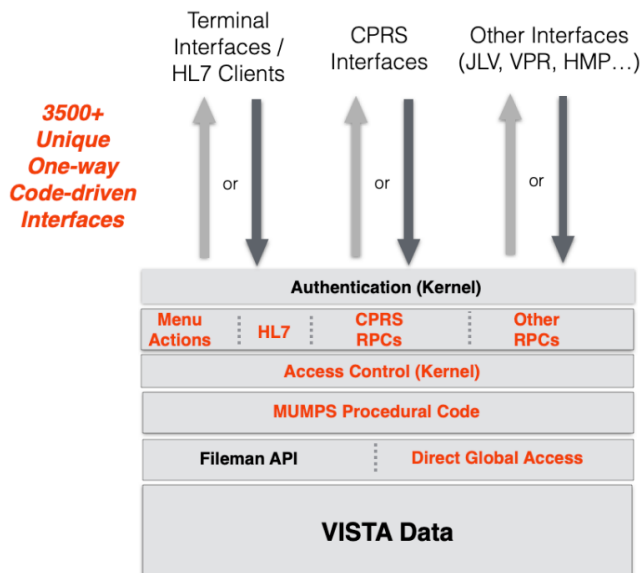
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Current State:
Code-driven Data Access

Red = MUMPS legacy code, not required in model-driven VISTA

Enterprise Data Program:
Model-driven Data Access
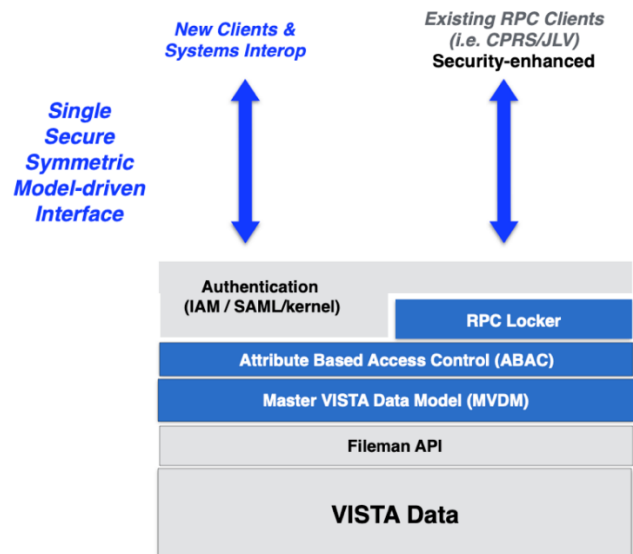
Blue = New, model-driven Javascript modules.

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