

VISTA Data Project

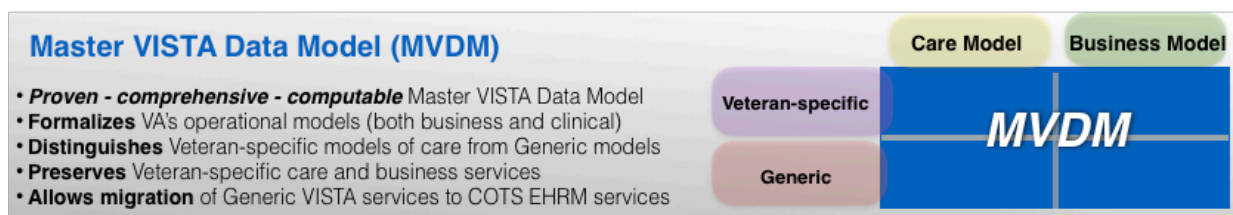
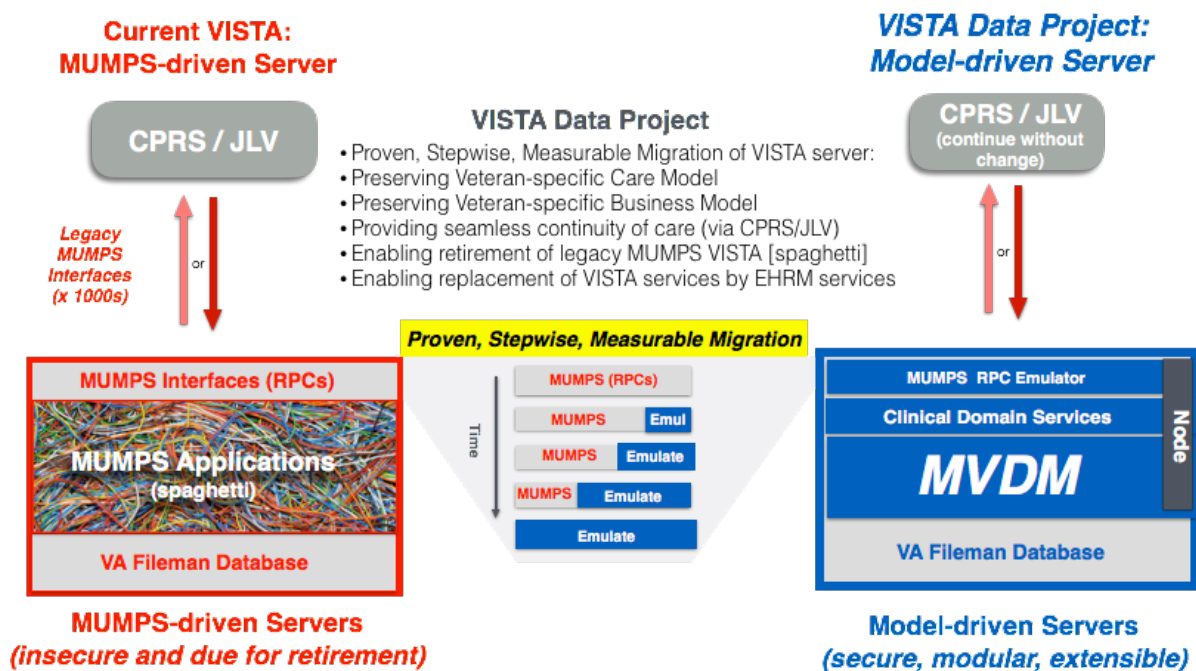
Proven, Stepwise VISTA Server Migration
while Maintaining Veterans' Continuity of Care

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Migration from VISTA to a commercial EHR (EHRM) demands a comprehensive, accurate definition of VISTA's current entangled operational functionality and data, separating clinical from business functionality, and separating generic functionality (replaceable by commercial offerings) from functionality that is Congressionally-mandated and VA- and Veteran-care specific (which must be preserved). Throughout VISTA's existence, VA has produced a series of static, non-operational functional definitions of VISTA, but these have lacked comprehensiveness, computability, or any mechanism for proving their accuracy.

The VISTA Data Project ("VDP") has produced a comprehensive, computable Master VISTA Data Model ("MVDM") reflecting VISTA's current production operational model. MVDM distinguishes clinical from business function, and distinguishes particulars of VA- and veteran-specific care from generic health-care (each represented by different quadrant in the MVDM figure below). Accuracy is guaranteed by reproducing ("emulating") VISTA's operational functionality in a MVDM-driven equivalent which allows both CPRS and JLV, VISTA's operational clients, to run unchanged. MVDM thus allows VA to provide seamless continuity of Veteran-specific clinical and business services, while at the same time migrating legacy VISTA servers and generic functionality to the new commercial EHR.

The figure illustrates this proven, stepwise, measurable migration from legacy MUMPS-driven VISTA servers [spaghetti] to a well-defined, structured, secured Model-driven server [MVDM]. The MVDM server emulates CPRS and JLV (providing backwards compatibility and seamless continuity of care), while at the same time allowing logical separation and migration of all non-Veteran-specific functionalities to EHRM. As this EHRM migration occurs, the legacy VISTA Applications (spaghetti) may now be safely, incrementally retired.



For further information: Website: <http://vistadataproject.info>

Demonstration: <http://vistadataproject.info/demo>