

**Health IT (J-6) Directorate  
Architecture, Advanced Concepts and  
Engineering (AACE) Division**

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# **VISTA Meta Data Project**

**Contract Number: HT0011-16-C-0007**

## **Closeout Report**

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**Version 1.1**

**October 14, 2017**



## VISTA Meta Data Project Close-out Report ver 1.1

**DOCUMENT CHANGE CONTROL**

Document Version	Date	Brief Description of Changes
1.0	October 2017	Initial Baseline
1.1	October 2017	Invoice was processed and approved

**POINTS OF CONTACT**

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# 1 Introduction

## 1.1 Document Purpose

The purpose of this document is to capture key information about the research project upon deliverable completion, document the project artifacts delivered to the receiving program management office(s) or program of record (POR).

It also helps the AACE to:

- Formally document the transition AACE managed research to a PMO or POR
- Document the successful transition from current to future state
- Gain concurrence of transition of project artifacts from PMO or POR

## 1.2 Document Scope

This document is solely applicable to the closure of the Vista MetaData Project.

## 1.3 Document Organization

The content of this document is organized as described in the table below.

**Table 1: Document Organization**

Section	Description
1 Introduction	This section covers the document purpose, scope, organization, and
2 Project Overview	This section provides an overview of the project including description, POCs, funding profile and deliverables
3 Lessons Learned	Location of lessons learned from project post implementation review
4 Deliverables	Contract and Non contract artifacts received along with record of what was delivered to receiving organization
5 Contract Closure	Contract Closure checklist
6 Document Approval	Concurrence and approval signatures

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## 2 Project Overview

The following material provides a summarized representation of the projects end-state.

**Table 2: Project Description**

Section	Description
Project Name	VISTA Meta Data Project
Project Purpose	The Project provides a single comprehensive security enabled read/write data model for all Veteran's Administration (VA) VISTA data across all VA VISTA operational systems, establishing a common technical foundation for master data management and computable data representation and exchanging between VA and DoD clinical information systems. The Project permits the analysis and enhancement of the true operational VISTA data models and provide a data-and metadata-centric roadmap for auditing VISTA data. It creates a sustainable, continuously repeatable process across all systems going forward rather than a single snapshot in time.
Functional Sponsor	Rafael Richards MD MS, Functional Sponsor Director, VistA Data Project VHA Office of Informatics and Analytics
Executing Agency	Pacific Joint Information Technology Center
Contracting Agency	COD

**Table 3: Project Funding**

Term	Funding Type	PoP Start	PoP End	Labor	ODC &/Materials	Total \$
<b>Base Period</b>	DHP	12/31/2015	12/30/2016	\$2.035M	\$0.024M	\$2.059M
<b>Option Period 1</b>	DHP	12/31/2016	12/30/2017	\$3.957M	\$0.024M	\$3.980M
<b>Total</b>				\$5.992M	\$0.048M	\$6.039M

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### **3 Lessons Learned**

See Final Report in appendix 1

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## 4 Deliverables

All project documents may be found at this GitHub site:

<https://github.com/vistadataproject/documents>

Contract deliverables and other artifacts produced and submitted to the COR are shown in Table: 5 Deliverables along with an inventory of those deliverables provided to the receiving PMO/POR. In addition, all project artifacts are archived in the AACE Research Repository at: <https://info.health.mil/hit/iat/ResearchRep/SitePages/Home.aspx>

Table 4: Deliverables

Item	Description	To Functional Sponsor
#1AA	Project Repository	Y
#1A	Non-Disclosure Agreement	Y
#1B	Quality Control Plan	Y
#1C	Phase-Out Migration Plan	Y
#2	Program Management Plan	Y
#3	Program Schedule and Monthly Updates	Y
#4	Monthly Status Report	Y
#5	Quarterly Strategic Communications Message	Y
#6	Software Architecture Artifacts (Metadata)	Y
#7	Machine Processable VISTA Data Model (VDM)	Y
#8	Date-stamped FileMan Data Model Definitions	Y
#9	Approach to “Live VDM” Maintenance of Current State	Y
#10	Normalized VISTA Data Model (VDMN)	Y
#11	Heuristic Code	Y
#12	Normalization Reports	Y
#13	Website that graphically depicts VDM, VDMN, and other metadata	Y
#14	Report on Exposure of Older Models	Y
#15	Date-stamped Metadata for lab, surgery, TIU notes and other applications in a VDMN compatible format	Y
#16 and #17	Removed from the PWS before award	N/A
#18	Machine-processable Annotations	Y
#19	Software code	Y
#20 thru 22	Removed from the PWS before award	N/A
#23	Create a self-contained web-based, graphical demo of VISTA Data Model (VDM) and normalized VDM (VDMN) securely reading and writing a representative subset of VISTA data in the Project's FileMan Test VISTA. This demo will showcase the project and must be installable and runnable on a Mac or Windows portable capable of running FileMan Test VISTA	Y
#24	Removed from the PWS before award	Y
#25	Prototype query access to VISTA Data Against VDM	Y
#26 and #27	Removed from the PWS before award	N/A

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#28	Prototype Patient-centric Data Security	Y
#29 thru #31	Removed from the PWS before award	N/A
#32	Removed in Mod 0001	N/A
#33	Prototype Web-Based Query Interface to FileMan Dat	Y
#34	Removed from the PWS before award	
#35	VISTA Application model(s)/Prototype(s)	Y
#36	Meta-model(s)/Prototype(s)	Y
#37 and #38	Removed from the PWS before award	N/A
#39	Reference model(s)/Prototype(s)	Y
#40	Document VISTA-ese vs. FHIR	Y
#41	Summary Report and Briefing/Presentation: Management Report on PIKS Annotations for Access Control	Y



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## 5 Contract Closure

Per the AACE Contract Administration, Management and Monitoring SOP, “Close out occurs when the Government and contractor have fulfilled their obligations, all outstanding contract administrations issues have been resolved, and all records are correctly disposed of.”<sup>1</sup> The following table identifies key contract closure activities.

Table 5: Contract Closure

Activity	Description	Complete	Validated by
Verify Closure Criteria Met	Confirm all Contract Deliverables have been received	Y	Alan Furuno and Dr. Rafael Richards
Document Past Performance	Past performance has been documented by COR	Y	Alan Furuno
Government Furnished Equipment (GFE)	Verify receipt of all GFEs per contract	N/A	N/A
Final Invoice	Verify receipt of final invoice	Y	Alan Furuno

<sup>1</sup> DHA HIT AACE, “Contract Administration, Management and Monitoring Standard Operating Procedure (SOP), January 15, 2015. G:\MHS CTO\02-BusinessOps(HR,Comms)

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## **6 Document Approval**

Concurrence:

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Mr. Alan Furuno  
Contracting Officer Representative  
Pacific Joint Information Technology Center  
Architecture, Advanced Concepts and Engineering Division  
DHA J-6

APPROVAL BY:

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Rafael Richards MD MS, Functional Sponsor  
VHA Office of Informatics and Analytics

## **7 Appendix 1: Final Report**

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