



Medicaid Enterprise System (MES) Systems Integration Platform & Services – Presentation to ITAC

June 21, 2023

Presenters

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MES Systems Integration Introduction

Problem Statement

- Multiple and redundant point to point system integrations across enterprise systems
- Lack of standardized and interoperable electronic document and data management solutions across enterprise systems prevents the business from efficiently and effectively making decisions
- Redundant data sharing solutions from multiple disparate extraction systems with siloed data stores
- Recent CMS bulletin raises potential for non-compliance with Federal requirements resulting in a Corrective Action Plan the reduction of Federal Funding Percentage (FFP) from 75% to 50%

Benefit of New System

- Creation of a standardized platform to allow for cost effective integration of current and future systems
- Centralize the aggregation of the enterprise data and document sets to connect the MES by removing barriers and redundancies through a common systems integration platform
- Standardize operational reporting, Center for Medicare and Medicaid Services (CMS) reporting, common data extracts, dashboards, and Transformed Medicaid Statistical Information System (T-MSIS)

Proposed Solution - Procurement

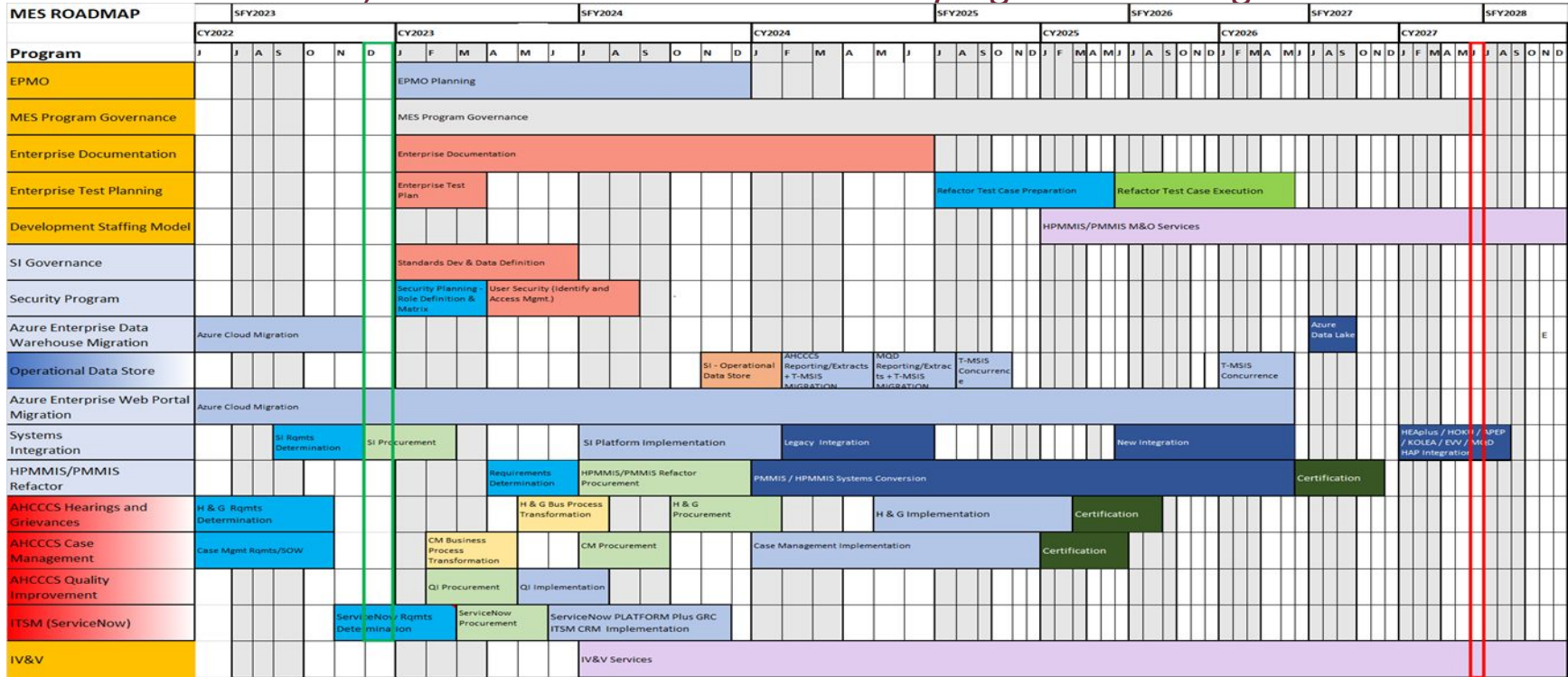
- Performed and Completed a Current State Assessment
- Developed Medicaid Enterprise System (MES) Modernization Strategy
- Identified Systems Integrator & Platform as first step of MES and MMIS Modernization
- Developed Requirements for Systems Integration Platform (SIP) and Integrator Services
- Published a Request for Quote (RFQ) for Systems Integration and received bids via NASPO
- Received proposals from five offerors
- Conducted Independent individual evaluations and group consensus evaluations
- Scored bids on Mandatory Security Certifications, Pricing, Requirements Matrix, Solution Approach & Contractor Experience
- Selected recommended Vendor and issued contingent Contract award
- CMS approved IAPD for the Systems Integrator for a 90% Federal Match (FFP) on May 9

Systems Integration Platform - Purpose

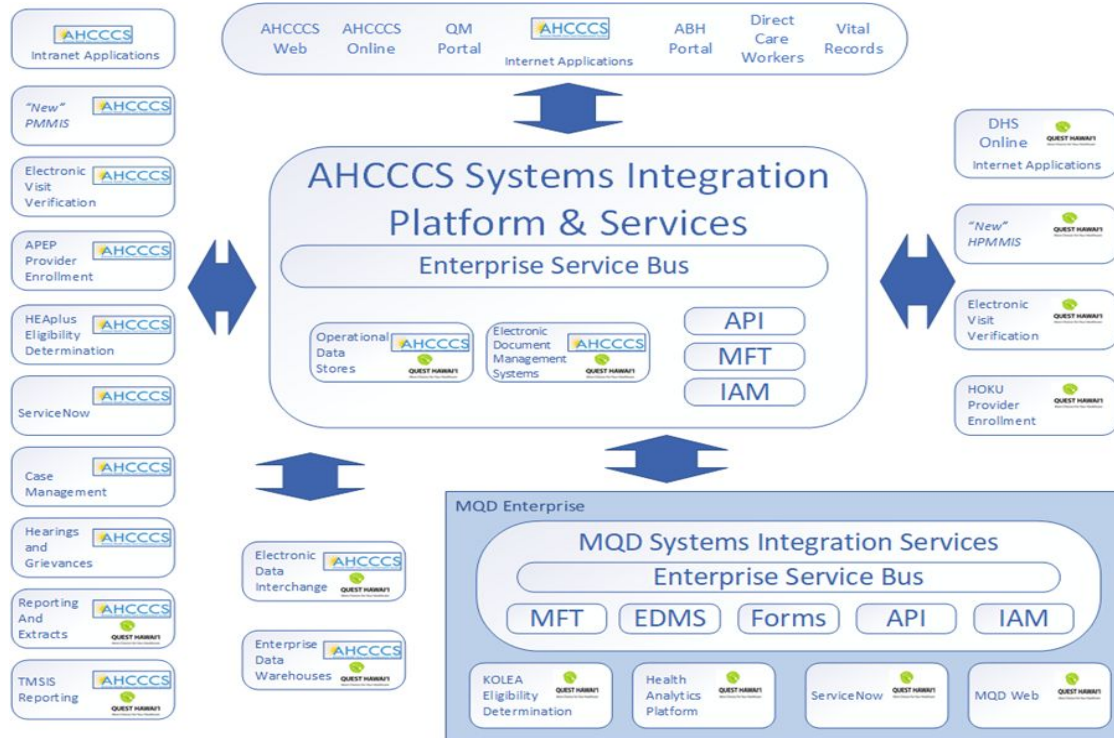
- Phase 1 of long-term Medicaid Enterprise System (MES) Modernization
- Starting point of Mainframe PMMIS/HPMMIS application & database update
- Enables the decoupling of current, Legacy Mainframe services
 - File transfer/Service Bus/Access Management/Programming Interface
 - Datacom Database (Operational Data Store (ODS)
 - Electronic Document Management System (EDMS)
- Implements modern cloud-based platform and framework for:
 - Real-time Claims submission, Eligibility verification, Member enrollment
 - Database management system and connectivity to Data Warehouse
 - Data Interchange with members, providers, other AHCCCS MES modules
- Establishes base for phase 2 Mainframe code refactoring and decommission

Proposed Solution - Timeline

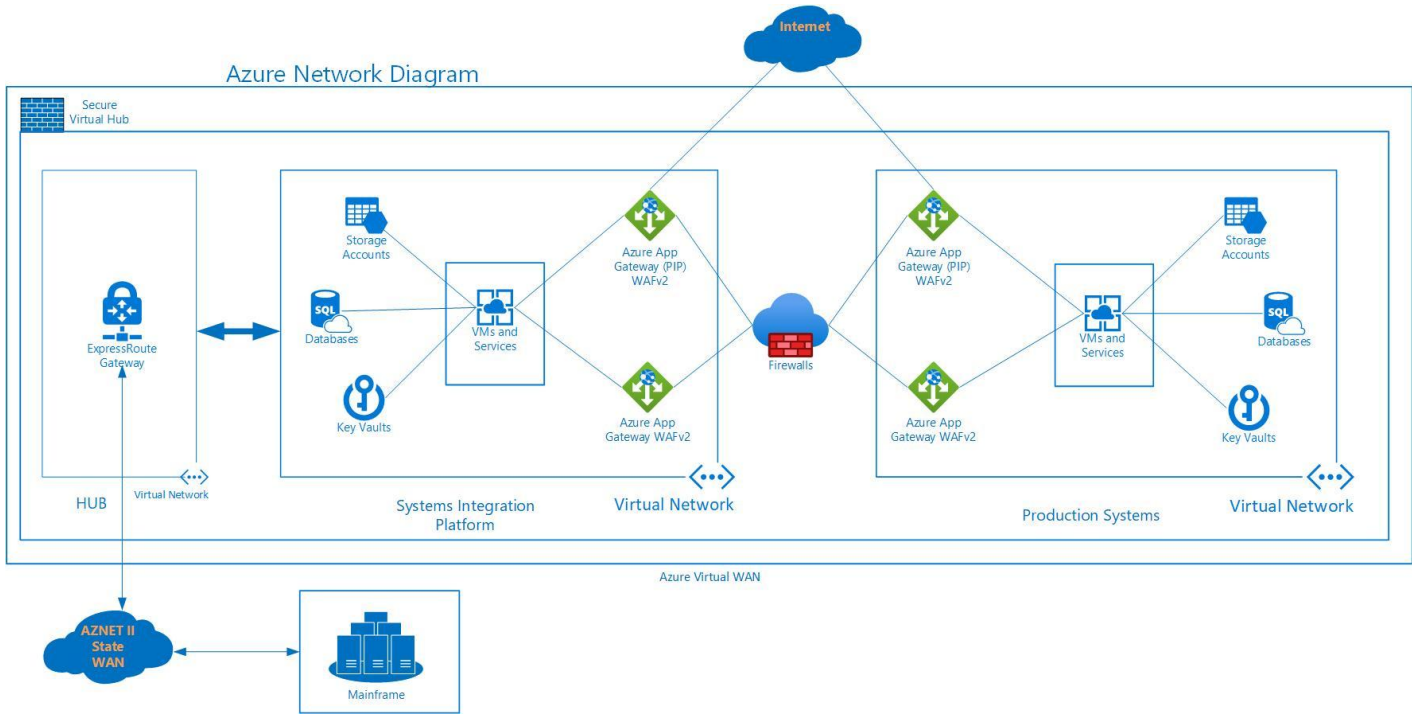
*Timeline is for illustration only. It may be subject to change contingent on funding, CMS, future vendor contracts and any legislation changes



Proposed Solution – SI Platform Diagram



Proposed Solution – Azure Network Diagram



Project Responsibilities

AHCCCS

- Project Contract Oversight
- Supply the technology environment and network connectivity
- Subject Matter Expert support
- Review & Accept Deliverables
- Extract data for Operational Data Store (ODS)
- Extract documents for Electronic Document Management System
- User Acceptance Testing (UAT)
- Technical Training

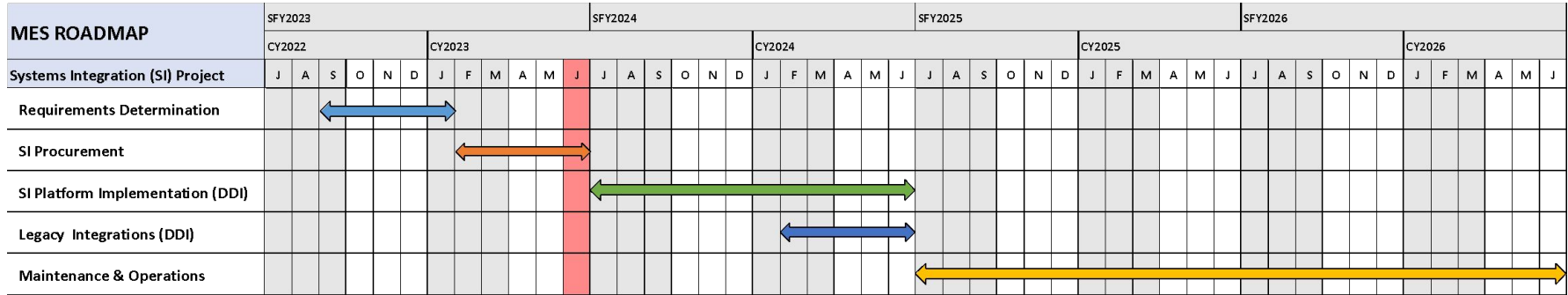
Shared

- Participate in project meetings
- Project Management
- Test Planning & Execution
- Training Planning & Delivery
- Organizational Change Management (OCM)

Vendor

- Deliver Project Management & System Design Documents
- Configure and Implement the software solution within the AHCCCS Azure tenancy
- Complete application testing
- Prepare & Deliver training
- Provide on-going application Maintenance & Operations (M&O)

Project Timeline



Design, Develop and Implement (DDI) – Azure Cloud Tenancy – 12 Months

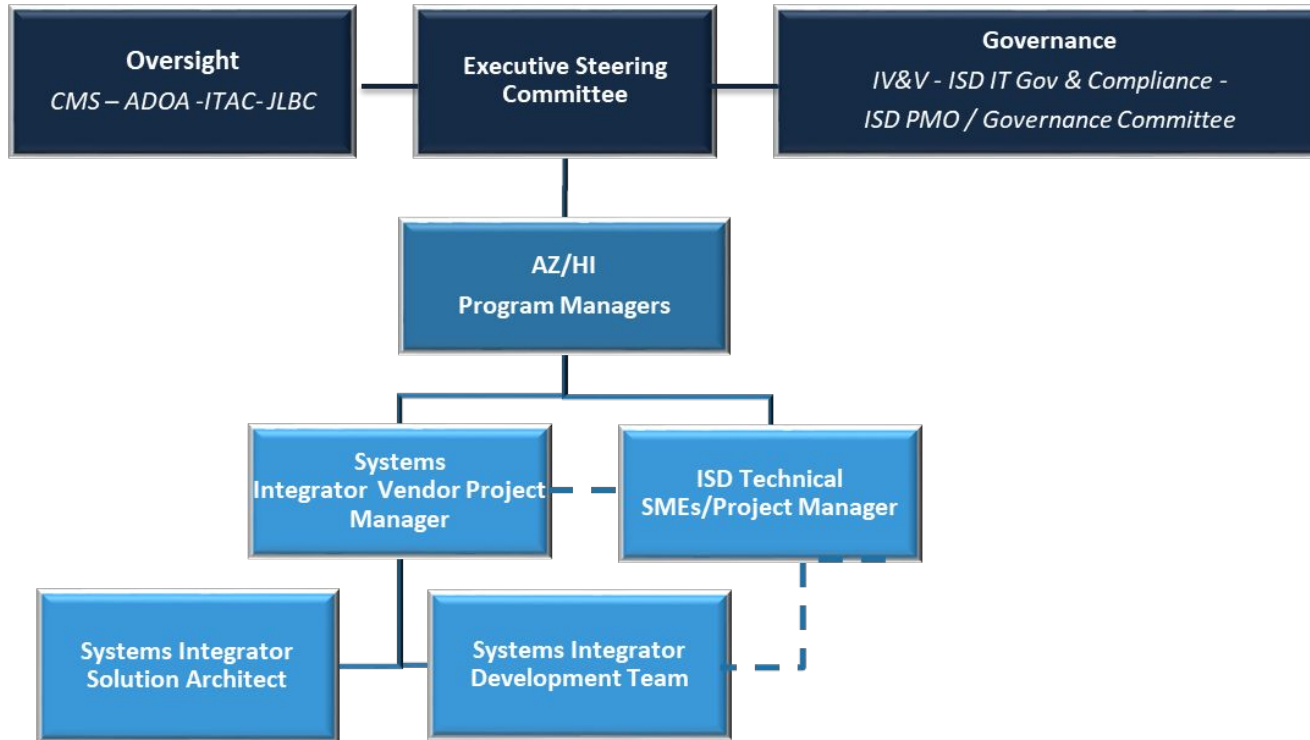
- Systems Integration Platform (SIP)
- Operational Data Store (ODS)
- Electronic Document Management System (EDMS)

SIP Maintenance & Operations by System Integrator – Year 2 on-going

Project Timeline

Milestone / Task	Estimated Start Date	Estimated Finish Date
PIJ (and ITAC and JLBC) approval	4/24/2023	6/30/2023
CMS Approval of IAPD and SI Contract	5/9/2023	5/9/2023
Kick-Off Meeting	7/10/23	7/10/23
Business Design/System Design Document & Approval	7/10/23	9/29/23
Data Integration / Interface Design & Control Document & Approval	7/10/23	9/29/23
Managed File Transfer (MFT)	10/2/23	11/3/23
Enterprise Service Bus (ESB)	11/6/23	12/8/24
API Gateway & Proxy	12/11/23	1/12/24
Dashboard & Reports (for ESB only)	1/15/24	2/16/24
DevOps CI/CD	2/19/24	3/22/24
Base Operational Data Store (ODS)	10/2/23	12/22/23
Base Electronic Document Management System (EDMS)	10/2/23	12/22/23
Operational Data Store (ODS)	3/25/24	5/3/24
Enterprise Documentation Management System (EDMS)	5/6/24	6/14/24
Systems Integration Platform Base Complete	6/17/24	6/17/24
Training	6/17/24	7/5/2024
Go-Live	7/8/24	7/8/24
Final payment to vendor for development	9/1/2024	9/30/2024
Project End	9/30/2024	9/30/2024

PROGRAM STRUCTURE



Project Costs – Five Years

FEDERAL SHARE

Costs by Category	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Development Total	\$ 10,249,100	\$ -	\$ -	\$ -	\$ -	\$ 10,249,100
M&O Total	\$ -	\$ 5,150,300	\$ 5,672,000	\$ 6,271,900	\$ 6,961,800	\$ 24,056,000
Total	\$ 10,249,100	\$ 5,150,300	\$ 5,672,000	\$ 6,271,900	\$ 6,961,800	\$ 34,305,100

ARIZONA - STATE ONLY

Costs by Category	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Development Total	\$ 569,400	\$ -	\$ -	\$ -	\$ -	\$ 569,400
M&O Total	\$ -	\$ 1,442,100	\$ 1,588,200	\$ 1,756,100	\$ 1,949,300	\$ 6,735,700
Total	\$ 569,400	\$ 1,442,100	\$ 1,588,200	\$ 1,756,100	\$ 1,949,300	\$ 7,305,100

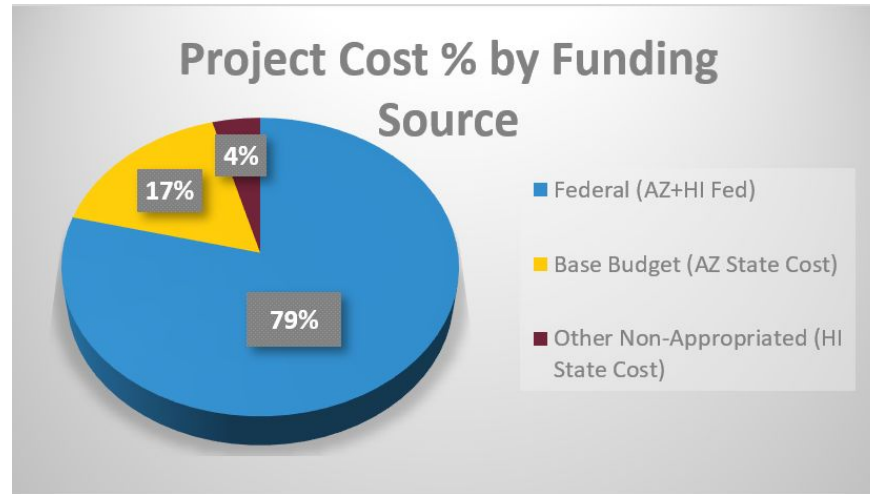
HAWAII - STATE ONLY

Costs by Category	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Development Total	\$ 569,400	\$ -	\$ -	\$ -	\$ -	\$ 569,400
M&O Total	\$ -	\$ 274,700	\$ 302,500	\$ 334,500	\$ 371,300	\$ 1,283,000
Total	\$ 569,400	\$ 274,700	\$ 302,500	\$ 334,500	\$ 371,300	\$ 1,852,400

*Year 1 Arizona - State Only is \$569,400 Automation Project Fund (APF). The remainder of the \$2 million JLBC Ask for APF in FY 2024 will be utilized by a future PIJ request.

Financial Impact

Funding Source	Total
Federal (AZ+HI Fed)	34,305,100
Base Budget (AZ State Cost)	7,305,100
Other Non-Appropriated (HI State Cost)	1,852,400
Total	\$ 43,462,600



Proposed Solution - Success

- Operational Data Store (ODS) is established and loaded with 3 years of data
- AHCCCS continues to be compliant with the Transformed Medicaid Statistical Information System (TMSIS) without interruption
- Enterprise Document Management System (EDMS) is installed and available to consume from different modules.

Questions?

Thank You.