

STATE OF HAWAI'I | KA MOKU'ĀINA O HAWAI'I DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES | KA 'OIHANA LOIHELU A LAWELAWE LAULĀ

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES | KE'ENA HO'OLANA 'ENEHANA

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August 29, 2025

The Honorable Ronald D. Kouchi President of the Senate and Members of the Senate Thirty-Third State Legislature State Capitol, Room 409 Honolulu, Hawai'i 96813 The Honorable Nadine K. Nakamura Speaker and Members of the House of Representatives Thirty-Third State Legislature State Capitol, Room 431 Honolulu, Hawai'i 96813

Aloha Senate President Kouchi, Speaker Nakamura, and Members of the Legislature:

Pursuant to HRS section 27-43.6, which requires the Chief Information Officer to submit applicable independent verification and validation (IV&V) reports to the Legislature within ten days of receiving the report, please find attached the report the Office of Enterprise Technology Services received for the State of Hawai'i, Department of Health, BHA Integrated Case Management System Project.

In accordance with HRS section 93-16, this report may be viewed electronically at http://ets.hawaii.gov (see "Reports").

Sincerely,

Christine M. Sakuda
Chief Information Officer

State of Hawai'i

Attachments (2)





Hawaii BHA Integrated Case Management System Project – *Phase 4*

IV&V Report for the period of July 1 – July 31, 2025

Final Submitted: August 12, 2025



Agenda

Executive Summary IV&V Findings & Recommendations

Appendices

- A Rating Scales
- B Inputs
- C Project Trends
- D Acronyms and Definitions
- E List of Production Defects





The project continues to make steady progress in the build-out of the INSPIRE case management system and recently went live with a new system release on 7/30/2025.

The project has made progress with resolving challenges they've had with defect logging activities, which should improve bug tracking and coordination. The project team has stated its intention to prioritize investigating the root cause of post-production defects (defects inadvertently released into the production system). Reducing recurring and post-production defects could increase the productivity of the development effort, improve system quality, and reduce the overhead of managing defects.

The project continues to face challenges with improving their system testing processes. Automated regression testing has been paused due to expired Tosca licenses, requiring the team to revert to manual testing and potentially slowing their productivity. Improving testing processes could help minimize post-deployment defects, improve system stability, and lessen the workload on BHA testers.

BHA continues to address resource constraints and is actively recruiting a supervisory role for the project team to reduce the workload for key project members and improve their productivity on project tasks. They are exploring ways to enhance some of their operational duties (e.g., audit and compliance tasks) to free up capacity to focus more on critical project activities.



May	Jun	Jul	Category	IV&V Observations	
L	L	•	Sprint Planning	BHA identified a backlog bottleneck due to one person managing review, estimation, and assignment. Some items have carried over, highlighting the need for added support. The team is streamlining processes by aligning related items and refining task distribution to improve efficiency.	
L	L	0	User Story (US) Validation	here are no active findings in the User Story (US) Validation category, which remains Green (low criticality) for this reporting period. IV&V will continue to monitor the US evelopment and validation process in upcoming reporting periods.	
M	M	M	Test Practice Validation	The project continues to face challenges with improving their system testing processes. Automated regression testing has been paused due to expired Tosca licenses, requiring the team to revert to manual testing and potentially slowing their productivity. Improving testing processes could help minimize post-deployment defect improve system stability, and lessen the workload on BHA testers.	



May	Jun	Jul	Category	IV&V Observations	
M	M	M	Release / Deployment Planning	R4.13 went live on 7/30/25 with one high-severity defect unresolved. The lack of a formal RCA framework remains a gap, despite targeted efforts on calculator defects. Multiple high-severity issues highlight the need for proactive RCA to prevent recurrence and reduce risk.	
0	•	L	On-The-Job- Training (OJT) and Knowledge Transfer (KT) Sessions	This category remains Green (low criticality) for the July reporting period with no active findings.	
	L	•	Targeted KT	This category remains Green (low criticality) for the July reporting period. IV&V will continue to monitor.	
L	L	•	Project Performance Metrics	There are no project performance metrics to report for the July reporting period. IV&V wi keep this category's criticality rating Green (low criticality) and will continue to monitor.	
	L	•	Organizational Maturity Assessment (OMA)	This category remains Green (low criticality) for the July reporting period. There are no outstanding findings in this category, and IV&V will continue to monitor.	

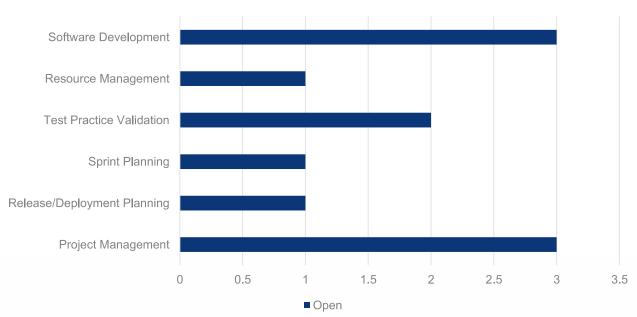


May	Jun	Jul	Category	IV&V Observations
•		•	Project Management	The project continues to make steady progress in the build-out of the INSPIRE case management system and recently went live with a new system release on 7/30/2025. IV&V is currently reviewing the updated Production System Restart Communication Protocol document, and formulating feedback based on industry best practices.
M	M	M	Resource Management	BHA continues to address resource constraints and is actively recruiting a supervisory role for the project team to reduce the workload for key project members and improve their productivity on project tasks. They are exploring ways to enhance some of their operational duties (e.g., audit and compliance tasks) to free up capacity to focus more on critical project activities.



As of the July 2025 reporting period, Eleven(11) open findings. Five (5) Medium Issues, One (1) Medium Risk, Two (2) Low Issues, and One (1) Preliminary Concern, spread across the Release/Deployment Planning, Test Practice Validation, Sprint Planning, Project Management, Resource Management, assessment areas are currently open.







Assessment Categories

Throughout this project, IV&V verifies and validates activities performed in the following process areas:

- Sprint Planning
- User Story Validation
- Test Practice Validation
- Release / Deployment Planning
- On-the-Job Training (OJT) and Knowledge Transition (KT) Sessions
- Targeted Knowledge Transition (KT)
- Project Performance Metrics
- Organizational Maturity Assessment
- Project Management
- Resource Management



Sprint Planning (cont'd)

#	Key Findings	Criticality Rating
41	Low Risk: The absence of separate dedicated product backlog review meetings can lead to unclear priorities, misalignment with stakeholders, inadequate refinement, and an increased risk of scope creep. Update: BHA has identified a bottleneck in backlog processing, primarily due to a single team member managing the review, estimation, and assignment of tasks. While backlog items are prioritized, some from the current release cycle have been carried over, indicating a need for additional support in this area. The BHA team is actively working to streamline the process by identifying synergies across backlog items and refining the distribution of responsibilities to enhance efficiency and throughput.	L
Recon	nmendations	Status
	continues to conduct these meetings regularly and mature the practice over time, as they provide tangible in sustaining project velocity and reducing rework.	Open

Recommendations	Status
BHA continues to conduct these meetings regularly and mature the practice over time, as they provide tangible value in sustaining project velocity and reducing rework.	Open
CAMHD and DDD implement a structured feedback management process with a prioritization framework to ensure that all new requests are thoroughly evaluated and aligned with project goals before being added to the backlog.	Open
Separate dedicated product backlog review meetings (during Sprints) would allow clarifying any ambiguities or uncertainties, re-prioritization, estimation and refinement of backlog items. This would allow the project team to avoid situations where decisions about including items mid-Sprint would have to be taken.	Open
IV&V recommends scheduling separate dedicated product backlog review meetings (during Sprints) where all relevant stakeholders are invited to review the product backlog and scheduled at the appropriate time(s) such that there is sufficient time to plan the design, development, and implementation (DDI) of the next release(s).	Open



Test Practice Validation

#	Key Findings	Criticality Rating
2	Medium Issue: The lack of comprehensive automated regression testing has likely led to post-production defects, causing user frustration. Finding Update: Release 4.13 Regression testing for is on track for 7/21/2025 – 7/29/2025, powered by manual test cases while the Tosca license is renewed. Release 4.13 Regression testing was successfully completed on 7/29/2025. The current reliance on manual processes may limit testing efficiency and increase the likelihood of gaps in test coverage, which could lead to some defects being introduced into production. The Tosca Automation Regression Testing SME is ready to resume automated test scenario development as soon as licensing is restored. At IV&V's request, the SI has also begun detailed end-to-end flow recordings to validate DDD key processes, with completion by month-end.	M
Recon	nmendations	Status
Given optimiz overlap resour covera	sure effective Tosca testing, it is crucial for both divisions to align on a unified resource allocation strategy. The limited availability of resources, open communication and consensus-building are essential for zing tester utilization. By collaborating to prioritize testing efforts, share critical test cases, and identify oping areas, the divisions can achieve comprehensive regression testing without overburdening a single ce. This collaborative approach will balance workloads, streamline processes, and enhance test age, minimizing delays and bottlenecks. Ultimately, it will enable both divisions to efficiently meet their objectives.	Open
	nced approach that combines manual and automated regression testing to ensure broad test coverage exibility.	In-Progress



Test Practice Validation (cont'd)

Recommendations	Status
Having board(s) in Azure DevOps or a document on SharePoint that provides information about the status of regression testing automation, to facilitate visibility and transparency to BHA project personnel and stakeholders.	In Progress
Schedule priorities should be reevaluated by distributing the work according to the resource bandwidth. This will ensure that the schedule is not impacted and that the work is done efficiently between regression testing and Golden Record (GR) tasks.	In Progress
Pursue and complete additional formal training in Azure DevOps and Tricentis for test automation as soon as possible and complete efforts to automate the two primary regression test scripts.	In Progress
IV&V recommends DDD and CAMHD to develop a common and consistent approach across divisions for performing regression testing.	In Progress
Determine if current regression testing timeframes are adequate, and if not, add more time to the pre-production regression test efforts for all release deployments.	In Progress



Test Practice Validation (cont'd)

#	Key Findings	Criticality Rating
40	Medium Issue: Limited testing processes can lead to poor-quality software, project delays, and extended user acceptance testing. Finding Update: While regression testing for Release 4.13 was executed successfully as scheduled (7/21/2025 – 7/29/2025), the continued reliance on manual testing, especially during Tosca license renewal, underscores broader limitations in test coverage and execution efficiency. Current practices may not fully exercise high-risk workflows or capture edge-case conditions, increasing the potential for undetected defects to reach production. IV&V encourages BHA to enhance its overall testing strategy to improve both the breadth and depth of test coverage, with a focus on critical business scenarios and high-impact functional paths.	M
Recor	nmendations	Status
may in edge of scope likelihot As par could along	recommends enhancing testing scripts to better align with high-risk and business-critical workflows. This include incorporating a broader range of testing techniques such as negative testing (e.g., invalid inputs or cases), boundary testing, role-based scenario testing, and end-to-end workflow validation. Expanding the of testing in this way will help uncover hidden defects, improve system robustness, and reduce the bood of post-deployment issues. It of this effort, it may be helpful to review recent production defects to identify areas where test coverage be improved. Expanding smoke test scenarios to include key functional paths with a history of defects, with exploring opportunities for automation, can contribute to more efficient and consistent post-yment validation. These enhancements are intended to support stronger release readiness and help	Open



minimize the risk of post-deployment issues.

Test Practice Validation (cont'd)

Recommendations	Status
Make efforts to implement a streamlined Root Cause Analysis (RCA) process to identify the causes of defects and prevent recurrence. Due to project resource constraints, propose timeboxing RCA efforts for each defect introduced into production. Timeboxing involves allocating a fixed period (e.g., 1-2 hours per defect or a set number of hours per week) for focused Root Cause Analysis (RCA) activities. These activities may include quickly gathering defect context, analyzing potential causes, and proposing corrective actions, all within the specified timeframe. Project PM(s) can oversee the tracking of corrective actions to ensure completion.	In Progress
IV&V recommends that, after fixing a defect, the SI incorporate relevant test cases to validate these fixes in subsequent releases.	In Progress
IV&V has requested an overview of the testing process, with a focus on process such as tracking test coverage and requirements traceability.	In Progress
A Stakeholder Register helps identify and understand all project stakeholders, ensuring needs are met and risks are managed through effective communication. A RACI matrix clarifies roles and responsibilities, improving collaboration, decision-making, and resource management, which are all critical for the success of IT projects.	In Progress
Identify stakeholders (output is Stakeholder Register) and develop a RACI matrix for testing.	In Progress
Review the overall testing process and implement any needed improvements identified.	Open



Release / Deployment Planning (cont'd)

#	Key Findings	Criticality Rating
	Low Issue: Due to on-going deployment processes and technical execution issues, the Project may continue to encounter defects and challenges, e.g., when releases are in production or in meeting projected timelines for production and non-production deployments.	
39	Finding Update: The R4.13 went live on 7/30/25. As of this reporting period, one (1) high-severity production defect remains unresolved. Although this finding is focused on deployments, the continued absence of defined root cause analysis (RCA) protocols including criteria such as defect severity, recurrence, and business impact reflects a broader and ongoing gap across the project. The project team has acknowledged this deficiency and is prioritizing RCA processes for certain calculator defects. The presence of multiple high-severity defects highlights the importance of proactively implementing a formal RCA framework to prevent recurrence, ensure consistent remediation, and reduce long-term risk exposure. IV&V will continue to monitor deployment quality across releases and Mid-Sprint Deployments (MSDs), with particular attention to emerging defect trends and the project's responsiveness to systemic issues.	

The project team is recommended to develop and document a formal Root Cause Analysis (RCA) protocol that includes defined triggers for initiating an RCA such as severity 1 or 2 production defects, recurring issues, or stakeholder-reported impacts. The protocol should also establish clear roles and responsibilities for conducting RCAs and reviewing outcomes, along with setting timeframes for completing RCAs following defect identification or release. Additionally, incorporating standardized templates or tools for documenting RCA findings and associated corrective actions, as well as implementing a tracking mechanism to ensure those actions are carried out and monitored for effectiveness, will strengthen the process. Formalizing these elements will help ensure RCA practices are applied consistently, improve visibility into root causes, and support long-term defect reduction	Recommendations	Status
across future releases, including those related to Frick, Mods, and AER.	includes defined triggers for initiating an RCA such as severity 1 or 2 production defects, recurring issues, or stakeholder-reported impacts. The protocol should also establish clear roles and responsibilities for conducting RCAs and reviewing outcomes, along with setting timeframes for completing RCAs following defect identification or release. Additionally, incorporating standardized templates or tools for documenting RCA findings and associated corrective actions, as well as implementing a tracking mechanism to ensure those actions are carried out and monitored for effectiveness, will strengthen the process. Formalizing these elements will help ensure	Open

Release / Deployment Planning (cont'd)

Recommendations	Status
Implement a streamlined Root Cause Analysis (RCA) process to identify deployment causes and prevent recurrence. To manage resource constraints, consider timeboxing RCA efforts—e.g., 1–2 hours per defect or a set number of hours weekly. Within this timeframe, focus on gathering context, analyzing causes, and proposing corrective actions. Project PMs can track these actions to ensure follow-through.	On-going
The project should consider automating deployments for resource savings, increased efficiency, consistency, faster time to market, improved collaboration and reliability, scalability, version control integration, and rollback capability.	Open
Ensure there are adequate and qualified resources to support the current deployment processes. This may require support from SI resources to provide assistance and knowledge transfer for some more complex deployment components.	Open
As appropriate, consult with the SI on best practices that BHA could employ to support deployment.	On-going
Request the assistance of the SI's Solution Architect in reviewing and correcting issues associated with the consistency of configurations across environments, ensuring that the test environment is capable of testing ALL functions of any given release without the need for using multiple test environments.	On-going
Request assistance from the SI's Solution Architect in reviewing deployment scripts to double-check for accuracy and completeness before commencing deployment activities.	On-going



Release / Deployment Planning (cont'd)

Recommendations	Status
The Project Team should consider evaluating potential changes to improve/enhance existing processes and communications to address current release/deployment shortfalls.	On-going
IV&V recommends performing a Root Cause Analysis (RCA) in collaboration with SI for the continued concerns surrounding environment differences.	On-going
IV&V recommends updating the Project's Configuration Management Plan to address the current needs of the Project. This should include specific checklists geared at ensuring repeatable promotional processes by DOH.	On-going
Look at implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing and deployment activities are not rushed.	On-going
Ensure an operational and fully functional test environment is available to effectively conduct end-to-end regression testing prior to deploying a release to production.	On-going
Develop a plan to institutionalize the execution of smoke testing for promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly deployed prior to the actual execution of test activities.	On-going

Project Management (cont'd)

;	#	Key Findings	Criticality Rating
2	16	Low Issue: Lack of oversight of the established defect management process could lead to lost/forgotten defects and user frustration and could slow the resolution of similar defects in the future. Finding Update: IV&V will continue to assess the project's adherence to Help Desk and defect management processes. IV&V encourages the project team to proactively capture and address feedback from the field such as issues reported with the Provider portals to support continuous improvement and end-user satisfaction.	L
F	Reco	ommendations	Status
A	\DO	project records the history of a defect's severity in the corresponding ticket's description/notes section in . For example, when a hotfix is deployed to mitigate a defect initially classified as "Critical," the ription/notes section should document that the defect originally had a "Critical" severity rating.	Open
		ed on Best Practices, updating the defect management documentation and having regular refresher training be defect management process.	Open
		I communications to the project stakeholders to clarify the defect management process and the importance gging all defects.	Open
Т	ake	steps to assure current and new users understand how to report and/or log defects.	Open
		sider designating a defect management lead or champion to oversee adherence to the process and assure efects are logged.	Open

Keep stakeholders informed about defect status, priority, impacts, and resolution timelines. This could increase

Open

awareness of the importance of logging defects.

Project Management (cont'd)

Recommendations	Status
Discuss ways to improve the defect logging and management process with the SI and come up with a plan to improve.	Open



Project Management (cont'd)

#	Key Findings	Criticality Rating
47	Medium Issue: The lack of a governance process for restarting production systems can impact service availability and frustrate end-users and hinder accountability.	M
	Finding Update: IV&V is currently reviewing the updated Production System Restart Communication Protocol document, and formulating feedback based on industry best practices.	

Recommendations	Status
Develop standard procedures for system restarts, including pre-checks, step-by-step instructions, and post-restart verifications.	In Progress
Require formal approvals before initiating a restart, especially for INSPIRE, and document all actions in a centralized system.	In Progress
Define clear escalation paths for when restarts do not go as planned, including identifying contacts for technical support and management approval for additional interventions.	Open
Automate Restart Procedures where possible.	Open
The governance process is established, it should be effectively communicated to the project team.	Open
Provide stakeholders with a clear explanation of the reason for the restart and the lessons learned, while documenting the restart details in the defect record.	Open



Resource Management

#	Key Findings	Criticality Rating
	Medium Issue: A shortage of BHA project resources could lead to reduced productivity and project delays.	
34	Finding Update: BHA continues to address its resource constraints by actively recruiting a supervisory role for the project team. Additionally, they are pursuing a Business Analyst position. They are exploring areas around security which could help with monitoring user activity along with PMP and third-party risk assessments. These developments mark progress in building internal capacity, and the team remains focused on enhancing both support and accountability within the project.	M
Rec	ommendations	Status
that adju	sider identifying key security-related activities such as policy development, monitoring, or access oversight could benefit from additional support. This could help provide clarity for discussions regarding the potential stment of existing roles or exploration of alternative solutions. A high-level overview of these activities may at leadership in evaluating and addressing any potential gaps over time.	Open
and	implement a structured knowledge transfer process when key personnel retire, including cross-training documenting critical knowledge in the Dynamics Help Desk system. Regular updates to the knowledge will maintain its accuracy, preserve essential information, and support smooth operational continuity.	Open
Utilizing peer-to-peer knowledge sharing, allowing experienced team members to informally share their expertise during team meetings. Additionally, creating internal documentation that outlines best practices a processes for developing security policies would serve as a self-service resource for the team.		In Progress



Resource Management (cont'd)

Recommendations	Status
DDD and CAMHD have further discussions to optimize resource utilization between the two divisions.	Open
BHA should explore options for offloading project team members' daily responsibilities to other staff.	In Progress
BHA should work quickly to create new positions and receive State approval.	In Progress
BHA should identify tasks and duties that they can ask the SI to assume, as permitted by the contract, which are presently being handled by BHA members.	In Progress
BHA should explore the use of contractors to fulfill the functions for open project positions.	In Progress



Software Development

#	Key Findings	Criticality Rating
14	Medium Issue: Due to multiple quality concerns, the project may continue to face impactful system defects. Finding Update: At the close of this reporting period, one (1) high-severity production defect remains open and is actively being remediated by the project team. Fixes for two high-severity defects were deployed in R4.13. While remediation efforts for existing production defects continue (see Appendix E), resolution of lower-priority issues has been delayed as BHA focuses on higher-priority tasks. The R4.13 went live on 7/30/25. IV&V will continue to monitor key areas, including R4.12 defect resolution, future releases and any Mid-Sprint Deployments (MSDs).	M
Recon	nmendations	Status
	collaboration between divisions to review reported defects, ensuring a shared understanding and ent, particularly regarding the severity and priority of production defects.	Open
	der exploring tools and practices that support continuous code quality improvements that could help to sh quality standards and assure high-quality code that is secure and can be easily maintained.	In Progress
•	roject increases comprehensive testing prior to joint testing to reduce the burden on BHA testers and e post-production defects.	Open
	vendor add a "Found In" column to the daily scrum file to indicate the environment where each defect entified.	In Progress
The SI	vendor provides the total number of defects in production and reports these numbers regularly to BHA.	In Progress
Evalua	ate existing project staff skills and experience levels to ensure they meet BHA support requirements.	In Progress

Project Management (cont'd)

Recommendations	Status
Perform CAMHD revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected.	In Progress
The project monitor implemented improvements for effectiveness.	In Progress
Performing an RCA in collaboration with the SI after all future release deployments for continual quality improvements.	In Progress
BHA and the SI collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality.	In Progress

Software Development

#	Key Findings	Criticality Rating
52	Preliminary Concern: BHA does not currently have a streamlined report to identify active AER analytics users in production. Finding Update: The project team is reviewing the User Request. The plan is to prioritize the User Request during the backlog review meetings. IV&V will monitor the progress of the User Request to completion.	



Software Development

#	#	Key Findings	Criticality Rating
		Low Risk: User activity tracking for viewing records is limited across systems, which may affect transparency and raise potential compliance concerns.	
53	3	Finding Update: Current audit logs in to Microsoft Dynamics show who has created or modified records but lack automated capabilities for threshold flagging. As a result, log reviews must be performed manually, making the process inefficient and limiting the ability to distinguish between legitimate and suspicious access. Additionally, there is currently no mechanism for conducting accurate random audits, which are necessary for compliance with both internal and external standards. The proposed solution involves using Microsoft Purview with Copilot to automate anomaly detection and notify administrators of abnormal access behaviors. Copilot is not included in the current enterprise agreement. Next steps include engaging Microsoft for licensing discussions, consulting with experts on Purview implementation, evaluating funding options, and exploring interim compliance approaches through manual or random checks.	L

Recommendations	Status
Evaluate and prioritize Microsoft Purview through a cost-benefit and feasibility analysis, and initiate discussions with Microsoft to confirm Copilot licensing, integration feasibility, and an implementation roadmap to enhance efficiency and compliance.	Open
Develop and formalize policies and procedures for both automated and manual audit processes, including random audits, to enhance oversight and reduce risks.	Open



Project Management

#	Key Findings	Criticality Rating
	Medium Risk: The expiration of the Tosca automation license resulted in a temporary pause in automated regression testing for the BHA team, affecting testing efficiency and coverage.	
54	Findings Update: The Tosca automation license used by the BHA team had expired, which temporarily paused automated regression testing activities. This created some challenges for the team in maintaining their usual testing cadence and coverage. As a result, the team had to transition to fully manual testing efforts, which, while helpful, may not fully match the efficiency or depth of automated testing.	M

Recommendations	Status
Ensure the Tosca automation license is renewed in advance to avoid disruptions to automated regression testing.	Open
Implement a tracking and notification system for license expiration dates to support timely renewals.	Open
Develop a documented backup plan to manage regression testing coverage through prioritized manual or alternative automated methods during any future tool outages.	Open

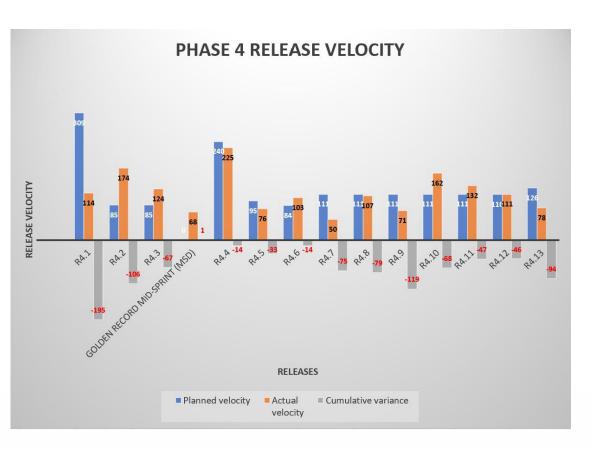
Project Performance Metrics

Metric	Description	IV&V Observations		IV&V Updates							
	 Review and validate the velocity data as reported by the project Verify the project is on pace to hit the total target number of US/USP 		Velocity Metric Trends:								
Velocity		July: R4.13 was deployed to production on 7/30/2025. R4.14 is planned for production	Release	Planned velocity	Actual velocity	Percentage attained					
velocity		deployment on 10/1/2025.	R4.13	126	78	62%					

IV&V Findings & Recommendations Project Performance Metrics

Phase 4 Releases Cumulative Variance

			1
Release	Planned velocity	Actual velocity	Cumulative variance
R4.1	309	114	-195
R4.2	85	174	-106
R4.3	85	124	-67
Golden Record Mid-Sprint (MSD)	0	68	1
R4.4	240	225	-14
R4.5	95	76	-33
R4.6	84	103	-14
R4.7	111	50	-75
R4.8	111	107	-79
R4.9	111	71	-119
R4.10	111	162	-68
R4.11	111	132	-47
R4.12	110	111	-46
R4.13	126	78	-94



Note: The SI has been working on areas not currently reflected in the velocity numbers shown in the table above. Once the SI provides those velocity figures, IV&V can incorporate them into the table.

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Project Performance Metrics (cont'd.)

Metric	Description	IV&V Observations	IV&V Updates
Defect Metrics	 Understand and track the following: Defects by category (bug fixes) USPs assigned to defects in a release vs. USPs assigned to planned US in a release 	 July – Velocity was estimated at 126 USPs for R4.13, 78 USPs were promoted to production on 7/30/25. 11 of the 78 USPs were for defect fixing. *86% of the USPs were associated with user stories and requests. *14% of the total USPs were associated with defects encountered during the release effort or pulled from the defect backlog. 	The defect percentage for July was 14%* which is under the target range of 20% or less of all USPs promoted to production

Note*: This defect percentage does not include defects under warranty that are assigned zero (0) User Story Points.

Appendix A: IV&V Rating Scales

Appendix AIV&V Rating Scales

This appendix provides the details of each finding and recommendation identified by IV&V. Project stakeholders are encouraged to review the findings and recommendations log details as needed.

- See Findings and Recommendations Log (provided under separate cover)
- IV&V Assessment Category Rating Definitions

The assessment category is under control and the current scope can be delivered within the current schedule.

The assessment category's risks and issues have been identified, and mitigation activities are effective. The overall impact of risk and issues is minimal.

The assessment category is proceeding according to plan (< 30 days late).

The assessment category is under control but also actively addressing resource, schedule or scope challenges that have arisen. There is a clear plan to get back on track.

The assessment category's risk and/or issues have been identified, and further mitigation is required to facilitate forward progress. The known impact of potential risks and known issues are likely to jeopardize the assessment category.

Schedule issues are emerging (> 30 days but < 60 days late).

Project leadership attention is required to ensure the assessment category is under control.

The assessment category is not under control as there are serious problems with resources, schedule, or scope. A plan to get back on track is needed.

The assessment category's risks and issues pose significant challenges and require immediate mitigation and/or escalation. The project's ability to complete critical tasks and/or meet the project's objectives is compromised and is preventing the project from progressing forward.

Significant schedule issues exist (> 60 days late). Milestone and task completion dates will need to be re-planned. Executive management and/or project sponsorship attention is required to bring the assessment category under control.



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Appendix A

Finding Criticality Ratings

Criticality Rating	Definition
B	A high rating is assigned if there is a possibility of substantial impact to product quality, scope, cost, or schedule. A major disruption is likely, and the consequences would be unacceptable. A different approach is required. Mitigation strategies should be evaluated and acted upon immediately.
M	A medium rating is assigned if there is a possibility of moderate impact to product quality, scope, cost, or schedule. Some disruption is likely, and a different approach may be required. Mitigation strategies should be implemented as soon as feasible.
L	A low rating is assigned if there is a possibility of slight impact to product quality, scope, cost, or schedule. Minimal disruption is likely, and some oversight is most likely needed to ensure that the risk remains low. Mitigation strategies should be considered for implementation when possible.



Appendix B

Inputs

This appendix identifies the artifacts and activities that serve as the basis for the IV&V observations.

Meetings attended during the July 2025 reporting period:

- 1. Daily Scrum Meetings
- 2. Daily Design Meetings
- 3. Twice-Weekly Project Issues Meetings
- 4. Weekly BHA-ITS Program Status Meeting
- 5. Bi-Weekly Check-in: CAMHD
- 6. Bi-Weekly Check-in: DDD
- 7. BHA (CAMHD & DDD) IV&V Joint Meeting
- 8. IV&V Draft IV&V Status Review Meeting with DOH
- 9. DOH BHA IT Solution Project Steering Committee

Eclipse IV&V® Base Standards and Checklists

Artifacts reviewed during the July 2025 reporting period:

- 1. Daily Scrum Notes
- 2. Twice Weekly Issues Meeting Notes
- 3. Weekly BHA-ITS Program Status Report
- 4. Release 4.7 Release Notes





Appendix C: Project Trends

Appendix C Project Trends

	October	November	December	January	February		April	May	June	
User Story Validation										
Test Practice Validation_										
Sprint Planning Release /										
Deployme nt Planning										
OJT and KT Sessions										
Targeted KT Project										
Performan ce Metrics										
Organizati onal Maturity Metrics										
General Project Manageme nt										
Resource Manageme nt										
Total Open Findings Issue -	14	14	14	14	11	10	9	10	10	10
high	0	0	0	0	0	0	0	0	0	0
Issue - medium	10	10	10	10	7	9	7	7	7	7
Issue - Iow_	1	1	1	1	3	0	0	0	0	0
Risk - high	0	0	0	0	0	0	0	0	0	0
Risk - medium_	2	2	2	2	1	1	1	0	0	0
Risk - low	0	0	0	0	0	0	1	1	1	1
Preliminar y Concern	2	2	2	2	0	0	0	1	2	2



Appendix D Acronyms and Definitions

Acronyms	Definition
DOH	Department of Health
ВНА	Behavioral Health Services Administration
CAMHD	Child & Adolescent Mental Health Division
FHIR	Fast Healthcare Interoperability Resources
DDI	Design Development Implementation
DDD	Developmental Disabilities Division
SI	System Integrator
USP	User Story Points
SME	Subject Matter Expert
SIT	System Integration Testing
MS	Microsoft
MSD	Mid Sprint Deployment
ADO	Azure DevOps
SLA	Service Level Agreement
RCA	Root Cause Analysis
UAT	User acceptance testing
OJT	On-the-Job Training
KT	Knowledge Transition
SFTP	Secure File Transfer Protocol
IV&V	Independent Verification and Validation
MQD	Med-QUEST Division
CMS	Centers for Medicare & Medicaid Services
AER	Adverse Events Report



Appendix E List of Production Defects

	Bug - Calculator 3.0 - Users able to schedule service past							
DDD	ISP end date again	Pending Approval	3	3 - Medium	PROD	5/17/2023 8:2:	2	
	Bug - Individual Budget unlinking from Service							
DDD	Authorizations	New	2	3 - Medium	PROD	7/27/2023 15:4)	
CAMHD	BUG - Assessment Entity Initial Save Time - IMHE	Evaluated_On Hold	2	3 - Medium	Prod	8/17/2023 2:3	3	
	Bug - Case Merge - Contact Notes not merging;							
DDD	Permissions error	New	3	3 - Medium	PROD	8/17/2023 8:44	1	
	CAMHD Bug - Credentialing documents not copied into							
CAMHD	PROD during Data Migration	Completed in QA_Test	3	3 - Medium	PROD	2/16/2021 15:4	5	
DDD	Portal signature fields do not accept touchscreen input	Evaluated_On Hold	2	3 - Medium	PROD	9/17/2021 9:0	7	
DDD	DDD - Plan Services with no Provider Plan	Active	2	3 - Medium	PROD	6/24/2024 9:00	6	
	Bug: "Progress Notes Associated to Invoices" page not							
CAMHD	loading	New	3	3 - Medium	PROD	3/31/2023 17:1:	1	
DDD	DDD - Calculator not printing correctly	Pending Approval	2	3 - Medium	PROD	7/26/2024 8:30	6	
DDD	DDD - Calculator problem with paid base and add on	New	2	3 - Medium	PROD	9/26/2024 9:19	9	
	DDD - TCM batch file date is different in PROD from other							
DDD	environments	Pending Approval	2	3 - Medium	PROD	1/29/2025 8:2	5	
	DDD - Incorrect Columns displaying on Provider Plan							
DDD	subgrid (Action Plan tab of ISP)	Evaluated_On Hold	1	3 - Medium	PROD	2/5/2025 5:3	7	
	DDD - CIT Referral: Create Document Location Flow	Pacific Cada Parian		2. Madium	DROD	2/10/2025 0:20	Design Evers	family:Consolas, "Courier New", monospace;background- color:rgb(255, 255, 254);display:inline !important;">'CIT Referral and Recommendations'for the Customer existed. If for whatever reason it didn't exist, it was no set up to account for that. tyle="color:#000000;background color:#fffffe;font-family:Consolas, 'Courier New', monospace;font- weightnormal;"> *Cyliv>
								weight.hormat, > bi>
טטט	DDD - ISP Report Generation Issues	New	2	3 - Medium	PROD	2/10/2025 10:00	0	
	DDD - AER entry error when Provider tried to submit the AER DDD - ABAS Scores not populating correctly on Case	New	2	3 - Medium	PROD	4/16/2025 5:29	Э	
DDD	Summary when record is deactivated	Completed in QA_Test	1	3 - Medium	PROD	5/6/2025 8:3	1	
DDD	AER - OCB supervisor not receiving AER notification emails	Pending Approval	2	3 - Medium	PROD	6/9/2025 10:50)	
	CAMHD - Provider Portal Diagnosis downloads does not							<div>Current process times out after 3.8 minutes causing errors seen above (*POST error). For Providers who work with large number of Customers, t amount of diagnosis records that are returned by the query can take a long tim to process. We've seen anywhere from 2.5 - 3k Diagnosis records be near the upper limit to push us over 3.8 minutes. When investigating it was notic that the code is making numerous API calls per record to get things such as optionset values and what not. These can be made once and stored to</div>
	DDD CAMHD DDD CAMHD DDD DDD DDD DDD DDD DDD DDD DDD DDD	CAMHD BUG - Assessment Entity Initial Save Time - IMHE Bug - Case Merge - Contact Notes not merging; DDD Permissions error CAMHD Bug - Credentialing documents not copied into CAMHD PROD during Data Migration DDD Portal signature fields do not accept touchscreen input DDD DDD - Plan Services with no Provider Plan Bug: "Progress Notes Associated to Invoices" page not CAMHD loading DDD DDD - Calculator not printing correctly DDD DDD - Calculator problem with paid base and add on DDD - TCM batch file date is different in PROD from other environments DDD - Incorrect Columns displaying on Provider Plan subgrid (Action Plan tab of ISP) DDD - CIT Referral: Create Document Location Flow Failures DDD DDD - LSP Report Generation Issues DDD DDD - ABAS Scores not populating correctly on Case DDD - ABAS Scores not populating correctly on Case DDD Summary when record is deactivated	DDD Authorizations New CAMHD BUG - Assessment Entity Initial Save Time - IMHE Bug - Case Merge - Contact Notes not merging; DDD Permissions error New CAMHD Bug - Credentialing documents not copied into CAMHD PROD during Data Migration Completed in QA_Test DDD DDD - Portal signature fields do not accept touchscreen input DDD DDD - Plan Services with no Provider Plan Active Bug: "Progress Notes Associated to Invoices" page not CAMHD loading New DDD DDD - Calculator not printing correctly Pending Approval DDD DDD - Calculator problem with paid base and add on New DDD - TCM batch file date is different in PROD from other environments DDD - Incorrect Columns displaying on Provider Plan subgrid (Action Plan tab of ISP) DDD - CIT Referral: Create Document Location Flow Failures Ready for Code Review DDD DDD - AER entry error when Provider tried to submit the AER DDD - ABAS Scores not populating correctly on Case DDD Summary when record is deactivated Completed in QA_Test	DDD Authorizations New 2 CAMHD BUG - Assessment Entity Initial Save Time - IMHE Evaluated_On Hold 2 Bug - Case Merge - Contact Notes not merging; DDD Permissions error New 3 CAMHD Bug - Credentialing documents not copied into CAMHD PROD during Data Migration Completed in QA_Test 3 DDD DDD - Portal signature fields do not accept touchscreen input Evaluated_On Hold 2 Bug: "Progress Notes Associated to Invoices" page not CAMHD loading New 3 DDD DDD - Calculator not printing correctly Pending Approval 2 DDD - DDD - Calculator problem with paid base and add on New 2 DDD - TCM batch file date is different in PROD from other environments Pending Approval 2 DDD - Incorrect Columns displaying on Provider Plan subgrid (Action Plan tab of ISP) Evaluated_On Hold 1 DDD - CIT Referral: Create Document Location Flow Failures Ready for Code Review 2 DDD - DDD - SP Report Generation Issues New 2 DDD - ABAS Scores not populating correctly on Case DDD Summary when record is deactivated Completed in QA_Test 1	DDD Authorizations CAMHD BUG - Assessment Entity Initial Save Time - IMHE BUG - Case Merge - Contact Notes not merging; DDD Permissions error CAMHD Bug - Credentialing documents not copied into CAMHD PROD during Data Migration DDD Portal signature fields do not accept touchscreen input DDD DDD - Plan Services with no Provider Plan Bug: "Progress Notes Associated to Invoices" page not CAMHD loading DDD DDD - Calculator not printing correctly DDD DDD - Calculator problem with paid base and add on DDD - TCM batch file date is different in PROD from other environments DDD - Incorrect Columns displaying on Provider Plan subgrid (Action Plan tab of ISP) DDD - CIT Referral: Create Document Location Flow PDD DDD - CIT Referral: Create Document Location Flow DDD DDD - AER entry error when Provider tried to submit the AER DDD DDD - ABAS Scores not populating correctly to Case DDD - ABAS Scores not populating correctly on Case DDD Summary when record is deactivated Cambed In Auditor 2 3 - Medium	DDD Authorizations	DDD Authorizations	DDD Authorizations





Solutions that Matter

ID Short Description	Finding Statement	Analysis and Significance	Recommendation	Finding Update	Category	Туре	Priority	Status	Closure Reason	Closed Date	Identified Date	Owner	
2 Regression testing	The lack of comprehensive automated regression testing has likely led to post-production defect causing user frustration.	8.3 introduced a defect that deprecated features in production specific to integrated Support and Lifs Tragetory functionality. Dolls informed IVAS Vist there are other camaples of s, functionality being deprecated after a release, some of which are still being investigated. As on this report, IVAS has not evaluated the project's root cause analysis (IRCA) process used to determine why such functionality was deprecated but will discuss further with BHA in January 2020. Thorough vetting and validation of regression test cases are necessary to prevent defects when a release is puthed live. When defects occur in production, the project should follow a	align on a unified resource allocation strategy. Given the limited waitability of recourse, open communication and consensus-building are essential for optimizing tester cutilization. By collaborating to prioritize testing efforts, share critical test cases, and identify overlapping areas, the divisions can achieve comprehensive regression testing without overburdening a single resource. This collaborative approach will balance workloads, foresamiler processes, and enhance	production. The Tosca Automation Regression Testing SME is ready to resume automated test scenario development as soon as licensing, is restored. At IV&V's request, the SI has also begun detailed end-to-end flow recordings to validate DDD key processes, with completion by month-end. 6/30/25 - Regression testing for Release 4.13 is on track for 7/21/20/5 to 7/29/2025 and is expected to incorporate manual and	Test Practice Validation	Issue	Medium	Open			12/31/2019	Gautam Gulvady	
		defined and repeatable process for determining the root cause of the problem.	test coverage, minimizing delays and bottlenecks. Ultimately, it will enable both divisions to efficiently meet their testing objectives. 2. A balanced approach that combines manual and automated regression testing to ensure broad test coverage and flexibility. 3. Having board(s) in Azure DevOps or a document on SharePoint that provides information about the status or gregation testing automation, to facilitate visibility and transparency to BHA project personnel and stakeholders.	automated testing. The Tosca Automated Regression Testing SME is progressing with the automation of DOD test scenarios per the timeline. This left of is intended to reduce manual testing flort, enhance test reliability, and establish is more unified and scalable test framework. To support the accuracy and effectiveness of the automation effort, end-to-end flow recordings of each DOD module have been requested to help with business logic implementation, with particular emphasis on complex, role-based workflows. \$5/31/25 - Regression testing was successfully executed from \$1/9/2025 to \$7/8/2025, PCG's Phase 1 analysis of DOD's test infrastructure has Entitlated its selection of a hybrid approach centered on creating automated regression tests. The Tosca Automated Regression Testing SME is streamlining the DOD tests to integrate with CAMHO tests, an effort expected to reduce manual testing time, improve test reliability, and provide a unified framework.									
			A IV8V recommends reevaluating the schedule priorities by distributing the work according to the resource bandwidth. This will ensure that the schedule is not impacted and that the work is done efficiently between regression testing and Golden Record (GR). 5. Pursue and complete additional formal training in Azure DevOps and Tricents for test automation as soon and complete efforts to automate the two ormans verses when the schedule is automated to the voir many repression test scripts.	4/30/25 - R4.11 Regression testing was successfully executed from 3/25/2025 to 4/2/2025. CAMHID executed both manual and automated tests, while DOD carried out manual regression testing with the project onbourded of zooca Automated Regression Testing SME. The overall approach for automated regression testing will be finalized by the end of April 2025, with execution continuing through May 2025. The MSPRIET project will have an updated suite of automated test scripts, along with knowledge transfer and training for the identified DDD staff. 3/31/25-The SI has updated the AER regression test scripts. Regression testing for R4.11 began on 3/25/25 and is scheduled for completion by 4/2/25. For this release, CAMHID will perform both manual and automated testins, while DDD will primarily focus on manual									
			6. IV&V recommends DDD and CAMHD to develop a common and	Competition by My 2/2-2 For its meressel, eventure was pleased instrument and under the state of									
14 Code quality	Due to multiple quality concerns, the project may continue to face impactful system defects.	System detects identified in August that affected claims were due to multi-facted quality susses were individually addressed during this reporting period. IVBV notes that there is one remaining offects still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue Neutrialty Testing to ensure expected revenue streams are largely unchanged from one period to the ensure. Conducting System Integration Testing Version and Conducting System Integration Testing. Performance Testing, and Regression Testing for Release 3.10. IVBV will continue to monitor the testing efforts throughout the balance of Release 3.10 and validate	INWA 'recommends: 1. Closer collaboration between divisions to review reported defects, ensuring a shared understanding and alignment, particularly regarding the severity and priority of production defects. 2. Consider exploring tools and practices that support continuous code quality improvements that could help to establish quality standards	7/31/25. At the close of this reporting period, one (1) high-severity production defect remains open and is actively being remediated by the project team. Fixes for two high-severity defects were deployed in R4.13. While remediation efforts for existing production defects continue (see Appendix E), resolution of lower-priority sixes has been delayed as BHA focuses on higher-priority tasks. The R4.13 went live on 7/30/25. VRAV will continue to monitor key areas, including R4.12 defect resolution, future releases and any Mild-Sprint Deployments (MSD). 6/30/25 - Since the R4.12 deployment to production on 5/29/2025, users have reported five (5) production defects (two (2) high severity and three (3) medium severity) which the project team is actively remediating. While remediation of existing production defects (see	Software Developme	nt Issue	Medium	Open			9/30/2020	Gautam Gulvady	
		that enhanced quality processes, including industry standard regression testing, continue for Agile Release 3.11 forward. Finally, VBXY reviewed and provided feedback on the Help Desk and Semantic Layer design documents per request and found that both documents backed design details. The identified quality issues have negatively affected DOH billing processes and DOH has stated these are the most impactful defects discovered to date.	3. The project increases comprehensive testing prior to joint testing to reduce the burden on BHA testers and reduce post-production defects. 4. The 51 vendor add a "Found in" column to the daily scrum file to indicate the environment where each defect was identified.	continue to monitor key areas, including R4.12 defect resolution, FHIR implementation, any Mid-Sprint Deployments (MSDs), and progress									
			5. The SI vendor provides the total number of defects in production and reports these numbers regularly to BHA. 6. The project evaluate existing project staff skills and experience level to ensure they meet BHA support requirements. 7. The project perform CAMHD revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected.	A/30/25 - R4.11 was successfully deployed on 4/3/2025, with Smoke Testing successfully completed on 4/4/25. A Mid-Sprint Deployment (MSD) was also performed on 4/8/25, which included four (4) User Stories. The successfully completed on 4/8/25, and 1/8/25, which included four (4) User Stories. One of the two previously reported high severily defects was resolved and deployed with R4.11. The second issue appeared to be related to a Microsoft service error and was resolved on 4/8/25, when Microsoft performed a rolliback. Additional unresolved production defects have been identified following the R4.11 deployment, and the project team is currently working to confirm the number of new defects. The project team continues to address other outstanding production defects (see Appendix E for details), BHA is currently prioritizing higher-servicity saks, which have delegated the the resolution of lower-priority issues; however, mentalized refors remain ongoing, IV&V will closely monitor R4.11, FHR implementation, any Mid-Sprint Deployments (MSDs), and the AER solution.									
			8. The project assign dedicated resources to provide oversight of CAMHO Facal Processes. 9. The project monitor implemented improvements for effectiveness. 10. Performing an RCA in collaboration with the SI after all future release degloyments for continual quality improvement.	3/31/25 - The AER solution is in production. The project team closely monitored the solution to ensure stability, quickly resolve issues, and help users adjust to the new system (latio known as Hypercaree); Hypercare ended on 3/21/25 and the project is prioritizing the product backlog. The AER team worked eligilizarity to close all defects reported during Hypercare. The AER solution's progress is being discussed in regular meetings between key stakeholders. Since the deployment of R4.10 co. 12/67, but project has identified additional unresolved production defects, including 1 high-severity defect, in Azure DevOps (ADD) (see Appendix E for details). BHA is prioritizing higher-priority tasks, which has delayed the resolution of these lower-priority issues, although remediation efforts are underway.									
Limited 8HA resources	Shortage of Behavioral Head Administration (IR4) project resources could fead to reduced productivity and project delays.	key BHA project resources have reported constraints on how much time they can devote to he project. The departure of the Child and Adolescent Mental Health Division (CAMHI) System Management Office Manager and CAMHI Dispire Project tead could further impact the project (ToOI cannot acquire suitable resources. The lake of apacity of the ODH test script developer has slowed DDH's automated test script developement. If BHA is unable foully staff the project and their existing resources continue to be constrained, the project could experience a reduction in productivity and project delays.	IMM recommends: 1. Consider identifying lev security-related activities such as policy development, monitoring, or access oversight that could benefit from additional support. This could help provide clarity for discussions regarding the potential adjustment of existing rolles or exploration of atternative solutions. A high-level overwiew of these activities may assist leadership in evaluating and addressing any potential gaps over time. 2. BHA implement a structured knowledge transfer process when key personnel retire, including cross-training and documenting critical knowledge in the Oynamics Help Desk ystem. Regular updates to the knowledge base will maintain its accuracy, preserve essential information, and support smooth operational continuity.	2/31/25. BMX continues to address its resource constraints by actively recruiting a supervisory role for the project team. Additionally, they are pursuing a Business Analys bootion. They are replicing areas around executive which could help with monitoring user activity along with PMP and third-party risk assessments. These developments mask progress in building internal capacity, and the team remains focused on enhancing both support and accountability within the project. 6/30/25- BMX continues to face onegoing resource constraints. The project has identified cybensecurity work that would benefit from support by individuals with a relevant background. The project has preactively identified tasks such as drafting security policies, reviewing procedures, and implementing perotocia and security monitoring as functions that are currently handed despoide regular workfoods. These tasks could be strengthened by the involvement of resources with a cybensecurity background. While external teams, such as Enterprise Technology Services (175) and the health information Systems Office (1650), provide valualise support, there is currently no controlled ownership or accountability for cybensecurity within the project team. BMA is implementing protocy currently no certifical project activities.	Resource Management	Issue	Medium	Open			8/18/2023	Michael Fors	
			Utilizing peer-to-peer knowledge sharing, allowing experienced team members to informally share their expertise during team meetings. Additionally, creating internal documentation that outlines best practices and processes for developing security policies would serve as a self-service resource for the team.	5/31/25 - BHA is currently facing resource challenges in security monitoring, including limited staff for managing security tasks, no dedicated person to review audit logs, and a lack of tools for efficient log analysis. To address those issues, the team is exploring several options, such as engaging a cybersecurity consultant and requesting additional funding for security support. In the short term, they are also exploring the incorporation of cybersecurity tasks into existing administrative roles. 4/30/25 -To address a few of the resource challenges the project has faced, in early April 2025, DDO onboarded a Tosca Automated									
			4. DDD and CAMHD have further discussions to optimize resource utilization between the two divisions. 5. BHA should explore options for offloading project team members' daily responsibilities to other staff.	Regression Testing Subject Matter Expert (SME). To support a successful onboarding, DOD provided system demos, training materials, and facilitated collaboration with the CAMHD and SI team. Internal DDD resources have been identified for knowledge transfer related to regression testing. This will enable an effective transition for maintaining the automated testing suite. Additionally, CAMHD and DDD are actively working to identify and secure resources to support the Business Analyst roles.									
			BHA should work quickly to create new positions and receive State approval. BHA should identify tasks and duties that they can ask the SI to assume, as permitted by the contract, which are presently being handled by BHA members.	3/31/25- 8HA is actively documenting knowledge to manage staff transitions and reduce resource strain. The team is creating knowledge transfer articles to explain key inchanges is converting issues into clear, documented articles, as informal communication (remails, calls, or ad hoc discussions) can bypass the help desk system. To improve consistency and visibility, BHA is working to ensure all relevant issues are properly logged as help desk cases when appropriate. To further address the resourcing challenge, DOD will be orbitaording a? Josca Automated Regression Testing Subject Matter Expert (SMF) in early April 2025 to improve cross-training and support. The kitcheff meeting took place on 3/17/25. As part of this project, PGC-will work with DOD to identify the resources and processes for the orgoging maintenance of regression testing crystins, Additionally, training will be scheduled in May 2025.									

ID S	hort Description	Finding Statement	Analysis and Significance	Recommendation	Finding Update	Category	Туре	Priority	Status	Closure Reason	Closed Date	Identified Date	Owner	
39 D	eployment process.	Due to on-going deployment	Several post-production bugs have been encountered in the Phase 4 release, R4.4.	The project team is recommended to develop and document a	7/31/25 - The R4.13 went live on 7/30/25. As of this reporting period, one (1) high-severity production defect remains unresolved.	Release/Deployment	Issue	Low	Open				Gautam Gulvady	
		processes and technical execution	Regarding the bug, "Human Services Research Institute (HSRI) flow is failing in production"	formal Root Cause Analysis (RCA) protocol that includes defined	Although this finding is focused on deployments, the continued absence of defined root cause analysis (RCA) protocols including criteria	Planning								
		issues, the Project may continue to encounter defects and challenges,	https://dev.azure.com/DOHBHA/DOH%20BHA%20INSPIRE/ workitems/edit/34RR6) what is in		such as defect severity, recurrence, and business impact reflects a broader and ongoing gap across the project. The project team has acknowledged this deficiency and is prioritizing RCA processes for certain calculator defects. The presence of multiple high-severity									
		e.g., when releases are in production	development and deployed is vastly different from what was deployed to production.	also establish clear roles and responsibilities for conducting RCAs and	defects highlights the importance of proactively implementing a formal RCA framework to prevent recurrence, ensure consistent									
		or in meeting projected timelines for production and non-production	The root cause for these errors is currently being investigated.	reviewing outcomes, along with setting timeframes for completing RCAs following defect identification or release. Additionally.	remediation, and reduce long-term risk exposure. IV&V will continue to monitor deployment quality across releases and Mid-Sprint Deployments (MSDs), with particular attention to emerging defect trends and the project's responsiveness to systemic issues.									
		deployments.	The root cause for these errors is currently being investigated.	incorporating standardized templates or tools for documenting RCA	Deployments (MSDs), with particular attention to emerging derect trends and the project's responsiveness to systemic issues.									
			Repeatable documented release and deployment and resources experienced with	findings and associated corrective actions, as well as implementing a	6/30/25 - A Mid-sprint deployment (MSD) with two (2) defect fixes was successfully deployed on 6/28/2025. IV&V has not yet received									
			deployments will help ensure that mistakes are minimized and that functionality is not mistakenly deprecated when deployments take place.	tracking mechanism to ensure those actions are carried out and monitored for effectiveness, will strengthen the process. Formalizing	documentation of a formalized Root Cause Analysis (RCA) process, including for deployment-related issues. The project team has acknowledged the importance of RCA. While this finding highlights deployments, the absence of defined RCA protocols and criteria such									
			inistakeniy deprecated when deployments take place.		as severity, recurrence, or business impact of defects extends across the broader project. The project team has acknowledged these gaps,									
				improve visibility into root causes, and support long-term defect	they have indicated that efforts to address them are still evolving, and they may consider prioritizing RCA efforts at a later date once									
				reduction across future releases, including those related to FHIR, MSDs. and AER.	higher priority functionality has been implemented. Establishing this framework could help ensure consistent application, support effective remediation of recurring issues, and reduce long-term risk. IV&V will continue to monitor deployment quality across R4.12, FHIR,									
				Missis, and racin	Mid-Sprint Deployments (MSDs), and the AER solution for any emerging defect trends.									
				2. Implement a streamlined Root Cause Analysis (RCA) process to	5/31/25 - R4.12 was successfully deployed to production on 5/29/2025. However, there was a misunderstanding about whether one of the									
				identify deployment causes and prevent recurrence. To manage resource constraints, consider timeboxing RCA efforts—e.g., 1–2 hours	3/31/25 - R4.12 was successfully deployed to production on 5/29/2025. However, there was a misunderstanding about whether one of the items on the deploy list was actually deployed. IV&V is having discussions with the deployment team on how the process can be improved.									
				per defect or a set number of hours weekly. Within this timeframe,	to avoid such misunderstandings from recurring. While the project team reports that a Root Cause Analysis (RCA) process exists, IV&V has									
				focus on gathering context, analyzing causes, and proposing corrective	not received documentation of a formalized process. Additionally, formal protocols and defined criteria for initiating RCAs have not yet been established. Specifically, there is no documented guidance outlining the triggers, thresholds, or conditions under which an RCA is									
				actions. Project Pivis can track triese actions to ensure follow-through.	required (e.g., severity, recurrence, or business impact of defects). This gap limits the consistent and effective application of RCA practices,									
				3. The Project should consider automating deployments for resource	reducing their utility in addressing and preventing recurring production issues. IV&V encourages timely adoption of these practices to									
				savings, increased efficiency, consistency, faster time to market, improved collaboration and reliability, scalability, version control	support long-term quality improvement and will continue monitoring deployment quality across R4.12, FHIR, MSDs, and the AER solution for any related defect trends.									
				integration, and rollback capability.										
					4/30/25 - R4.11 was successfully deployed on 4/3/2025, with Smoke Testing successfully completed on 4/4/25. A Mid-Sprint Deployment									
				Ensure there are adequate and qualified resources to support the c3urrent deployment processes. This may require the support from	(MSD) was also conducted on 4/18/25, which included four (4) User Stories. One earlier high-severity defect was traced to a Microsoft service error and was resolved on 4/18/25. A second high-severity issue was later identified as deployment-related. While an RCA was									
				RSM resources to provide assistance and knowledge transfer for some	documented and shared via email, the issue was not logged in Azure DevOps (ADO) as per standard procedures and was instead tracked									
				of the more complex deployment components.	informally. Additional unresolved production defects have been identified following the R4.11 deployment, and the project team is							1/05/0004 The F		
40 L	mited testing	Limited testing processes can lead to	There is a limited understanding of the testing processes and the roles and responsibilities of	IV&V recommends enhancing the testing scripts across testing	currently working to confirm the number of new defects. Root Cause Analyses (RCAs) are not currently being consistently documented for 7/31/25 - While regression testing for Release 4.13 was executed successfully as scheduled (7/21/2025 – 7/29/2025), the continued	Test Practice	Issue	Medium	Open			1/25/2024 - The F	Gautam Gulvady	
"		poor-quality software, project delays	those involved in the process. There is no formal process for the development, review, and	overall to better align with high-risk and business-critical workflows. As	reliance on manual testing, especially during Tosca license renewal, underscores broader limitations in test coverage and execution	Validation						-,,	,	
		and extended user acceptance	approval of test scenarios, test cases, and test results to ensure adequate participation and	part of this effort, it may be helpful to review recent production	efficiency. Current practices may not fully exercise high-risk workflows or capture edge-case conditions, increasing the potential for undetected defects to reach production. IV&V encourages BHA to enhance its overall testing strategy to improve both the breadth and									
		testing.	When testing user stories 34564 and 34756 on 1/31/24, the test tasks did not reflect the real		depth of test coverage, with a focus on critical business scenarios and high-impact functional paths.									
			use cases to give stakeholders adequate confidence that the user story could be tested. As a		6/30/25 -									
			result, time was expended by testing resources, testing was inadequate, and a user story may have been deemed to meet functionality when it did not.		Since the R4.12 deployment to production on 5/29/2025, users have reported five (5) production defects (two (2) high severity and three (3) medium severity) which the project team is actively remediating. This underscores the risk associated with insufficient test coverage									
			have been deemed to meet functionality when it did not.	hidden defects, improve system robustness, and reduce the likelihood	across business-critical workflows. Regression testing for R4.13 is scheduled for 7/21/2025 to 7/29/2025 and is expected to include both									
				of post-deployment issues.	manual and automated testing. The Tosca Automated Regression Testing SME continues to automate DDD test scenarios an important									
				As part of this effort, it may be helpful to review recent production	step toward improving test reliability and reducing manual effort. However, overall test coverage remains limited. Without broader and more comprehensive testing, the risk of post-deployment issues remains elevated. Expanding the scope and depth of testing particularly									
				defects to identify areas where test coverage could be improved.	across high-risk and business-critical workflows, is essential to ensure system stability and reduce defect recurrence in future releases.									
				Expanding smoke test scenarios to include key functional paths with a	5/31/25 - R4.12 was deployed to production on 5/29/2025, followed by successful smoke testing on 5/30/2025. However, users subsequently									
				history of defects, along with exploring opportunities for automation, can contribute to more efficient and consistent post-deployment	R4.12 was deployed to production on 5/29/2025, followed by successful smoke testing on 5/30/2025. However, users subsequently reported three production defects that were expected to have been identified during smoke testing. R4.12 regression testing was									
				validation. These enhancements are intended to support stronger	conducted from 5/19/2025 to 5/28/2025 and completed successfully. CAMHD and DDD focused on manual regression testing.									
				release readiness and help minimize the risk of post-deployment	Additionally, the Tosca automation expert is reviewing current functionality to identify optimization opportunities and is developing recommendations and effort estimates to enhance the automated regression testing framework. The project team continues to work on									
				issues.	resolving outstanding production defects (see Appendix E). IV&V will continue to monitor key areas, including R4.12, FHIR									
				2. Make efforts to implement a streamlined Root Cause Analysis (RCA)	implementation, any Mid-Sprint Deployments (MSDs), and the AER solution for quality issues.									
				process to identify the causes of defects and prevent recurrence. Due to project resource constraints, propose timeboxing RCA efforts for	4/30/25 - R4.11 was successfully deployed on 4/3/2025, with Smoke Testing successfully completed on 4/4/25. A Mid-Sprint Deployment									
				each defect introduced into production. Timeboxing involves	(MSD) was also performed on 4/18/25, which included four (4) User Stories. Additional unresolved production defects have been									
				allocating a fixed period (e.g., 1-2 hours per defect or a set number of	identified following the R4.11 deployment, and the project team is currently working to confirm the number of new defects. The project team continues to address other outstanding production defects (see Appendix E for details). The project team has enhanced smoke test									
				hours per week) for focused Root Cause Analysis (RCA) activities. These activities may include quickly gathering defect context,	scripts to provide more comprehensive coverage, including functionality such as the Provider Portal. To further strengthen quality									
				analyzing potential causes, and proposing corrective actions, all within	assurance, the project onboarded a Tosca automated regression testing expert in early April 2025, with work scheduled to begin shortly									
				the specified timeframe. Project PM(s) can oversee the tracking of corrective actions to ensure completion.	thereafter. This regression testing effort is expected to span April and May 2025. The expert will focus on repairing existing Tosca scripts and reinitiating automated testing efforts.									
				corrective actions to ensure completion.	and reminating automated testing errorts.									
				3. IV&V recommends that, after fixing a defect, the SI incorporate	3/31/25 - The AER solution is in production. The project team closely monitored the solution to ensure stability, quickly resolve issues,									
41 B	acklog meetings	The absence of separate dedicated	Currently, product backlog reviews are done during design meetings and/or weekly issues	relevant test cases to validate these fixes in subsequent releases.	and help users adjust to the new system (also known as Hypercare); Hypercare ended on 3/21/25 and the project is prioritizing the 7/31/25 - BHA has identified a bottleneck in backlog processing, primarily due to a single team member managing the review, estimation,	Sprint Planning	Risk	Low	Open			1/26/2024	Gautam Gulvady	
		product backlog review meetings	meetings. This can lead to, e.g., scattered focus, limited stakeholder engagement, difficulty in		and assignment of tasks. While backlog items are prioritized, some from the current release cycle have been carried over, indicating a				1					
		can lead to unclear priorities, misalignment with stakeholders,	managing complexity, and delayed decision making. A product backlog review is an essential part of agile project management, particularly in	practice over time, as they provide tangible value in sustaining project velocity and reducing rework.	need for additional support in this area. The BHA team is actively working to streamline the process by identifying synergies across backlog items and refining the distribution of responsibilities to enhance efficiency and throughput.									
		inadequate refinement, and	Scrum. It's a collaborative meeting where the Scrum team, including the Product Owner,											
		increased risk of scope creep.	Scrum Master, and development team members, inspect and adapt the product backlog.	2. CAMHD and DDD implement a structured feedback management	6/30/25 - BHA is actively committed to managing its backlog effectively, focusing on aligning development efforts closely with business									
			The product backlog review is an important Scrum ceremony that helps keep the backlog		priorities. The product owner of DDD works closely with team members to understand business needs and prioritize user stories. Requests come from business leads and are then translated into development tasks. There are challenges with visibility into available user story									
			relevant, up-to-date, and aligned with the project's goals and priorities. Here's a summary of	added to the backlog.	points and the assignment of work across internal and external resources, which may make it difficult to accurately assess the capacity of									
			what typically happens during a product backlog review:	2.5	the team and effectively assign work. Prioritization is based on business needs rather than just story points, with an effort to group related									
			Inspecting Backlog Items: The team reviews the items on the product backlog. This involves	 Separate dedicated product backlog review meetings (during sprints) would allow clarifying any ambiguities or uncertainties, re- 	tasks for improved efficiency. CAMHD's backlog meetings are held monthly. Overall, there is room for improvement in planning and coordination to optimize the use of available capacity.									
			discussing each item, understanding its priority, value, and acceptance criteria.	prioritization, estimation, and refinement of backlog items. This would	5/31/25 - BHA									
			Ensuring Clarity: The team ensures that each backlog item is clear and well-understood. Any ambiguities or uncertainties are clarified at this stage.	allow the project team to avoid situations where decisions about including items mid-sprint would have to be taken.	continues to hold backlog review meetings, with the most recent session conducted in April 2025. These efforts represent a positive step toward aligning priorities, managing technical dependencies, and clearly defining backlog items to support development and testing.									
			3. Estimation: Estimation of backlog items may occur during the review. The team may use		While no sessions have yet been scheduled for May, IV&V understands that the team is still acclimating to roles and processes. IV&V plans									
			techniques like story points or relative sizing to estimate the effort required for each item.	4. IV&V recommends scheduling separate dedicated product backlog	to attend future backlog prioritization meetings to support this effort.									
			 Re-prioritization: Based on new insights, changes in requirements, or stakeholder feedback, the team may need to re-prioritize items in the backlog. 	review meetings (during Sprints) where all relevant stakeholders are invited to review the product backlog and scheduled at the	4/30/25 - IV&V was invited to attend the DDD Backlog Prioritization Meeting. Several key items were discussed, including:									
			5. Removing or Adding Items: Items that are no longer relevant or necessary may be removed	appropriate time(s) such that there is sufficient time to plan the	- Apple Health									
			from the backlog. New items that emerge or are identified as important may be added.	design, development, and implementation (DDI) of the next release(s).										
			 Refinement: Backlog refinement may also occur during the review. This involves breaking down large items into smaller, more manageable ones, or adding more detail to items as 		- Provider and Customer Portal Documents While the meeting addressed these items, many of the backlog items still require estimation. DDD is currently working to complete these									
			needed.		estimations. IV&V is reducing the risk rating from medium to low due to the progress made in backlog prioritization and ongoing efforts to									
			Collaboration: The review is a collaborative effort involving the entire Scrum team. It's an opportunity for open discussion and sharing of ideas to ensure everyone is aligned on the		complete estimations.									
			opportunity for open discussion and sharing of ideas to ensure everyone is aligned on the goals and priorities.		3/31/25- Product Backlog meetings are being scheduled, and the IV&V team has been invited to attend. These meetings are essential for									
			8. Updating Documentation: Any updates or changes made during the review should be		aligning priorities, managing technical dependencies, and ensuring that backlog items are well-defined for development and testing,									
			documented to ensure transparency and visibility for all stakeholders. 9. Feedback Loop: The review often generates feedback that can be used to improve the		helping to maintain project velocity and minimize rework.									
			backlog management process or refine future backlog items.		2/28/25 - BHA plans to schedule other backlog review meetings and will notify IV&V accordingly. While some meetings have already									
			10. Sprint Planning Preparation: The outcomes of the product backlog review help inform the		occurred, a consistent backlog review schedule is still being established. Efforts are also underway to improve the backlog review process.									
		1	upcoming sprint planning meeting, where the team selects items from the backlog to work on		Regular meetings and process enhancements will help ensure alignment, facilitate timely issue resolution, and keep the project moving		1	-1	1			1		

ID	Short Description	Finding Statement	Analysis and Significance	Recommendation	Finding Update	Category	Туре	Priority	Status	Closure Reason	Closed Date	Identified Date	Owner	
46	Defect management.	Neglecting the established defect management process could lead to lost/forgotten defects, user frustration, and could slow resolution of similar defects in the future.	Failure to follow the established defect management process can result in defects being overlooked, inconsistently tracked, or unresolved –leading to increased user frustration and reduced trust in the system. This breakdown also impairs the project team's ability to analyze trends, implement or cot cause fixes, and prioritize effectively. Over time, neglecting structured defect handling may slow resolution cycles, introduce rework, and degrade overall software quality and service reliability.	IVAW recommends: 1. The project records the history of a defect's severity in the corresponding ticket's description/notes section in ADO. For example, when a notifix is deployed to mitigate a defect mitially desirable and "Critical" the description/notes section should document that the defect originally had a "Critical" severity rating. 2. Based on Best Practices, updating the defect management documentation and having regular rehresher training on the defect management process. 3. Send communications to the project stakeholders to clarify the defect management process and the importance of logging all defects. 3. Take steps to assure current and new users understand how to report and/or log defect. 4. Consider designating a defect management lead or champion to oversee adherence to the process and assure all defects are logged. 5. Keep stakeholders informed about defect status, priority, impacts, and resolution timelines. This could increase warmens of the importance of logging and management process with the SI and come up with a plan to improve.	considering adopting and enforcing the outlined defect management procedures. 3/31/25 - In March 2025, the SI provided documentation that was originally created in 2019, outlining the Help Desk process. IV&V is confining its review of the process and will provide feedback and recommendations based on best practices in April 2025. Notably, the project has placed increased attention on this area, which is a positive development. As a result of this heightened focus, IV&V has observed a corresponding rise in the number of defects being logged in Aurar Devoly (ADO), indicating stronger adherence to reporting protocols and greater transparency in issue tracking, Productive discussions are underway to address critical defects. By reviewing the Help Desk process and addressing any pap. IV&V articipates improvements in the overall defect management approach. SHA usually receives issues by email or helpidack calls, with most reports submitted by email. Depending on the seventry of the defect, BHA personnel way consul with other team members and flag high-severity defects, reporting them to the SI. While the current process is generally effective, there is room to speed up how critical defects are handled, particularly by enhancing how these issues are initially logged. 2/28/25. A high-promity defect course of or 3/26/205. Integrity to light an opportunity to strengthen the projects defect management process. BHA encountered some challenges that resulted in a delay in addressing the defect, in February, there were productive discussions no addressing critical defects. The SI has provided a document outlining the Help Desk process, which IV&V will review in March 2025 to further determine the risk. 1/31/25 - During this reporting period, there continues to be a delay in creating tickets in Azure DevOps (ADO) for defects. N&V remains concerned about the projects developed in the continue discussions to identify the projects developed in the projects developed in the projects developed in the projects developed in the pr	Project Management	Issue	Low	Open			9/30/2024	Gautam Gilvady	
47	Production restarts.		by Without a defined governance process for restarting production systems, there is increased risk of uncoordinated actions that may lead to unexpected downtime, delayed service restoration, or dat integrity issues. This lack of structure an furstate end-users, reduce confidence in system reliability, and hinder accountability when incidents occur, ultimately affecting BHA's ability to deliver timely and consistent services.	INBV recommends: 1. Develop trandard procedures for system restarts, including a checklist to determine when a restart is necessary, pre-checks, step-by-step instructions, and post-restart verifications. 2. Require formal approvals before initiating a start, especially for INBSPIRE, and document all actions in a centralized system. 3. Define clear escalation paths for when restarts do not go as planned including identifying contacts for technical support and management approval for additional interventions. 4. Automate Restart Procedures where possible. 5. The governance process is established, it should be effectively communicated to the project team. 6. Provide stakeholders with a clear explanation of the reason for the restart and the lessons learned, while documenting the restart details in the defect record.	process gaps and determine next steps. O73/12/5 - NEVA is currently reviewing the updated Production System Restart Communication Protocol document, and formulating feedback based on industry best practices. 6/30/25 - BHA has provided NEVA with the updated document describing the Production System Restart Communication Protocol. NEVA will review the document and provide feedback based on industry best practices. 5/30/25 - BHA has provided NEVA with the updated document describing the Production System Restart Communication Protocol. NEVA will review the document and provide feedback based on industry best practices. 5/30/25 - BHA has engaged in productive discussions around enhancing the communication protocol, including potential adjustments to advance notice periods, provider notification, and language preferences, to improve its clarity and effectiveness. However, the updated document has not yet been shared with NEVA for review advance entire period provider notifications, and specific legalize perferences, which would further strengthen the protocol and enhance its effectiveness. BHA shared the draft document with DDD and NEVA for initial review. 3/30/25 - Based on discussions with key members of the deployment team, NEVA continues to recommend documenting processes, procedures, and communication protocols to lefiniate ambiguity and promote a shared understanding among stakeholders. The deployment team is currently finalizing a communication protocol.	Project Management	Issue	Medium	Open			9/30/2024	Gautam Gulvady	
52	AER	BHA lacks a streamlined report to identify active AER users, which could make it hard to track adoption, plan features, and suppo- users.	While BMX can determine the number of active ARE analytics solution users in production based on user email addresses, the process is manual and lacks a standardized report. Although the need for a reporting feature has been discussed, no formal request has been rt made to implement it. This limits efficient user monitoring and may impact future efforts to track adoption or support planning. BMA plans to submit a new request.		O/331/25 - The project team is reviewing the User Request. The plan is to prioritize the User Request during the backlog review meetings. V&V will monitor the progress of the User Request to completion. 6/30/25 - BiAs submitted a formal request to develop a reporting feature to identify active AER analytics users in production. The project has created a User Request in Azure DevOPs (ADO).	Software Developmen	t Preliminary Concern		Open			5/27/2025	Gautam Gulvady	
53	Audit compliance	Manual auditing of records that users view could hinder the availability of BHA project team members for their tasks and slow project productivity.	According to current HIPAA regulations, access to customer data should be limited to individuals with a leightmane end to view customer data. BiA staff, including rejorce train members, currently assist in manually auditing and tracking unauthorized access to customer records. This manual auditing process could potentially disrupt project tasks and hinder productivity.	IV&V recommends L. Evaluate and prioritize Microsoft Purview through a cost-benefit and feasibility analysis, and initiate discussions with Microsoft to confirm Cogilot Risensing, integration feasibility, and an implementation roadmap to enhance efficiency and compliance. D. Develop and formalize policies and procedures for both automated and manual audit processes, including random audits, to enhance oversight and reduce risks.	O/321/25. Current, audit logs in to Microsoft Dynamics show who has created or modified records but lack automated capabilities for threshold flagging. As a result, for previous must be performed manually, making the process inefficient and limiting the alighility to distinguish between legitimate and suspicious access. Additionally, there is currently no mechanism for conducting accurate random audits, which are necessary for compliance with both internal and external standards. The proposed solution involves using Microsoft Purview with Copilot to automate anomaly detection and nortly administration of abnormal access behaviors. Copilot is not included in the current enterprise agreement. Next seps include engaging Microsoft for Interning discussions, consuling with expects no Purview implementation, evaluating funding options, and exploring interim compliance approaches through manual or random checks. 6/30/25. Currently, apps exist in monitoring record viewing activity, with only creation and editing being tracked. Previous efforts to log evening were studied, likely due to storage conners. The eyelven uses a business until herarchy in Dynamics to control access but does not distinguish between accessing and actively reading records. While andom audits are performed monthly by CAMHODOD, this process is annual and text formal policy backing. This supproach may repeat challenges for ensuring HIAPA compliance and identifying unauthorized access to expetitive data. Without a detailed audit trail for viewing activity, suspicious behavior, particularly from uses with higher-level permissions, may go unnotected. BHA intends to confirm the minimum required data for HIPAA compliance with legal (compliance (e.g., user to bland timestamp) and evaluate the effectiveness of current suddis.	Software Developmen	Risk	Low	Open			5/16/2025	Susmitha Rajan	

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54		automation license resulted in a temporary pause in automated	automated regression testing activities. This created some challenges for the team in maintaining their usual testing cadence and coverage. As a result, the team had to transition to fully manual testing efforts, which, while helpful, may not fully match the efficiency or depth of automated testing.			Project Management	Risk	Medium	Open			7/7/2025		
1						1		1		1	I		1	I