

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

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June 14, 2022

The Honorable Ronald D. Kouchi,
President, and
Members of The Senate
Thirty-First State Legislature
Hawaii State Capitol, Room 409
Honolulu, Hawaii 96813

The Honorable Scott K. Saiki,
Speaker, and
Members of The House of Representatives
Thirty-First State Legislature
Hawaii State Capitol, Room 431
Honolulu, Hawaii 96813

Dear President Kouchi, Speaker Saiki, 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 Hawaii Department of Health Hawaii 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,

DOUGLAS MURDOCK Chief Information Officer State of Hawai'i

Attachment (2)



Hawaii BHA Integrated Case Management System Project – *Phase 3*

Final IV&V Report for the period of

May 1 - May 31, 2022

Final submitted: June 10, 2022



Agenda

Executive Summary

IV&V Findings & Recommendations

Appendices

- A Rating Scales
- B Inputs
- C Project Trends





Executive Summary

The Project deployed R3.23 to production on 5/8/2022. There were four (4) post-production defects that included one high and three medium criticality issues. A formal R3.23 RCA was conducted on 5/19/2022 to address these issues. Several suggestions for improvement were identified and are being implemented.

BHA leadership continued to actively address their staff shortage issue and held several resource management/planning sessions during the month of May.

As previously reported, due to resource constraints and external dependencies, 'big boulder' features/functionality implementation schedules continued to slide during May. The Project continues to review and prioritize the 'big boulder' items in the backlog. IV&V will closely monitor these items moving forward.

Mar	Apr	May	Category	IV&V Observations	
R Sprint previously supported the project has rejoined the team to help mitigate the Project resource issue. Helpdesk staff continue to shadow the deployment team to provide the project has rejoined the team to help mitigate the Project has rejoined the team to help mitigate has rejoined the team to help mitigate the Project has rejoined the team to help mitigate has rejoined the help		Ongoing BHA leadership meetings continued during May to address the staff shortage issue and develop a resource mitigation plan. A seasoned RSM team member who previously supported the project has rejoined the team to help mitigate the Project's resource issue. Helpdesk staff continue to shadow the deployment team to provide future deployment support. The criticality rating for this category remains Red (high) for the May reporting period.			
I A I I I I I I I I I I I I I I I I I I		There are no active findings in the User Story (US) Validation category which remains Green (low criticality) for the May reporting period. IV&V will continue to monitor the US development and validation process in upcoming reporting periods.			
Y			BHA is finalizing their plans to select an automated regression tool. No R3.23 post-production defects were attributed to regression testing as the project continues to improve and mature in this area.		
R	Release / release deployment approaches are being discussed to help address the resc		The formal R3.23 RCA identified one issue related to a deployment error. Alternative release deployment approaches are being discussed to help address the resource constraints on the deployment team. IV&V will continue to closely monitor this high criticality category.		



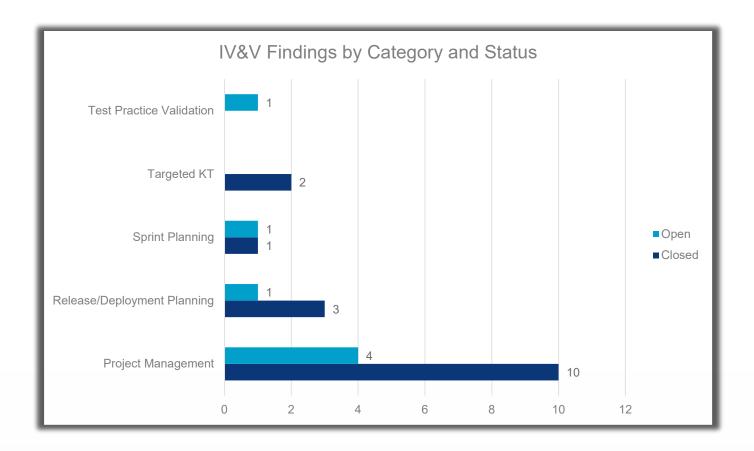
Executive Summary

Mar	Apr	May	Category	IV&V Observations	
G	G	G	OJT and KT Sessions	The criticality rating for the OJT and KT Sessions category remains Green (low) for the May reporting period with no active findings.	
G	G	G	Targeted KT	This category remains Green (low criticality) for the May reporting period and IV&V will continue to monitor.	
G			estimated 61 User Story Points. However, the number of defect fixes implemented for this release was higher than all previous releases. IV&V will keep the criticality rating for this category Green (low) but will revisit next month to determine if the rating should be		
G	G	G	Organizational Maturity Assessment (OMA)	There were no updates to this category. The criticality rating for the Organization Maturity Assessment (OMA) category remains Green (low).	
R	R	R	Project Management	The formal R3.23 RCA identified issues tied to design, coding, and deployment errors. Associated action items/improvements to address these issues have been established. 'Big Boulder' prioritized features/functionality implementation schedules continued to slip during May as the Project actively reviews and prioritizes the backlog for these items. The criticality rating for this category remains red for the month May.	



Executive Summary

As of the May 2022 reporting period, there are a total of seven (7) open findings – two High Issues and five Medium Issues spread across the Sprint Planning, Release / Deployment Planning, Test Practice Validation, and Project Management assessment areas.



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 Transfer (KT) Sessions
- Targeted Knowledge Transfer (KT)
- Project Performance Metrics
- Organizational Maturity Assessment
- Project Management



IV&V Findings & Recommendations Sprint Planning

#	#	Key Findings	Criticality Rating
7	7	High Issue - The BHA Technical Team bandwidth may not be adequate to meet the needs of the project, which could compromise project productivity. BHA leadership continued to meet during May to address the Project's resource shortages and develop a mitigation plan to address this issue. In the meantime, a technical resource from RSM who previously supported the DDI work has rejoined the project to further help mitigate this issue.	B
	The project is looking into alternative release deployment approaches to help address the resource constraints on the deployment team. In addition, helpdesk team member(s) continue to shadow the deployment team resources to provide support for future promotional activities. IV&V will continue to monitor this high criticality issue.		

Recommendations	Status
BHA needs, and should pursue, documentation of the Calculator 3.0 solution.	In progress
The Project should investigate mechanisms of increasing the bandwidth of the BHA Technical Team, either by adding resources through new hires, or vendor contracts.	In progress
The Project should assess, where possible, if there are responsibilities of the BHA Technical Team that can be reassigned to other project staff.	In progress



IV&V Findings & Recommendations Sprint Planning (cont'd)

Recommendations	
The Project should evaluate where process inefficiencies can be addressed and streamlined to possibly free up the BHA Technical Team's availability.	In progress
BHA needs, and should pursue, additional Knowledge Transfer sessions on the updated Calculator 3.0 solution.	Completed
The Project should consider the formation of a first level resource team to triage/address production defects in a timely manner, without disrupting new development work.	Completed
The Project should consider procurement of an online training toolset to support OCM and technical efforts to offset the need for in-person training.	Completed



Test Practice Validation

#	Key Findings	Criticality Rating
2	Medium Issue – As a result of regression testing not being consistently performed, production releases are breaking and/or deprecating existing functionality in the production environment. R3.23 was promoted to production on 5/8/2022. There were four (4) defects noted after the deployment. One was of high criticality and the remaining three were of medium criticality. A formal R3.23 RCA was conducted on 5/19/2022. None of these defects were attributed to regression testing issues. The project is nearing completion of the planning efforts for implementing a regression testing tool, and a decision is anticipated in the coming days for tool selection. The Tricentis testing tool is likely to be	M

Recommendations	Status
 Pursuing additional formal training in AzureDevOps for test automation at the earliest possible juncture and commence efforts to automate at least the 2 primary regression test scripts. 	In progress
 IV&V recommends DDD and CAMHD develop a common and consistent approach across divisions for regression testing. 	Completed
 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. 	Completed



Test Practice Validation (cont'd)

Recommendations	Status
Updating the regression test scripts to ensure consistency with system configuration.	Completed
Modifying release schedules to allow for regression testing timeframes.	Completed
 Planning releases by functionality type to avoid unnecessary repetitive work being performed in any given section of the solution. 	Completed
 Performing regression testing after every release, or possibly every other release, or potentially tying regression tests to FSU releases. In addition, consider alternating the DDD and CAMHD scripts every other release. 	Completed
 Modifying regression test scripts to start AFTER case creation, limiting the time it takes to execute. (This recommendation was for a point in time and is no longer valid.) 	Completed
Implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing and deployment activities are not rushed.	Completed
Modifying the deployment scripts based on information gained from previous release deployments.	Completed

Test Practice Validation (cont'd)

Recommendations	Status
Consulting with RSM to determine how the 'interim testing processes' can be improved until such time that automated testing is available for repeatable and complete industry standard regression testing.	Completed
 IV&V recommends performing an RCA in collaboration with RSM for the continued concerns with regression testing efforts. 	Completed



Release / Deployment Planning

#	Key Findings	Criticality Rating
18	Medium Issue - Due to ongoing deployment processes and technical execution issues, the Project may continue to encounter defects and challenges in meeting projected timelines for production and non-production deployments. R3.23 was promoted to production on 5/8/2022. There were four (4) defects noted after the deployment. One was of high criticality and the remaining three were of medium criticality. The project conducted an R3.23 RCA on 5/19/2022. One of the medium defects was related to a missed deployment step. IV&V continues to note that the availability of staff for deployment continues to hinder the project efforts. IV&V will continue to monitor this finding.	M

Recommendations	Status
 Ensure there are adequate and qualified resources to support the current deployment processes. This may require the support from RSM resources to provide assistance and knowledge transfer for some of the more complex deployment components. 	In Progress
As appropriate, consult with RSM on best practices that BHA could employ to support deployment.	In Progress
 Request the assistance of the RSM Solution Architect in reviewing and correcting issues associated with consistency of the 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. 	In Progress
 Request the assistance of the RSM Solution Architect in review of deployment scripts as a double check for accuracy and completeness prior to commencing deployment activities. 	In Progress



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.	In Progress
IV&V recommends performing an RCA in collaboration with RSM for the continued concerns surrounding environment differences.	In Progress
• 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.	In Progress
Look at implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing and deployment activities are not rushed.	Completed
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.	Completed
 Work in collaboration with RSM to establish a transition plan for DOH to assume all deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. 	Completed



Release / Deployment Planning (cont'd)

Recommendations	
 Develop a plan to institutionalize the execution of "Smoke Testing" for promotions to non-production environments. This will help to ensure that all components needed to test have be deployed prior to the actual execution of test activities. 	
• Due to an error prone process of 'cherry picking' what is and what is not ready for deployment recommends that DOH and RSM collaborate to determine an improved manner for managing environments. (As a result of how the current development environment is being managed, 'components to deploy will continue to occur. This recommendation is closed.)	DOH



Project Management

#	Key Findings	Criticality Rating
14	Medium Issue - Due to multiple quality concerns, the Project may continue to face impactful system defects. R3.23 was promoted to production on 5/8/2022. There were four (4) defects noted after the deployment. One was of high criticality and the remaining three were of medium criticality. The formal RCA for R3.23 conducted on 5/19/2022 tied the defects to design, coding, and deployment errors. Specific action items were identified to address these errors and are currently being implemented. IV&V is concerned at the increasing volume of defects vs planned user stories and requests. Forty-three (43) % of all USPs in R3.23 were attributable to defects which is more than double the target threshold of 20%. IV&V will continue to monitor this finding and trend.	M

Recommendations	
Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements.	Open
Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected.	In Progress
Assign dedicated resources to provide oversight of CAMHD Fiscal Processes.	In Progress
Monitor implemented improvements for effectiveness.	In Progress



Recommendations	
 IV&V recommends performing an RCA in collaboration with RSM after all future release deployments for continual quality improvement. 	Completed
BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality.	Completed
 Perform typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 	Completed
 Dedicate sufficient time in between releases for BHA and RSM to execute/implement RCA correction actions to reduce the volume of unplanned rework. 	Completed

#	Key Findings	Criticality Rating
12	Medium Issue – PII/PHI data in non-production environments. There were no substantive changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue.	M

Recommendations	
 IV&V recommends DOH consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk. 	Open
• IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including the potential masking of data.	In Progress
 IV&V recommends that DOH mitigates this finding by minimizing and/or masking PHI/PII data in designated non-production environments. 	In Progress

#	Key Findings	Criticality Rating
21	Changed from Low Issue to Medium Issue – Unplanned rework may have an impact on delivering DDI functionality by the end of the DDI period. The defect percentage (43%) in May was one of the highest for all previous project releases. The volume of defects was more than double the target of 20% or less. The project conducted a R3.23 RCA on 5/19 and identified improvements to reduce the volume of bugs. This included conducting targeted design sessions to review specific functions and "needs discovery" and "pending approval" changes. In addition, the project plans to perform a deep-dive on past bugs to help identify where further improvements can be made. IV&V has escalated this issue to a medium criticality rating and will continue to monitor this finding moving forward.	M

Recommendations	Status
Reduce the amount of unplanned rework by continuing to focus on quality improvement measures.	In Progress
Strive for defect performance metric not to exceed 20% of all user story points in any given release.	In Progress



#	Key Findings	
22	High Issue - The project schedules for 'big boulder' functionality development are slipping. 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during May, largely due to resource constraints and external dependencies. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. Due to the continued slippage of the 'Big Boulder' schedules and the velocity impacts caused by resource availability, this remains a high exposure issue. IV&V will continue to closely monitor this issue and the status of the 'Big Boulder' initiatives.	
Reco	ommendations	Status
Extend the current DDI timeframe to allow for the completion of 'big boulder' interfaces functionality development.		In Progress
BHA to add more resources to support the development of "big boulder' interfaces functionality.		Open



Project Performance Metrics

Metric	Description	IV&V Observations	IV&V Updates
Velocity	 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 for Phase 3 	May – Available velocity was estimated at 61 user story points for R3.23 and a total of 105 user story points were promoted to production on March 31, 2022 (Mid Sprint Deployment) and May 8, 2022. The overall cumulative Phase 3 targeted USP's was planned for 2,016, and the actual USP count is now 2,518.27. Overall, this continues to exceed expectations for volume of work performed.	N/A



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) • US Points assigned to defects in a release vs US Points assigned to planned US in a release	 May– R3.23 was deployed to production on May 8, 2022. A total of 105 USPs were promoted to production; 30 in a Mid Sprint Deployment on March 31, 2022, and 75 in the R3.23 release on May 8, 2022. 57% of the total USPs were associated with planned user stories and requests. 43% of the total USPs were associated with defects that were either encountered during the release or pulled from the backlog. The defect ratio in May was more than twice the target of 20% or less of the total USPs in any given release. 	N/A

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.



Appendix A

Finding Criticality Ratings

Criticality Rating	Definition
A high rating is assigned if there is a possibility of substantial impact to product quality, s schedule. A major disruption is likely, and the consequences would be unacceptable. A 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 May 2022 reporting period:

- Daily Scrum Meetings (selected)
- 2. Twice Weekly RSM Issues Meeting
- 3. Weekly BHA-ITS Project Status Meeting
- 4. Bi-Weekly Check-in: CAMHD
- 5. Bi-Weekly Check-in: DDD
- IV&V Draft IV&V Status Review Meeting with DOH
- IV&V Draft IV&V Status Review Meeting with RSM and DOH

Eclipse IV&V[®] Base Standards and Checklists

Artifacts reviewed during the May 2022 reporting period:

- Daily Scrum Notes (selected)
- 2. Twice Weekly Issues Meeting Notes (selected)





Appendix C: Project Trends

Appendix C Project Trends

Trend:	Overall	Projec	t Health	1						
Process Area					2021,	/2022				
FIUCESS ATEA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
User Story Validation										
Test Practice Validation										
Sprint Planning										
Release / Deployment Planning										
OJT and KT Sessions										
Targeted KT										
Project Performance Metrics										
Organizational Maturity Metrics										
General Project Management										
Total Open Findings	8	8	9	8	8	8	7	7	7	7
Issue - high	2	1	2	1	1	1	1	2	2	2
Issue - medium	3	4	4	4	4	4	4	4	4	5
Issue - low	0	0	3	3	3	3	2	1	1	0
Risk - high	0	0	0	0	0	0	0	0	0	0
Risk - medium	0	0	0	0	0	0	0	0	0	0
Risk - low	0	0	0	0	0	0	0	0	0	0
Preliminary Concern	3	3	0	0	0	0	0	0	0	0





Solutions that Matter

ID I	Date Identified	Finding	Finding Statement	Supporting Analysis	PCG Recommendation	Finding Update	Process Area	Finding Type	Priority	Status	Risk Owner	Closure Reason
1.00		Detailed investigation into the project's sprint planning processes and adoption of generally accepted agile best practices.	IV&V is currently investigating the following topics as they relate to Sprint Planning and the project's overall approach to agile software development: - IV&V acknowledges that the project is now planning three sprints outs, however, it appears that only a "high-level" sprint planning roadmap has been produced, and it is unclear exactly how the project is targeting features for each release through the end of Mod 4 IV&V is not aware of how the project is currently defining "done" for Mod 3 and Mod 4Additionally, in the January 2020 reporting period, IV&V will seek additional information and visibility into the project's processes specific to prioritizing requests and how user stories in TFS are tagged to features, as well as the realignment of project development and configuration resources to complete the scope of Release 3.5.	identify what feature enhancements will be targeted for each planned release. This roadmap will help the project manage scope and productivity. Relatedly, the "definition done" is an important artifact to ensure that the project is successful. Otherwise, the project will struggle to prioritize requests/enhancements and manage scope.	As much as possible, the project should identify what feature enhancements will be targeted for each Release and should clearly map out the roadmap out through the last Phase 3 release in September 2020.Additionally, the project should clearly define "Done" to ensure the project team is working towards the same goal and increase opportunities for success. Having a clear "definition of done" will help provide the project with guidance on how to stay within scope.	01/31/2020 - IV&V is closing this concern, and will be tracking items related to Definition of Done, roadmap, resourcing, and backlog grooming in new, separate findings.	Sprint Planning	Preliminary Concern	N/A	Closed	Ramesh, Vijaya (PCG)	Due to multiple new items being tracked at a more granular level, this item has been closed.
2.00	12/31/2019	As a result of regression testing not being consistently performed, production releases are breaking and/or deprecating existing functionality in the production environment.	R3.3 introduced a defect that deprecated features in production specific to Integrated Support and Life Trajectory functionality. DDD has informed IV&V that there are other examples of functionality being deprecated after a release, some of which are still being investigated. As of this report, IV&V has not evaluated the project's root cause analysis (RCA) process used to determine why such functionality was deprecated but will discuss further with BHA in January 2020.	prevent both defects and the deprecation of production functionality when a release is pushed live. When defects occur in production, the project should follow a defined and repeatable process for determining the root cause of the problem.	at least the 2 primary regression test scripts. IV&V recommends DDD and CAMHD to develop a common and consistent approach across divisions for performing regression testing.	05/31/2022 - R3.23 was promoted to production on 5/8/2022. There were four (4) defects noted after the deployment. One was of high criticality and the remaining three were of medium criticality. A formal R3.23 RCA was conducted on 5/19/2022. None of these defects were attributed to regression testing issues. The project is nearing completion of the planning efforts for implementing a regression testing tool, and a decision is anticipated in the coming days for tool selection. The Tricentis testing tool is likely to be selected. The implementation effort is tentatively scheduled to commence by July. 04/30/2022 - The formal RCA for R3.22 identified root causes of the associated defects that were tied to requirements, coding, testing, and deployment errors. Recommendations for testing improvements included data validation for bulk updates, joint testing for edge cases, and an increased level of smoke testing. BHA continued formal planning for the implementation of automated regression testing and attended multiple product demonstrations during April. Tool selection is		alssue	Medium	Open	Darren Macdonald	

	12/31/2019	Usage of open source JavaScript framework for	IV&V learned in December 2019 that the Calculator 3.0 functionality is built	Open source tools and frameworks offer organizations great opportunities	IV&V recommends BHA work to establish a reliable and	08/31/2020 - IV&V is unaware of any additional KT gaps being identified by DOH,	Targeted KT	Risk	Low	Closed	Darren Macdonald	RSM has successfully held
		development and ongoing	in Vue.JS, an open source JavaScript	to build and configure customized		and as such, is closing this						several KT
		maintenance of Calculator 3.0	framework. As this framework is	solutions at lower costs than through	abreast of communal updates	finding.07/31/2020 - The Project resolved						sessions for this
		requires BHA to take a	relatively new, the open source	software purchase or licensing.	and support opportunities for a	the majority of the outstanding Calculator						technology and
		proactive approach to support	support community is small. IV&V's	However, open source tools and	new suite of tools -	3.0 defects during July which was						functionality, and
		and security.	concerns include: - The availability of	frameworks often do not come with	CompletedIV&V recommends	implemented in the mid-sprint release on						DOH staff have
			reliable support for Vue.JS - The	support models, other than those	BHA continue to hold targeted	7/17/2020. The final Calculator 3.0						stated that it was
			project's understanding of any known	offered through the tool's community.	KT sessions with RSM on	Knowledge Transfer session was conducted						well received.
			vulnerabilities with Vue.JS, and	Because of this, the organization bears	maintaining Calculator 3.0 via a	on 7/17/2020. IV&V recommends BHA to						
			development of a process to remain	the weight of seeking out reliable help	suite of tools, and determine	identify and communicate any additional KT						
			current on vulnerabilities discovered by	and support, as well as much take a	what additional skillsets,	gaps to RSM during the month of August. If						
			the support community The RSM	proactive approach to security and	training, and/or resources are	no additional needs are identified, IV&V will						
			lead for Calculator 3.0 went on	identifying any vulnerabilities in the	needed to support BHA's long-	close this finding. 06/30/2020 - The project						
			extended parental leave in December	tools.	term ownership of Calculator	continued to focus attention on the						
			2019IV&V acknowledges that BHA has		3.0 - Completed	Calculator 3.0 defects during the month of						
			downloaded Vue.JS to start getting			June. RSM conducted another Calculator 3.0						
			familiar with it.			Knowledge Transfer session on 6/26/2020						
						and scheduled a final session for 7/17/2020.						
						05/31/2020 - The project continued to focus						
						attention on the Calculator 3.0 user stories						
						and defects during the month of May. RSM						
						conducted another Calculator 3.0 Knowledge						
						Transfer session on 5/29/2020 which IV&V						
						attended. This session included the new C3.0						
						year-end changes. Additional KT sessions is						
						planned for and IV&V will continue to						
4.00												
4.00	1/31/2020	Due to the project not	There have been several defects	A complete, up to date, and	IVV recommends documenting	12/31/2020 - IV&V has closed this issue as	Release/Deployme	Issue	Medium	Closed	Darren	Key finding has
4.00	1/31/2020	following a detailed	pushed to production with Phase 3	documented deployment script is	deployment scripts for both	the related recommendations below has		Issue	Medium	Closed	Darren Macdonald	been addressed
4.00	1/31/2020			documented deployment script is needed to ensure the repeatability	-			Issue	Medium	Closed		been addressed and proposed
4.00	1/31/2020	following a detailed deployment script, the project may continue to experience	pushed to production with Phase 3 releases. Some of the defects introduced to production have been	documented deployment script is needed to ensure the repeatability and stability of DOH's production	deployment scripts for both the patch method and the full solution upgrade method. The	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address		Issue	Medium	Closed		been addressed and proposed IV&V
4.00	1/31/2020	following a detailed deployment script, the project	pushed to production with Phase 3 releases. Some of the defects	documented deployment script is needed to ensure the repeatability and stability of DOH's production	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical		Issue	Medium	Closed		been addressed and proposed
4.00	1/31/2020	following a detailed deployment script, the project may continue to experience	pushed to production with Phase 3 releases. Some of the defects introduced to production have been	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 11/30/2020 - Release 3.10		Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been
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4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to deployment	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during Phase 2 with RSM providing instruction and DOH staff physically executing the tasks and activities via keyboard. For Phase 3, it is unclear whether a complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment processes	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new defects. Deployment corrections were applied in a mid sprint release on 11/27/2020. Based on the recurrence of this finding, IV&V has changed this Risk to an Issue and will continue to monitor until resolved. 10/31/2020 - The RSM and DOH		Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to address on-going deployment processes and technical
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4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to deployment	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during Phase 2 with RSM providing instruction and DOH staff physically executing the tasks and activities via keyboard. For Phase 3, it is unclear whether a complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment processes	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new defects. Deployment corrections were applied in a mid sprint release on 11/27/2020. Based on the recurrence of this finding, IV&V has changed this Risk to an Issue and will continue to monitor until resolved. 10/31/2020 - The RSM and DOH		Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to address on-going deployment processes and technical

5.00		The project lacks a documented 'Definition of Done", which could challenge the project's ability to fully achieve the goals of Phase 3. The lack of consistent backlog	Top 100 User Stories of for Phase 3. Because of this, it is unclear how proposed functionality/features are prioritized for each sprint, and throughout Phase 3.	The 'Definition of Done" document guides the Project's vision, business, and technical goals that are important inputs for stakeholders to develop a Roadmap for Phase 3. Without the 'Definition of Done' document, the project is likely to struggle to prioritize proposed functionality/features which may be equally important but are at odds with each other.	process of creating the Definition of Done. IV&V recommends that the project create this document and socialize this with project team before end of Feb 2020IV&V recommends that the project consider the items from the prioritized list, available resources and define "Done" as a percentage of the identified priority list with room for flexibility to add any other features/enhancements that will be identified during Phase 3.	02/29/2020 - The project created and documented the Phase 3 Definition of Done and socialized it in February. IV&V recommends the project continually review and update the Definition of Done, adjusting as/if necessary. IV&V will continue to monitor the project's adherence to Definition of Done and progress against it but is closing out this concern as of the February report.	N/A	Closed	Ramesh, Vijaya (PCG)	Definition of Done completed and socialized.
6.00	1/31/2020	The lack of consistent backlog grooming could result in the project backlog having obsolete, non-estimated, and poorly defined user stories.	The backlog of defects, requests, and user stories continues to grow. Currently, there are approximately 429 defects and requests, of which almost 200 have a status of 'New'. IVV notes that a large percentage of the backlogged work items do not have user story points estimated. Many of the items listed in the backlog are old, and some may have had needs or requirements change over time or may now be obsolete. IV&V notes that DDD and CAMHD have initiated this effort and agreed to prioritize grooming the backlog by the end of February.	A comprehensive, up-to-date backlog is a primary tenet of agile software development. If a backlog is carrying work items that may not ever be completed for any reason, they should be removed from the backlog to ensure its viability.	and DDD groom the backlog to bring it as current and accurate as possible. This should include deprecating items no longer needed, and fully defining those items that are not yet fully defined, readying them for configuration or developer resources. To the extent feasible, BHA should involve RSM SMEs in this process, if only for the interim to get "caught up" on grooming efforts. (Closed)VV recommends that the project consider utilizing an age-based methodology for the deprecation of 'older' user stories in the backlog that may no longer be applicable or needed by the Product Owners and developing a process for periodic cleansing of the backlog using the same methodology. (Closed)	06/30/2020 - IV&V has observed for another month that the project continues to groom the backlog. As a result, we are closing this finding.05/31/2020 - The project team has determined the backlog grooming effort has caught up, as details for release 3.9 are completed and 3.10 is near completion. IV&V will keep this finding open for an additional month to validate that the backlog continues to be groomed as new stories and defects are identified. Efforts to keep the backlog groomed should take place each month so that release planning efforts are not delayed. 04/30/2020 - The project reported that 97% of the original backlog has been estimated at this time. That said, CAMHD has determined that there are several older, and possibly no longer necessary user stories in the backlog that are candidates for deletion. IV&V will keep this finding open and will re-assess it for impact during the month of May.03/31/2020 - IV&V validates that the backlog grooming effort has made great progress, however it is still in progress. The revised target date for completion was most recently 3/31/2020. The estimation effort has reached 94% completion at the end of	Low	Closed	Darren Macdonald	The project has demonstrated they are consistently grooming the backlog.

7.00	1/31/2020	The BHA Technical Team	The BHA Technical Team plays a role	The BHA Technical Team leads the	BHA needs, and should pursue,	05/31/2022 - BHA leadership continued to	Sprint Planning	Issue	High	Open	Darren	
7.00	1,52,2020	bandwidth may not be	that is critical to project success. Currently, the responsibilities associated with the BHA Technical Team have expanded beyond their collective available bandwidth. IV&V notes that BHA began addressing this bandwidth issue, which includes increased collaboration with key RSM resources, and are working to potentially change the structure of the Technical Team.	efforts of all technical DOH staff on the project. As such, the Team's time is both extremely valuable and scarce. If the Team's expected workload exceeds bandwidth, the project could experience bottlenecks. Optimization of the BHA Technical Team's time is to the benefit of the project and plays a critical role in the project's ability to	additional Knowledge Transfer sessions on the updated Calculator 3.0 solution The Project should investigate mechanisms of increasing the bandwidth of the BHA Technical Team, either by adding resources through new hires, or vendor contracts. The Project should assess, where possible, if there are responsibilities of the BHA Technical Team that can be reassigned to other project staff. The Project should evaluate where process inefficiencies can be addressed and streamlined to possibly free up the BHA Technical Team's availability.	meet during May to address the Project's resource shortages and develop a mitigation plan to address this issue. In the meantime, a technical resource from RSM who previously supported the DDI work has rejoined the project to further help mitigate this issue. The project is looking into alternative release deployment approaches to help address the resource constraints on the deployment team. In addition, helpdesk team member(s) continue to shadow the deployment team resources to provide support for future promotional activities. IV&V will continue to monitor this high criticality issue. BHA leadership continued to meet during May to address the Project's resource shortages and develop a mitigation plan to address this issue. In the meantime, a technical resource from RSM who previously supported the DDI work has rejoined the project to further help mitigate this issue. The project is looking into alternative release deployment approaches to help address the resource constraints on the deployment team. In addition, helpdesk team member(s)	Spinerianing	issuc		Орен	Macdonald	
8.00	1/31/2020	The lack of a Product Roadmap that provides direction on the top product features to be delivered in the near term (next 3 months), midterm, and long term could have an adverse impact on the Project's scope and schedule.	and / or enhancements to be built in order to fully address BHA's business	A Roadmap is a tool that guides an agile project on what functionalities/features are targeted to be built and released and when users can have access to these functionalities. Without a defined Roadmap the project may not be able to effectively scope the top features to be released within Phase 3 and ensure the correct resources are available to accomplish the goal of each sprint and the Phase.	understand if there are any constraints (resources, budget) that may hinder the project	02/29/2020 - In February, the project further defined the Phase 3 Product Roadmap and aligned it with the Phase 3 Definition of Done. IV&V recommends the project continually review and update both the Product Roadmap and Definition of Done, adjusting as necessary. IV&V will continue to monitor the project's adherence to the Product Roadmap and progress against it but is closing out this concern as of the February report.	Project Manageme	Preliminary Concern	N/A	Closed	Ramesh, Vijaya (PCG)	Product Roadmap aligned with Definition of Done

9.00	3/31/2020	The COVID-19 pandemic and	On 3/23/2020, the Governor issued a	DOH stakeholder participation in key	- IV&V recommends BHA to	04/30/2021 - The Project continues to	Project Manageme	Risk	Low	Closed	Darren	The Project
3.00		the related "stay at home"	"stay at home, work from home order"	activities could be significantly	ramp up efforts to setup, train,	maintain its ability to operate with staff	i roject wanageme	Misk	LOW	Closed	Macdonald	continues to
		order could hinder project	that has reduced state departments	hindered, not only by required remote		working remotely, effectively overcoming the					Iviacuonaiu	maintain its ability
		activities and negatively	ability to be fully functional as the large	, , ,	remote work devices and tools	"stay at home, work from home order" that						to operate with
		impact the project schedule	majority of state workers will be	the flood of activities that could occur	and make every effort to help	reduced BHA's ability to be fully functional in						staff working
		and budget.	required to work from home/remotely		them to become highly	the office. The potential DDD and CAMHD						remotely,
		and budget.		overwhelmed processing and	~ '	'						**
			· ·	'		budget challenges reported in March were						effectively
			offices may be completely shut down	providing services due to the resulting		also overcome during April, providing fiscal						overcoming the
			until that time as well. Unclear if the	economic impacts to citizens. Some		relief to BHA. As such, IV&V is closing this						"stay at home,
			order will extend beyond that date.	stakeholders may be unable (due to	IV&V recommends the project	finding.03/31/2021 - The Project continued						work from home
				stricter shutdown policies) or unwilling		to maintain its ability to operate with staff						order" that
				to perform these activities during this	documented risk mitigation	working remotely, while COVID-related						reduced BHA's
				chaotic time. Planned SI on-site visits	strategy and plan that is	responsibilities continue to grow for CAMHD						ability to be fully
				will also likely be changed to remote	reviewed regularly and revised	Leadership. The Governor announced that						functional in the
				which could reduce the effectiveness	to address the current state of	potential furloughs and/or layoffs of State						office. The
				of their project activities. Going	the COVID-19 threat and	workers will no longer be necessary based on						potential DDD
				forward most if not all project		the signing of the American Rescue Plan.						and CAMHD
				activities will more than likely be	to 12 months - In Progress -	IV&V has reduced the priority of this finding						budget challenges
				conducted remotely until this crisis	IV&V recommends updates to	from Medium to Low and will continue to						reported in March
				passes.	the OCM Plan to include any	monitor moving forward. 02/28/2021 - As						were also
					new activities or updates to	reported in January, there were no						overcome during
					planned activities to aid the	substantive changes observed for this finding						April, providing
					organization through this	in February. The Project continued to						fiscal relief to
					COVID-19 situation in the short	maintain its ability to operate with staff						BHA.
					and long term - Open	working remotely. IV&V continues to note						
						that there may be potential future budget						
						actions by the Governor due to projected						
10.00	5/31/2020	The lack of design reviews for	There were a couple incidents during	If all requirements within a functional	IV&V recommends (and DOH	07/31/2020 - The Project continues to to		Preliminary	N/A	Closed		This process
		complex user stories has	May where the code promoted to	design are not met, users could	has commenced) conducting	spend additional time on the designs of		Concern				change to spend
		resulted in the promotion of	production did not fully meet all	experience the inability to complete	technical design reviews for	complex user stories during June to ensure						extra time on the
		incomplete solutions into	requirements of associated user stories	required processes, resulting in	complex user stories prior to	requirements and user story components						design of complex
		production.	for CAMHD Progress Notes. The	incomplete data collection and	development to ensure designs	were fully captured in design sessions. This						user stories to
			components that were developed and	potential issues in service delivery.	are complete and all	process change has proven successful, and as						ensure that all
			implemented were functional,		requirements associated with	such, IV&V recommends closing this						requirements are
			however the effort was complicated by		the design are met. IV&V	concern.06/30/2020 - IV&V acknowledges						represented has
			additional requirements being added		observed this activity has been	the Project Team continued to spend						proven to be
			during development that necessitated		implemented by DOH in the	additional time on the designs of complex						successful.
			additional changes to the design. IV&V		month of May.	user stories during June to ensure						
			will continue to monitor the design			requirements and user story components						
			review activity for large user stories			were fully captured in design sessions. IV&V						
			moving forward			will continue to monitor in July.				1		
			Income forward			will continue to monitor in July.						
										1		
										1		
										1		
										1		

11.00	7/31/2020 DDD Project resource	The user adoption and training efforts	The significance and impact of OCM	IV&V recommends that BHA	03/31/2021 - The DDD staff who've been	Project Manageme	Diek	N/A	Closed	Darren	The DDD staff
11.00	shortages may have a	are hampered based on staffing	can never be understated. It is clearly	does as much as possible	part of the review process are pleased with	Project Manageme	NISK	IN/A	Closed	Macdonald	who've been part
			a best practice that best that all staff	'						iviacuonaiu	of the review
	continued negative effect on user adoption, training, and	shortages. DDD has stated that its users have been found to not be	utilize the solution in the same	within its sphere of influence to increase user adoption and	the quality of the videos produced within the toolset and have determined that the toolset						process are
	overall OCM activities.	utilizing the system to its fullest extent	manner. Variations in how the system	· ·	is a very helpful training tool for DDD staff						pleased with the
	overall ocivi activities.	in terms of system workflow, provide	is utilized by its users is likely to cause	procurement of the online	and providers. As such, IV&V is closing this						quality of the
		their insights and input, follow up, etc.	variations in data collection and	training toolsets to offset the	finding.02/28/2021 - Training videos using						videos produced
		To assist in OCM activities, DDD has	analytical efforts using the data	need for in-person training,	the new toolset were nearing completion by						within the toolset,
		defined the need for an interactive	collected.	and adding staff as needed to	the end of February. DOH is currently						and have
		training tool to support Inspire.	conected.	support OCM and technical	reviewing the drafts of the second set of						determined that
		training tool to support hispire.		efforts. IV&V recommends	videos and work is progressing well. IV&V will						the toolset is a
				DOH perform a detailed	continue to monitor this finding until DDD						very helpful
				investigation of the specific	has had sufficient time to determine the						training tool for
					overall quality of the training work products						DDD staff and
				is currently being used by the	and whether the new toolset is addressing						providers.
				user community.	user adoption and staffing shortages for						p. 61.66.61
				Consequently, users would be	these task efforts. 01/31/2021 - Training						
				provided with constructive	design activities using the interactive training						
				feedback on how the system	toolset commenced in January and has						
				should be utilized where gaps	attained good progress. The use of this tool is						
				exist. This will likely lead to	expected to provide some bandwidth relief						
					for DDD staff members responsible for						
				close identified system	onboarding new staff members and						
				knowledge gaps.	providers, and to provide refresher training						
					to existing staff members. IV&V will continue						
					to monitor this finding12/31/2020 - The						
					contract to procure the interactive training						
12.00	2/21/2222	0.00.41 1 1 11 1	5 11	1,017	05 /04 /0000 TI I I I I		I a a c a a	N A m aliceme	Onon	Darren	
	8/31/2020 PII/PHI data in non-production	IV&V has been made aware that	Failure to secure PII/PHI data leaves	IV&V recommends DOH	05/31/2022 - There were no substantive	Project Manageme	issue	Medium	Open	Darren	
12.00	8/31/2020 PII/PHI data in non-production environments	PII/PHI data currently exist in a non-	the organization open to highly		changes to this finding identified during May.	Project Manageme	issue	iviedium	Ореп	Macdonald	
12.00			· ·	consider limiting the volume of		Project Manageme	issue	iviedium	Ореп		
12.00		PII/PHI data currently exist in a non-	the organization open to highly	consider limiting the volume of	changes to this finding identified during May.	Project Manageme	issue	Medium	Ореп		
12.00		PII/PHI data currently exist in a non- production environment to meet	the organization open to highly targeted social engineering attacks,	consider limiting the volume of environments with PII/PHI data	changes to this finding identified during May. The Security Assessment will commence	Project Manageme	issue	Medium	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed,	Project Manageme	issue	Medium	Ореп		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work,	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to	Project Manageme	issue	Medium	Ореп		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for	Project Manageme	issue	wealum	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk.	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk.	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue. 04/30/2022 - There were no substantive	Project Manageme	issue	weatum	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue. 04/30/2022 - There were no substantive changes to this finding identified during April.	Project Manageme	issue	ineaum	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk. Failure to secure PII/PHI data leaves the organization open to highly	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production environment that DOH	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue. 04/30/2022 - There were no substantive changes to this finding identified during April. A Security Assessment is still planned for the	Project Manageme	issue	inedium	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk. Failure to secure PII/PHI data leaves the organization open to highly targeted social engineering attacks,	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue. 04/30/2022 - There were no substantive changes to this finding identified during April. A Security Assessment is still planned for the second quarter of 2022, which will likely	Project Manageme	issue	inedium	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk. Failure to secure PII/PHI data leaves the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for effectively managing the	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue. 04/30/2022 - There were no substantive changes to this finding identified during April. A Security Assessment is still planned for the second quarter of 2022, which will likely require BHA to act on this finding in May or	Project Manageme	issue	Medum	Орен		
12.00		PII/PHI data currently exist in a non- production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk. Failure to secure PII/PHI data leaves the organization open to highly targeted social engineering attacks,	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	consider limiting the volume of environments with PII/PHI data and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data,	changes to this finding identified during May. The Security Assessment will commence after the associated contracts are executed, approximately in July. BHA continues to actively discuss various options for addressing this issue. IV&V will continue to monitor this medium criticality issue. 04/30/2022 - There were no substantive changes to this finding identified during April. A Security Assessment is still planned for the second quarter of 2022, which will likely require BHA to act on this finding in May or June 2022. IV&V continues to note that some	Project Manageme	issue	Medum	Орен		
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13.00	8/31/2020	Project not able to access	The Project recently deployed audit log		IV&V recommends that DHS continues to collaborate with		Release/Deployme	Risk	N/A	Closed	Darren Macdonald	Finding has been resolved.
		Activity Logs	· · ·	hamper the investigation of future		longer an issue and recommends closure.					iviacuonaiu	resolved.
				security breaches.	Microsoft until the activity	IV&V is closing this finding.02/28/2021 - BHA						
			exported as needed. However, IV&V was made aware access to activity		logging feature is available in all BHA non-production	continued this effort in February despite a						
			logging for users with just view		environments.	workaround being necessary from Microsoft due to a layering issue. Based on continued						
			permissions will not be available from		environments.							
			·			delays, it is unclear when this important						
			Microsoft in the public sector			security activity will be completed. IV&V will						
			environment until the end of			continue to monitor this finding. (Per Kamu,						
			September 2020. The unavailability of			this status information did not correctly						
			these specific activity logs could			reflect the issue as the layering issue has no						
			potentially hamper the investigation of			relation to the activity logs.)01/31/2021 - The						
			future security events until			implementation effort for this activity moved						
			implemented.			forward in January. Some of the entities will						
						have activity logging completed in the						
						planned early February Release 3.12, while						
						others will be delayed until Release 3.13. IVV						
						will continue to monitor. 12/31/2020 - The						
						planning effort for identifying the entities						
						that will require activation of the new activity						
						logs was completed during December. The						
						implementation effort has been prioritized						
						for inclusion in Release 3.12. IV&V will						
						continue to monitor this finding until						
						implemented. 11/30/2020 - The DOH						
						technical team has commenced the						
						analytical effort to determine which entities						
14.00	9/30/2020	Due to multiple quality	System defects identified in August	The identified quality issues have	Evaluate existing project staff	05/31/2022 - R3.23 was promoted to	Project Manageme	Issue	Medium	Open	Darren	
		concerns, the project may	that affected claims were due to multi-		skills and experience level to	production on 5/8/2022. There were four (4)					Macdonald	
		continue to face impactful	faceted quality issues were individually		ensure they meet BHA support	defects noted after the deployment. One was						
		system defects.	addressed during this reporting period.	•	requirements.	of high criticality and the remaining three						
			IV&V notes that there is one remaining	discovered to date.	Perform revenue neutrality	were of medium criticality. The formal RCA						
			defect still being evaluated that affects		fiscal balance testing on a	for R3.23 conducted on 5/19/2022 tied the						
			a limited number of claims. Overall, the		quarterly basis to ensure	defects to design, coding, and deployment						
			Project Team has responded with a		revenues are as expected.	errors. Specific action items were identified						
			commitment to increase project		Assign dedicated resources to	to address these errors and are currently						
			quality and is in the process of		provide oversight of CAMHD	being implemented.						
			identifying improvements to associated		Fiscal Processes.	IV&V is concerned at the increasing volume						
			testing processes. These currently		Monitor implemented	of defects vs planned user stories and						
			include:Performing Revenue Neutrality		improvements for	requests. Forty-three (43) % of all USPs in						
			Testing to ensure expected revenue		effectiveness.	R3.23 were attributable to defects which is						
			streams are largely unchanged from		IV&V recommends performing	more than double the target threshold of						
			one period to the next. Conducting		an RCA in collaboration with	20%. IV&V will continue to monitor this						
			System Integration Testing, User		RSM after all future release	finding and trend.						
			Acceptance Testing, Performance		deployments for continual	04/30/2022 - There were no substantive						
			Testing, and Regression Testing for		quality improvement.	changes to this finding identified during April.						
			Release 3.10. IV&V will continue to		BHA and RSM to collaborate on	A Security Assessment is still planned for the						
1			monitor the testing efforts throughout		the necessary revisions to the	second quarter of 2022, which will likely						
1					Landa and take a strain of a few states of a 15 common factor as	require BHA to act on this finding in May or					1	1
			the balance of Release 3.10 and		submitted design deliverables			I				
			the balance of Release 3.10 and validate that enhanced quality		to increase level of detail and	June 2022. IV&V continues to note that some						
					_							
			validate that enhanced quality		to increase level of detail and	June 2022. IV&V continues to note that some						
			validate that enhanced quality processes, including industry standard		to increase level of detail and quality. Perform typical project testing including System Integration,	June 2022. IV&V continues to note that some of the automated regression tools being						

45.00	40/5/2020	The analysis acted to intent to obtain	D - f lt	D - f lt	04/24/2024 The market has made and	Taurata d I/T	Dare Harrison and	N1 / A	Classid	D	The constant has
15.00	10/5/2020 Usage of Semantics and IDM	The project noted its intent to obtain	Default	Default	01/31/2021 - The project has made great	Targeted KT	Preliminary	N/A	Closed	Darren	The project has
	for development and ongoing	more targeted knowledge transfer of			strides addressing this concern. A Semantics		Concern			Macdonald	made good
	maintenance of the system	both the Semantics Reporting and IDM			Layer KT session was conducted on 1/29/21						progress
	requires BHA to take a	tools. IV&V will continue to monitor			and multiple IDM and Semantic Layer						establishing and
	proactive approach to support	this concern.			sessions has been scheduled in February.						initial execution
	of these tools.				IV&V is closing this finding as we no longer						of the IDM and
					view this item as a concern.12/31/2020 -						Semantics Layer
					IV&V is aware that an overview of the						KT plan.
					Semantics Layer KT session was held on						
					12/16/20. The planning effort will result in						
					additional Semantic Layer and IDM KT						
					sessions in the coming months. IV&V will						
					continue to monitor this finding.11/30/2020 -						
					The project conducted two high-level						
					overview sessions of the Semantic Layer						
					Reporting tools during November. One						
					session was focused on the overall Semantic						
					Layer, and the second session was focused						
					on Semantic Layer Security. Additional						
					targeted Knowledge Transfer sessions on the						
					Semantic Layer tools will need to be						
					provided by RSM; however, these have not						
					been scheduled. IV&V will continue to						
					monitor this finding.10/31/2020 - The project						
					intends to obtain more targeted knowledge						
					transfer for both the Semantics Reporting						
					and IDM tools and will be planning and						
16.00	10/27/2020 The bandwidth of CAMHD	CAMHD has been provided with an	CAMDH Leadership participation in	IV&V recommends CAMHD	06/30/2021 - As anticipated, the CAMHD	Project Manageme	Risk	N/A	Closed	Darren	CAMHD
16.00	10/27/2020 The bandwidth of CAMHD Leadership is being hampered	•	CAMDH Leadership participation in key activities could be significantly	IV&V recommends CAMHD look for opportunities to	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has	Project Manageme	Risk	N/A	Closed	Darren Macdonald	CAMHD Leadership time
16.00	Leadership is being hampered	approval to commence planning efforts	key activities could be significantly	look for opportunities to	Leadership time dedicated to the Project has	Project Manageme	Risk	N/A	Closed		
16.00	Leadership is being hampered by planning tasks and activities	approval to commence planning efforts for expansion of the project for ADAD	key activities could be significantly hindered by the flood of activities that	look for opportunities to augment the management	Leadership time dedicated to the Project has returned to normal and expected levels. As	Project Manageme	Risk	N/A	Closed		Leadership time dedicated to the
16.00	Leadership is being hampered by planning tasks and activities for assessing project expansion	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership	key activities could be significantly hindered by the flood of activities that could occur as the department	look for opportunities to augment the management staffing for planning Phase 4	Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021	Project Manageme	Risk	N/A	Closed		Leadership time dedicated to the project has
16.00	Leadership is being hampered by planning tasks and activities	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available	key activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	look for opportunities to augment the management	Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 As anticipated, CAMHD Leadership time	Project Manageme	Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	Leadership is being hampered by planning tasks and activities for assessing project expansion	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership	key activities could be significantly hindered by the flood of activities that could occur as the department	look for opportunities to augment the management staffing for planning Phase 4	Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 As anticipated, CAMHD Leadership time spent on efforts outside of the Inspire Project	Project Manageme	Risk	N/A	Closed		Leadership time dedicated to the project has
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16.00	Leadership is being hampered by planning tasks and activities for assessing project expansion	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available	key activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	look for opportunities to augment the management staffing for planning Phase 4	Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 As anticipated, CAMHD Leadership time spent on efforts outside of the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor.04/30/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine	Project Manageme	Risk	N/A	Closed		Leadership time dedicated to the project has returned to

17.00	11/30/2020 Due to consistent technical	The IDM and Semantic layer efforts	Default	IV&V recommends the project	08/31/2021 -The number of issues requiring	Release/Deployme	Issue	N/A	Closed	Darren	The volume of
17.00	issues requiring escalation to	have experienced several delays	Delauit	to continue to monitor the	assistance from Microsoft continues to	Release/ Deployine	issue	N/A	Cioseu	Macdonald	interactions
	Microsoft, some project efforts	attributable to issues escalated to			remain limited, and as such, IV&V is closing					iviacuoriaiu	needed with
	are being delayed.	Microsoft. The issues have ranged		tickets and to escalate the	this finding. 07/31/2021 - While the number						Microsoft remains
	are semig aciayear	from administrative / communication		priority of these tickets as	of issues requiring assistance from Microsoft						low and
		(entering issues into the Commercial		deemed necessary.	remains limited, interactions with Microsoft						manageable. This
		support instance vs the Government		,	are increasing again due to the interface						condition is no
		Cloud support instance), to several key			functionality planned for implementation in						longer impeding
		technical issues requiring assistance to			the current and remaining DD&I releases.						project progress.
		resolve. To date, these support needs			The FHIR API interface has required multiple						, ,,,,,,
		have added over a month to the IDM			interactions with Microsoft that have						
		and Semantic Layer project schedules.			resulted in unplanned schedule slippages for						
					the FHIR API implementation. IV&V will						
					continue to monitor this finding. 06/30/2021 -						
					The number of issues requiring assistance						
					from Microsoft continues to be low with only						
					two known items open. As such, IV&V is						
					reducing the priority of this finding to low						
					and will continue to monitor.05/31/2021 -						
					There is only one open Microsoft ticket						
					affecting the attachment of Claims to the						
					Batch. As such, IV&V is reducing the criticality						
					of this finding from High to Medium and will						
					continue to monitor. 04/30/2021 - BHA						
					continues to work with Microsoft on						
					technical issues as they arise in the						
					Government Community Cloud (GCC)						
18.00	12/31/2020 Due to on-going deployment	There have been several defects	Repeatable documented release and	Ensure there are adequate and	05/31/2022 - R3.23 was promoted to	Release/Deployme	Issue	Medium	Open	Darren	
	processes and technical	pushed to production with Phase 3	deployment will help ensure that	qualified resources to support	production on 5/8/2022. There were four (4)					Macdonald	
	execution issues, the Project	releases. Some of the defects	mistakes are minimized, and that	the current deployment	defects noted after the deployment. One was						
	may continue to encounter	introduced to production have been	functionality is not mistakenly		of high criticality and the remaining three						
	defects and challenges in	narrowed down to environmental	deprecated when deployments take		were of medium criticality. The project						
	meeting projected timelines	promotional activities. In these	place.	provide assistance and	conducted an R3.23 RCA on 5/19/2022. One						
	for production and non-	instances, the DEV and TEST			of the medium defects was related to a						
	production deployments.	environments were not in sync with			missed deployment step.						
		the production environment (missing business rules, missing components,		components. Work in collaboration with	IV&V continues to note that the availability of staff for deployment continues to hinder						
		missing dependencies, etc.). IVV is		RSM to establish a transition	the project efforts. IV&V will continue to						
		aware that DOH staff shadowed RSM		plan for DOH to assume all	monitor this finding.						
		staff for all deployment releases during		deployment activities to ensure	04/30/2022 - There were no substantive						
		Phase 2 with RSM providing instruction		complete ownership of these	changes to this finding identified during April.						
		and DOH staff physically executing the		processes. This should assist	A Security Assessment is still planned for the						
		tasks and activities via keyboard. For		with consistency in approach	second quarter of 2022, which will likely						
		T		and execution going forward.	require BHA to act on this finding in May or						
		Priase 3, it is unclear whether a		and execution going forward.							1
		Phase 3, it is unclear whether a complete, up to date, and documented		As appropriate, consult with	June 2022. IV&V continues to note that some						
				As appropriate, consult with							
		complete, up to date, and documented		As appropriate, consult with	June 2022. IV&V continues to note that some						
		complete, up to date, and documented deployment script, or deployment		As appropriate, consult with RSM on best practices that BHA	June 2022. IV&V continues to note that some of the automated regression tools being						
		complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for		As appropriate, consult with RSM on best practices that BHA could employ to support	June 2022. IV&V continues to note that some of the automated regression tools being evaluated include data masking capabilities						
		complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for		As appropriate, consult with RSM on best practices that BHA could employ to support deployment.	June 2022. IV&V continues to note that some of the automated regression tools being evaluated include data masking capabilities which will help to mitigate this issue. If the						
		complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for		As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Request the assistance of the RSM Solution Architect in	June 2022. IV&V continues to note that some of the automated regression tools being evaluated include data masking capabilities which will help to mitigate this issue. If the chosen tool does not include this capability,						
		complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for		As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Request the assistance of the RSM Solution Architect in reviewing and correcting issues	June 2022. IV&V continues to note that some of the automated regression tools being evaluated include data masking capabilities which will help to mitigate this issue. If the chosen tool does not include this capability, BHA plans to work with RSM for potential						
		complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for		As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Request the assistance of the RSM Solution Architect in reviewing and correcting issues	June 2022. IV&V continues to note that some of the automated regression tools being evaluated include data masking capabilities which will help to mitigate this issue. If the chosen tool does not include this capability, BHA plans to work with RSM for potential solutions. IV&V will continue to monitor this						

	solution to the State prior to contract end.	September 2021. BHA will need a transition plan to ensure that it has all knowledge transfer and is fully capable of managing all aspects of supporting and maintaining the D365 solution without vendor support until at least the Phase 4 expansion effort is procured and initiated. The Phase 4 effort is currently expected to commence late in the 4th quarter of 2021, or early in the first quarter of 2022. The Phase 4 procurement scope is planned to include additional DD&I activities, as well as M&O support activities.	user stories, testing, regression testing, deployment, and the support and maintenance of the entire system, there is a risk that environment stability may be challenged.	aspects of the project prior to September 2021. If the knowledge transfer takes more time than planned, consider developing, testing, and promoting less releases in the summer months as the transition off of vendor support approaches.	amendments to extend the DD&I effort (Mod 5) to the end of December 2021 and also provide M&O services (Mod 6) through May 2022 were fully executed in May. IV&V is closing this preliminary concern. 04/30/2021 - The RSM contract amendment is still pending approval. This amendment will extend the DD&I effort (Mod 5) to the end of December 2021 and will also provide M&O services (Mod 6) through May 2022. Mod 5 is expected to be approved in May 2021. This will delay the near-term need for a Transition Plan until first quarter 2022. IV&V will continue to monitor this finding.	Project Manageme Preliminary Concern	N/A	Closed	Vic Dudoit	The RSM amendments were fully executed in May 2021.
20.00 4/30/	2021 The DDD Project Manager will be on leave and unavailable to the project starting in May.		The DDD Project Manager is critical to all daily project interactions affecting DDD from a functional and managerial perspective. If her duties are not reassigned to capable staff prior to her planned absence, DDD will be in a challenged position to effectively contribute to at least the next several releases.	1) IV&V recommends DDD to continue to look for opportunities to augment the existing technical staff in order to fully support current DDI project work.2) IV&V recommends DDD to consider augmenting their current PM/Business staff in order to allow their technical staff to focus on technical duties.	08/31/2021 - The DDD Project Manager returned from her absence, alleviating the DDD technical staff bandwidth/workload challenges. IV&V is closing this finding.07/31/2021 - The DDD technical staff continued to face bandwidth/workload challenges during the month of July. Fortunately, the DDD Project Manager is scheduled to return to work on 8/2/2021 allowing the technical staff to return fully to their technical responsibilities.06/30/2021 - The absence of the DDD Project Manager continues to cause bandwidth/workload challenges for DDD technical staff. Time available for typical DDD CRM assignments was limited in June due to this resource constraint. IV&V has promoted this finding from a Preliminary Concern to a Medium criticality issue and will continue to monitor. 05/31/2021 - The highest priority tasks and activities typically accomplished by the DDD Project Manager have been re-assigned to other DDD staff. IV&V notes that this results in some level of bandwidth/workload challenges for DDD technical staff.	Project Manageme Issue	N/A	Closed	Darren Macdonald	The DDD Project Manager has returned from her leave, fully mitigating this issue.

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23.00	7/31/2021 The current DDI period	expires The current Project Staffing Model	Existing contractual agreements.	Obtain IAPDU approval from	02/28/2022 - The IAPDU was approved by	Project Manageme	Issue	Low	Closed	Darren	
25.00	at the end of December		Existing contractad agreements.	CMS.	Federal partners in early February, which	i roject wanageme	13346	2000	ciosca	Macdonald	
	which will require RSM	•		CIVIS.	extended the DD&I effort through October					Widedonaid	
	transition of the D365 s				2022. Transition from RSM will not be						
	to the State prior to cor				required until approximately August 2022.						
	end.	should commence the development of			Based on the extended time being available						
		a transition plan to ensure the			for transition efforts, IV&V is closing this						
		appropriate replacement State			finding.						
		resources are identified/secured and			01/31/2022 - There were no substantive						
		the necessary knowledge transfer			changes to this finding observed during						
		sessions are planned and executed			January as BHA continues to pursue CMS						
		with RSM. BHA will need to be sure			Federal funding approval for extending DD&I						
		they are ready to take on the			through October 2022 followed by M&O						
		development of user stories, testing,			through September 2024. IV&V will continue						
		deployment, and the support and			to monitor this finding until Federal funding						
		maintenance of the entire system by			approved.						
		the end of the DDI period (December			12/31/2021 - There were no substantive						
		2021).			changes to this finding observed during						
					December as BHA continues to pursue CMS						
					Federal funding approval for extending DD&I						
					through October 2022 followed by M&O						
					through September 2024. IV&V will continue						
					to monitor this finding until Federal funding						
					approved.						
					11/30/2021 - There were no substantive						
					changes to this finding observed during						
					November. In late October, PAC approved						
24.00	10/29/2021 The R3.19 Solution Upg	rade Solution upgrades are essential for	Daily Scrum Reporting	Ensure there are adequate and	11/30/2021 - R3.19 was promoted to	Project Manageme	Issue	High	Closed		Technical issue
	technical issues are dela			qualified resources to support	production as an FSU on 11/14/2021 and						resolved and were
	the implementation of	T-		the current Solution Upgrade	access to the development and test						attributed to the
	release and the ability f			I' ' '	environments was again restored. Because						following:
	to develop and test cod	_			the solution upgrade was the first in five (5)						Import of
		information. The current R3.19		provide assistance and	releases, the deployment process took						solution taking 1-
		solution upgrade work efforts that		knowledge transfer.	approximately 12 hours. This issue did have					l l	2 hours, timed
		includes patches for 5 releases (R3.15-		As appropriate, consult with	an impact both on the amount of DDI						out in PROD, so
		R3.19) is causing technical issues. As a		RSM on best practices that BHA							had to restore
		result, R3.19+ development and testing	21	could employ to support the	downstream releases and cost implications.				1	1	and then restart
1 1		work is hampered until these technical		Solution Upgrade.	IV&V has closed this finding, as it was						from a previous
					IV&V has closed this finding, as it was alleviated by the R3.19 release on						from a previous point in time
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021.						from a previous point in time backup
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19						from a previous point in time backup • Errors are vague
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have						from a previous point in time backup • Errors are vague – sometimes
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development						from a previous point in time backup • Errors are vague – sometimes indicating
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and						from a previous point in time backup • Errors are vague - sometimes indicating "failure" but actually successful
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but actually successful • MS moving
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by this issue. IV&V will continue to monitor this						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but actually successful • MS moving away from Classic
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but actually successful • MS moving away from Classic UI which is
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by this issue. IV&V will continue to monitor this						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but actually successful • MS moving away from Classic UI which is changing the
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by this issue. IV&V will continue to monitor this						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but actually successful • MS moving away from Classic UI which is changing the availability of
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by this issue. IV&V will continue to monitor this						from a previous point in time backup • Errors are vague • Errors are vague - sometimes indicating "failure" but actually successful • MS moving away from Classic UI which is changing the availability of some
		work is hampered until these technical			IV&V has closed this finding, as it was alleviated by the R3.19 release on 11/14/2021. 10/31/2021 - Due to the current R3.19 Solution Upgrade technical issues, staff have been advised to stay out of the development and test environments until the issues have been resolved. As a result, development and testing for R3.19 and forward are affected by this issue. IV&V will continue to monitor this						from a previous point in time backup • Errors are vague – sometimes indicating "failure" but actually successful • MS moving away from Classic UI which is changing the availability of
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