

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

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

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

May 15, 2025

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

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

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

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

Sincerely,

Christine M. Sakuda Chief Information Officer State of Hawai'i

Attachments (2)



Hawaii Department of Human Services Systems Modernization Project

Final IV&V Status Report for Reporting Period: April 1 – 30, 2025

Submitted: May 14, 2025



Overview

- Executive Summary
- IV&V Findings and Recommendations
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Executive Summary

Executive Summary



In April, the project team mainly focused on activities and tasks to prepare for the next significant milestone, System Integration Testing (SIT), planned to begin on June 23, 2025. Key project areas with current challenges include:

- Security: The project team is challenged to remediate security findings within the required timeframes; currently, 80 findings are past due. Risks still exist in receiving approval from federal data sources needed for BES. Progress was made regarding the Secure Enclave, leading to the beginning of end-to-end testing activities.
- Requirements Management: The ASI has increased meeting frequency with DHS to more precisely categorize and define all requirements. However, this effort has delayed the development of the accurate and comprehensive Requirements Traceability Matrix (RTM) needed for DHS to validate scope and confirm that all required functionality is available or that appropriate workarounds are identified.
- Testing: While resolving defects from past UAT activities has been challenging, the ASI has revised its testing processes, which may enhance future testing effectiveness and improve reporting.
- Interfaces: Functional and technical testing of interfaces did not progress in the reporting period. Not completing this testing may impact readiness for SIT testing. The project team is working through these issues, and fortunately, none of the key implementation dates have been affected as of the date of this report.

IV&V observed both DHS and the ASI taking actions to limit 'scope creep' on the project during project meetings; DHS verbally communicates that any changes must be driven by existing unmet requirements or adherence to Federal or State policies. Waterfall best practices generally recommend that System Integration Testing (SIT) should only commence once all development work is finished, which will be challenging for the ASI, given the complexity of the BES system and only a one-week gap in the project schedule between development completion and start of SIT. If some components are not ready, the project may need to consider mitigation strategies to prevent any delays to the Pilot start date.

Feb	Mar	Apr	Category	IV&V Observations
Н	M	M	Project Management	The ASI reenergized their risk management activities and coordinated several working sessions to discuss concerns on Batch Processing, Data Conversion, and Requirements management.

Executive Summary

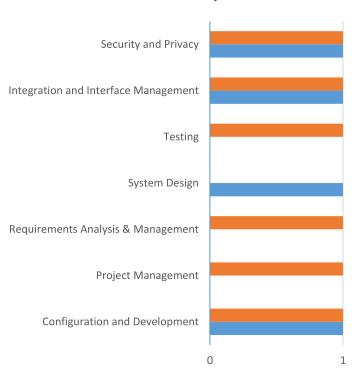


Feb	Mar	Apr	Category	IV&V Observations	
L	L	L	System Design	The ASI submitted the BI-10 Functional and System Design and BI-11 Data Integration and Interface Design deliverables to DHS for their review and approval. These are two major and extensive project deliverables for the ASI and DHS to ensure that all design decisions are thoroughly documented	
M	M	M	Configuration and Development	The ASI continued to implement changes defined in the process improvement plan, which has a positive impact on application development. the ASI has reported that their code coverage has improved., reflecting more comprehensive unit testing being executed.	
L	L	L	Integration and Interface Management	No progress was made during the month to define and execute physical testing of interfaces, which may impact ASI's ability to be ready for SIT testing in June.	
M	M	M	Testing	resulted in several policies going through the review/approval process. The ASI led several working sessions throughout the month with DHS, FNS and IV&V focused on addressing outstanding requirement updates – which are required to generate	
M	M	M	Security and Privacy		
M	M	M	Requirements Analysis & Management		



As of the April 2025 reporting period, PCG is tracking 10 open findings (6 risks, 4 issues) and has retired 81 findings. Of the 9 open findings, 6 are Medium, and 4 are Low.

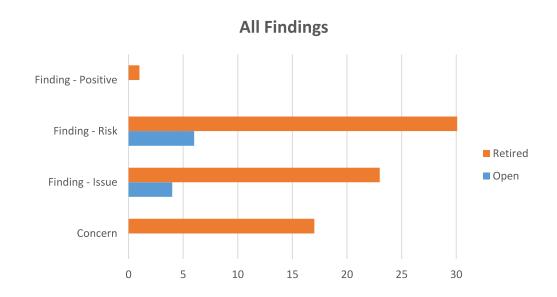
Open Risks & Issues







The following figure provides a breakdown of the 91 IV&V findings (positive, risks, issues, concerns) by status (open, retired).





Findings Opened During the Reporting Period

	#	Finding	Category
		Med Risk - Delays in getting FNS approval to use the eDRS interface may result in not having this ready for SIT, delaying access to this functionality	
1	107	Observation: Form #674 has not been submitted to FNS for approval, as it remains unsigned and unapproved by DHS as of this reporting period. As a result, the project team has been unable to access eDRS (electronic Disqualified Recipients System) data or perform interface validation. In the legacy HAWI system, this interface enables real-time disqualification checks, which is also required in BES. Significance: The eDRS interface identifies individuals disqualified from receiving benefits in other states. Its real-time validation capability is critical for program integrity and eligibility compliance. Continued testing delays undermine BES readiness to meet federal requirements.	Integration and Interface Management
		If Form #674 approval is not obtained soon, the eDRS interface will remain untested during SIT in mid-June. This increases the risk of deploying unverified functionality, potential federal compliance violations, and additional technical debt after go-live.	



Findings Retired During the Reporting Period

#	Finding	Category
	None	



Preliminary Concerns Investigated and Retired During the Reporting Period

#	Finding	Category
	None	



Project Management

#	Key Findings	Criticality Rating
	Issue – A BES Project schedule based on inaccurate estimations diminishes effective planning and resource management, which could result in late deliverables, cost increases, and a late go-live.	
74	The BES project schedule continued to remain stable, with minor revisions to tasks. IV&V continues to monitor development tasks on the critical path as the ASI works to mitigate risk for complex functionality, such as client correspondence, that is scheduled to complete one week prior to SIT. Additionally, reporting of risk management was enhanced per the request of DHS.	M

Recommendations	
 Any work required to address findings from Root Cause Analysis should be included in the revised schedule to validate completion for DHS. 	In Process
 ASI develop a mitigation plan for minimal amount of slack time between development completion and start of SIT. 	In Progress



System Design

#	Key Findings	Criticality Rating	
73	Risk – The planned BES infrastructure is complex which could be difficult to implement and maintain and could lead to schedule/cost impacts.		
	The ASI is reporting they are on schedule to complete the infrastructure activities and tasks.		

Recommendations	Progress
 ASI develop a process to closely monitor cloud and other product changes (software updates/new releases), manage changes, and regression test once updates are applied. 	In Process
 The project team work to establish strong governance over the utilization and maintenance of various tools/components. 	In Process
 ASI allot time in the schedule to conduct proof of concepts to assure infrastructure components work as expected. 	In Process
 ASI maintain a detailed schedule for DevOps implementation tasks to avoid unexpected delays that could delay project milestones and the critical path. 	y In Process



Configuration and Development

#	Key Findings	Criticality Rating	
70	Risk – Insufficient configuration management could lead to development confusion and reduce the effectiveness of defect resolution.		
	IV&V continues to await receipt of the Configuration Management Plan from the ASI.		

Recommendations	
 ASI adhere to plans for configuration management as documented in BI-6 DDI Plan, Section 5.2 and clarify details and/or any changes with DHS. 	y In Process
 ASI validate plans for configuration management with DHS and agree on a meaningful set of configuration items or settings they will track. 	In Process



Configuration and Development

#	Key Findings	Criticality Rating
80	Issue – Development delays have negatively impacted the project schedule and delayed go-live. The ASI reported they continue to address previous development challenges and improve their development velocity. However, now that the project has switched to a Waterfall methodology, the ASI has limited system demos to just prior to the start of Integration and System Integration Testing (SIT) testing. This can limit visibility into development progress and productivity, potentially leading to unexpected project delays if productivity and system design issues are realized.	M

Recommendations	Progress
 ASI provides DHS with the time needed to effectively evaluate the software demonstrations (demos) and elicit productive design discussions with DHS attendees during each demo. 	In Process
 IV&V recommends the project closely monitor progress on the customer correspondence CR and create a mitigation strategy to avoid delays. 	In Process



Integration and Interface Management

#	Key Findings	Criticality Rating
	Risk – Due to the lack of physical and technical (Transport Layer) testing of the interfaces and data transfer failure, conditions may exist with data format, boundaries, and dependencies. These failures may result in intermittent and hard-to-isolate problems or errors.	
93	No additional progress was observed during this reporting period. Last year, technical testing was completed for the seven (7) interfaces planned for BES 1.0. However, test cases and scripts for fourteen (14) additional interface partners need to be developed and executed. IV&V remains concerned that continued delays in addressing these outstanding tests will reduce the time available for resolving defects and operational problems.	L

Recommendations	Progress
API interfaces should be tested for failure conditions during connection and transfer operations.	In Process
FTP and file interfaces should be tested for data and file integrity.	In Process
 Test data fields for system impacts resulting from data that is poorly formatted, out of range, or other unexpected data transmission errors. 	In Process



Testing

#	Key Findings				
83	Issue – Gaps in test coverage and slower-than-expected progress in testing may result in schedule delays if subsequent test phases uncover a higher volume of defects and user feedback than initially anticipated. As of April 29, 2025, some of the defects from the previous testing cycle are being worked on by the ASI, with 162 defects (39 high,87 medium, 36 low) in "Ready for UAT" status (fix complete, not deployed to UAT environment) and 26 defects (13 high, 3 medium, 10 low) "In UAT" status (fix deployed to UAT environment) while 56 defects are in progress. A comparison with last month's progress reveals the ASI closed eight defects (two high-priority, four medium-priority, and two low-priority). ASI has confirmed that delays in defect resolution is due to blockers and a focus on DDI work. Additionally, INT testing for the following Epics has been completed and are ready for SIT. • Epic 207 - Limit BES Automating Data Population from BES-SSP • Epic 210 – Application • Epic 242 – Eligibility • Epic 264 – Interview • Epic 283 - HYCF/DPS Interface Updates The ASI also provided evidence of process improvements implemented to enhance the upcoming testing cycle. IV&V will continue monitoring ASI's progress.	M			
Rec	ommendations	Progress			
	HS and ASI revisit the testing approach to prioritize completion of remaining test activities and conduct omprehensive System Integration testing (SIT) to minimize defect leakage to User Acceptance Testing (UAT).	In Progress			
	SI assesses the potential impact of the large number of unresolved defects on future development efforts, nsuring a more robust and efficient development process.	In Progress			
	 ASI develop and implement a revised testing approach to improve the completeness and thoroughness of future testing cycles. 				



Security and Privacy

#	Key Findings	Criticality Rating				
	Issue – The lack of technical documentation may lead to incorrect implementation statements or delay the System Security Plan (SSP).					
82	Throughout April, the ASI security team validated the SSP Control implementation Statements with the DevOps team to ensure that what is documented in the SSP is accurate with the implemented system. The ASI turned over six policies to DHS for approval; two policies have completed peer review, have been updated, and have been sent to QA review. Twelve policies are ready for peer review. DHS and the ASI met on April 28th and developed a plan for the BES system-level policies to be reviewed and approved by the end of the year. Implementing the Secure Enclave progressed as IDCS (Oracle Identity Cloud Service) and Role-Based Access Control roles were completed and tested. Additionally, the audit framework was completed, and the ASI started end-to-end testing.	L				

Recommendations	Progress
Collaborate and communicate with SSP authors about when reliable and correct documentation will be available.	In Process
 Include the Secure Enclave within the work breakdown structure along with the known tasks related to the IRS Assessment to continue receiving FTI in BES. 	In Process



Security and Privacy

#	Key Findings	Criticality Rating
	Risk – Critical and high vulnerability and configuration scan findings are not remediated within the documented timeframes, potentially impacting the project schedule and causing delays.	
100	As of April 28th, BES had 32 critical findings with an open, in progress, or deferred status outside the 15-day remediation timeframe, and two critical findings were within the timeframe. BES had 56 high-rated findings with an open, in progress, or deferred status outside the 30-day remediation timeframe, and 29 high-rated findings were within the timeframe. The ASI has noted that several environments are shut down for cost savings, which will be patched when brought back online. The Plan of Action Milestones (POAMs) remain open until all vulnerable hosts have been remediated. The ASI updated the BES Vulnerability Management Procedures document with the Jira ticketing process and workflow.	M

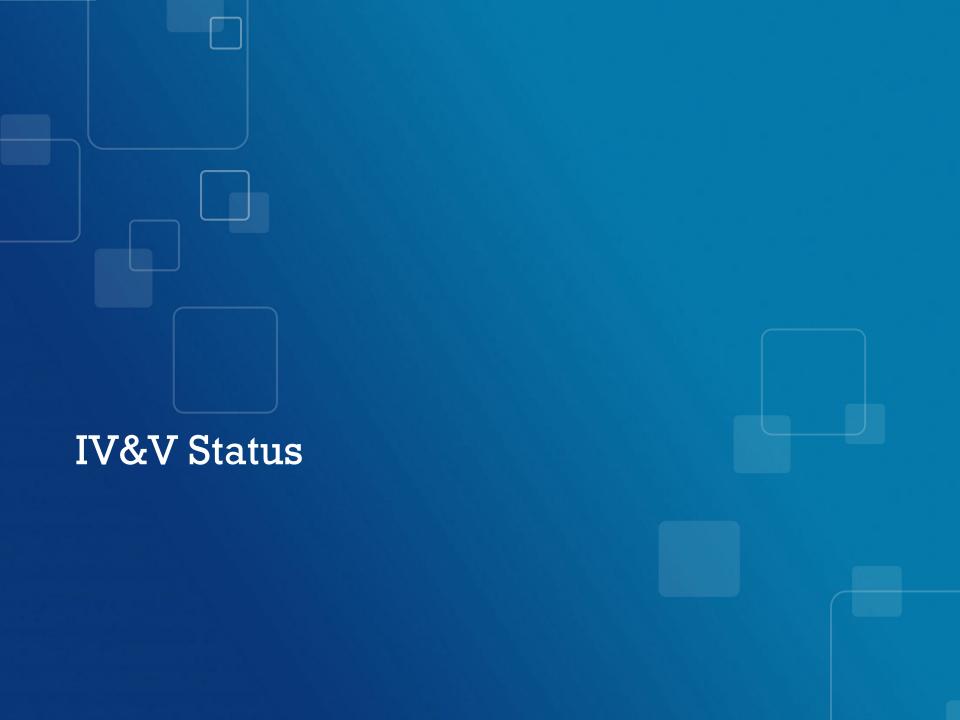
Recommendations	Progress
 Update the BES Vulnerability Management Procedures document with the Jira ticketing process and workflow from vulnerability and configuration scan remediation with who owns each step. 	Completed
Implement an escalation process to involve senior leadership if deadlines are missed.	In Progress



Requirements Analysis & Management

#	Key Findings	Criticality Rating
	Risk - The lack of an effective way to validate BES requirements could lead to project delays and unfulfilled user needs if DHS later identifies unmet contractual requirements.	
94	DHS and the ASI continue to identify the details of the content and format of the RTM. Without adequate contract requirement traceability, this could lead to requirements not being fully met, resulting in project delays. During the Bi-Weekly BES CCB meeting on 4/16/25, the ASI provided a walkthrough to DHS and IV&V to show their updated RTM with the simplified view that DHS requested. DHS and ASI identified some key steps to finish the RTM, including agreements on: - obsolete requirements - out of scope requirements - deferred requirements - retraced requirements After these requirements are completed, the focus will be on New Change Requests, Technical Untraced, and Maintenance and Operations (M&O) Application requirements.	M

Recommendations	Progress
 Develop a document that provides DHS with a feasible and effective way to map contract requirements to passed test cases, and, per the BI-19 (Complete and Final Test Plan),"Maps the implementation, functional and technical requirements to the test cases and test scripts". 	In Process
Ensure test scripts thoroughly and comprehensively test the system to assure each requirement has been fully met.	In Process
Develop a deliverable that provides an audit trail for changes to the requirements from the contract such as obsoleted requirements, when that decision was made, and the change requests.	In Process
 Provide weekly updates about the clean-up efforts in JIRA regarding incorrect statuses of epics, use case, and requirements. 	In Process



IV&V Engagement Status



IV&V Engagement Area	Feb	Mar	Apr	Comments
IV&V Budget				
IV&V Schedule				
IV&V Deliverables				PCG submitted the final March IV&V Monthly Status Report.
IV&V Staffing				
IV&V Scope				

		Engagement Status Legend	
with	engagement area is in acceptable ameters.	The engagement area is somewhat outside acceptable parameters.	The engagement area poses a significant risk to the IV&V project quality and requires immediate attention.

IV&V Activities



- IV&V activities in the April reporting period:
 - Completed March Monthly Status Report
 - Ongoing Review the BES Project Artifacts and Deliverables
 - Ongoing Attend BES Project meetings, (see <u>Additional Inputs</u> pages for details)
 - Ongoing Review available ASI contracts and contract amendment documentation
- Planned IV&V activities for the May reporting period:
 - Ongoing Observe BES Design and Development sessions as scheduled
 - Ongoing Observe Bi-Weekly Project Status meetings
 - Ongoing Observe Weekly Architecture meetings
 - Ongoing Observe Weekly Security meetings
 - Ongoing Monthly IV&V findings meetings with the ASI
 - Ongoing Monthly IV&V Draft Report Review with DHS, ETS and ASI
 - Ongoing Participate in Bi-Weekly DHS and IV&V Touch Base meetings
 - Ongoing Review BES artifacts and deliverables

Deliverables Reviewed



Deliverable Name	Deliverable Date	Version
BI-05 Project Schedule	4/02/2025, 4/10/2025, 4/15/2025, 4/24/2025	N/A
BES 1.0 – BI-10 Functional and System Design	4/16/2025	N/A
BI-02 Project Status Report	4/02/2025, 4/09/2025, 4/16/2025, 4/23/2025	N/A
BES 1.0 – BI-11 Data Integration and Interface Design Deliverable	4/16/2026	N/A

Additional Inputs – Artifacts



Artifact Name	Artifact Date	Version
BES 2023 Design Kanban board	N/A	N/A
FNS Handbook 901	01/2020	V2.4
NIST Special Publication 800-53 Security and Privacy Controls for Information Systems and Organizations	12/20/2020	Rev.5
SNAP_System_Integrity_Review_Tool	Sept 2022	N/A
Interface Dashboard – Confluence page	N/A	N/A
BES 2023 Implementation Planning – Confluence page	N/A	N/A
R0.12 Epic Assignment	N/A	N/A
R0.12 Epic and Sprint Demo Recordings	N/A	N/A
ADA dashboard	N/A	N/A
Jira Requirements Details	N/A	N/A
Jira Testing Lists	N/A	N/A
UAT Testing Dashboard	N/A	N/A
Waterfall Methodology Plan	N/A	N/A

Additional Inputs



Meetings and/or Sessions Attended/Observed:

- 1. IV&V Team Meeting 4/3/2025, 4/7/2025, 4/8/2025, 4/14/2025, 4/18/2025, 4/21/2025, 4/28/2025
- 2. IV&V/ASI March Pre-draft Review 4/4/2025
- 3. HI DHS BES March Draft IV&V Report Review 4/11/2025
- 4. Bi-Weekly DHS BES PMO/IV&V Check-in 4/10/2025, 4/25/2025
- 5. Bi-Weekly DHS and IV&V Touch Base 4/1/2025, 4/15/2025, 4/29/2025
- 6. Weekly BES Infrastructure meeting 4/4/2025, 4/11/2025, 4/25/2025
- 7. Weekly Client BES 2023 Project Status Meeting 4/9/2025, 4/23/2025
- 8. Security Touchpoint 4/2/2025, 4/9/2025, 4/16/2025, 4/23/2025, 4/30/2025
- 9. (External) Bi-Weekly Client BES Implementation Schedule Review Meeting –
- 10. (Externa(I) Weekly Interfaces Touchpoint 4/7/2025, 4/21/2025, 4/28/2025
- 11. (External) Bi-weekly BES CCB Meeting 4/2/2025, 4/16/2025, 4/30/2025
- 12. eWorld/IV&V Mid-Month Check-in 4/16/2025
- 13. (External) Bi-Weekly BES Testing Workgroup Meeting 4/10/2025, 4/24/2025
- 14. (External) TOP Reconciliation Reports 4/21/2025
- 15. (External) BES Batch Schedule Day 3 4/21/2025
- 16. (External) BES CCB Working Session 4/28/2025





Appendix A – IV&V Criticality Ratings

Criticality Rating	Definition
Н	A high rating is assigned if there is a possibility of substantial impact to product quality, scope, cost, or schedule. A major disruption is likely, and the consequences would be unacceptable. A different approach is required. Mitigation strategies should be evaluated and acted upon immediately.
M	A medium rating is assigned if there is a possibility of moderate impact to product quality, scope, cost, or schedule. Some disruption is likely, and a different approach may be required. Mitigation strategies should be evaluated and 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 – Findings Log



The complete Findings Log for the BES Project is provided in a separate file.

Appendix C – Acronyms and Glossary



Acronym	Definition
APD	Advance Planning Document
ASI	Application System Integrator
BES	Benefits Eligibility Solution
CCWIS	Comprehensive Child Welfare Information System
CM	Configuration Management
CMMI	Capability Maturity Model Integration
CMS	Center for Medicare and Medicaid Services
CR	Change Request
DDI	Design, Development and Implementation
DED	Deliverable Expectation Document
DHS	Hawaii Department of Human Services
DLV	Deliverable
E&E	Eligibility and Enrollment
EA	Enterprise Architecture
ECM	Enterprise Content Management (FileNet and DataCap)
ESI	Enterprise System Integrator (Platform Vendor)
ETS	State of Hawaii Office of Enterprise Technology Services
FIPS	Federal Information Processing Standard
HIPAA	Health Information Portability and Accountability Act of 1996
IDM	Identity and Access Management (from KOLEA to State Hub)
IEEE	Institute of Electrical and Electronics Engineers
IES	Integrated Eligibility Solution
ITIL	Information Technology Infrastructure Library



Appendix C – Acronyms and Glossary

Acronym	Definition
IV&V	Independent Verification and Validation
KOLEA	Kauhale On-Line Eligibility Assistance
M&O	Maintenance & Operations
MEELC	Medicaid Eligibility and Enrollment Life Cycle
MEET	Medicaid Eligibility and Enrollment Toolkit
MOU	Memorandum of Understanding
MQD	Hawaii Department of Human Services MedQuest Division
NIST	National Institute of Standards and Technology
OE	Operating Environment
OIT	Department of Human Services Office of Information Technology
PIP	Performance/Process Improvement Plan
PMBOK®	Project Management Body of Knowledge
PMI	Project Management Institute
PMO	Project/Program Management Office
PMP	Project Management Plan
QA	Quality Assurance
QM	Quality Management
RFP	Request for Proposal
ROM	Rough Order of Magnitude
RMP	Requirements Management Plan
RTM	Requirements Traceability Matrix
SEI	Software Engineering Institute
SLA	Service-Level Agreement
SME	Subject Matter Expert



Appendix C – Acronyms and Glossary

Acronym	Definition
SOA	Service Oriented Architecture
SOW	Statement of Work, Scope of Work
VVP	Software Verification and Validation Plan
XLC	Expedited Life Cycle

Appendix D – Background Information



Systems Modernization Project

The DHS Enterprise Program Roadmap includes contracting with three separate vendors with the following high-level scope:

- ESI or Platform Vendor responsible for the shared technology and services required for multiple Application vendors to implement and support functionality that leverages the DHS Enterprise Platform.
- ASI or ASI Vendor responsible for the DDI of the Benefits Eligibility Solution (BES Project) enhancing the currently implemented Medicaid E&E Solution (KOLEA) and providing support for the combined Solutions.
- CCWIS Vendor responsible for the DDI of the CCWIS Solution to meet the needs of child welfare services and adult protective services (CCWIS Project) and providing support for the Solution.

Systems Modernization IV&V Project

IV&V performs objective assessments of the design, development/configuration and implementation (DDI) of DHS' System Modernization Projects. DHS has identified three high-risk areas where IV&V services are required:

- Transition of M&O from DHS' incumbent vendor to the ESI and ASI vendors
- BES DDI
- CCWIS DDI

On the BES DDI Project, IV&V is responsible for:

- Evaluating efforts performed by the Project (processes, methods, activities) for consistency with federal requirements and industry best practices and standards
- Reviewing or validating the work effort performed and deliverables produced by the ASI vendor as well as that of DHS to ensure alignment with project requirements
- Anticipating project risks, monitoring project issues and risks, and recommending potential risk mitigation strategies
 and issue resolutions throughout the Project's life cycle
- Developing and providing independent project oversight reports to DHS, ASI vendors, State of Hawaii Office of Enterprise Technology Services (ETS) and DHS' Federal partners

Appendix D – Background Information



What is Independent Verification and Validation (IV&V)?

- Oversight by an independent third party that assesses the Project against industry standards to provide an unbiased view to stakeholders
- The goal of IV&V is to help the State get the solution they want based on requirements and have it built according to best practices
- IV&V helps improve design visibility and traceability and identifies (potential) problems early
- IV&V objectively identifies risks and communicates to project leadership for risk management

PCG's Eclipse IV&V® Technical Assessment Methodology

- Consists of a 4-part process made up of the following areas:
 - 1. **Discovery** Discovery consists of reviewing documentation, work products and deliverables, interviewing project team members, and determining applicable standards, best practices and tools.
 - 2. Research and Analysis Research and analysis is conducted in order to form an objective opinion.
 - 3. Clarification Clarification from project team members is sought to ensure agreement and concurrence of facts between the State, the Vendor, and PCG.
 - 4. Delivery of Findings Findings, observations, and risk assessments are documented in this monthly report and the accompanying Findings and Recommendations log. These documents are then shared with project leadership on both the State and Vendor side for them to consider and take appropriate action on.

IV&V Assessment Categories for the BES Project

- Project Management
- Requirements Analysis & Management
- System Design
- Configuration and Development
- Integration and Interface Management
- Data Management and Conversion

- Security and Privacy
- Testing
- OCM and Knowledge Transfer
- Pilot Test Deployment
- Deployment

Ending Slide



Solutions that Matter

		Finding	Identified	and the second second	and the second second				Analyst	Finding			
10 Title Report Ti		Type Finding - Risk	Date Category 5/7/2025 Integration and Interface Management	Recipients System) data or perform interface validation. In the legacy HAWI	integrity and eligibility compliance. Continued testing delays undermine BES	channels to resolve the delay. 2. Define a deadline for approval in coordination with FNS and document a mitigation strategy, such as simulated data testing, if delays persist. 3. Communicate the dependency's	Event Horizon III Now	mpact Probabili 3	ty Priority 2 Med	Status Open	Status Update	Client Comments	Vendor Comments
106 Official and high vulnerability and configuration can findings are not remoderable to the configuration can findings are not remoderable within the documented standards.	Fig. 20 Page 14 Page 1	inding -	2/28/2025 Security and Princey	The MS system does not currently remediate critical widerabilities and compliance tooms within 15 days, and they horizontabless are not compliance tooms within 15 days, and they horizontabless are concentrated within 30 days as required by the BES Vulnerability Managemen Procedures documents.	vulnerability resolution and safeguard the BES system environment prior to going live. Un-remediated critical and high Nessus compliance scans can significantly hinder system development efforts by introducing security risks, compliance failutes, and operational readblocks. This lack of remediation of system configuration findings increases technical debt,	IN PROCESS's implement an escalation process to involve senior insiderbally infraedistics are insideral from the first disclared and the first disclared process and expensive from the first disclared from the system configuration on the business operation of how the hosts are used.	the IRS assessment or the next third- party assessment.	3	3 Med		OxJ09/2022 — And Part J28h, ISS-No 32 critical findings with meyon, in progress, or defired residue souther 8 to 3-50 creditates transferance, not so critical findings were within the intendrence. ISS nod 50 feet, seed in two critical findings were within the intendrence. ISS nod 50 feet, seed intendrence reconsidiates transferance and 25 feet, and seed intendrence intendrence. The ASD has noded that several environments are but down for cost sarleys, which will be pasticle when the past of the control of Astion Milliotations I POARDS (many see within the second environments) are but down for other seed of the control of Astion Milliotations I POARDS (many see with a few sections processed and seed of the control of	d	
94 The lack of an effective way to validate Bits, negariements cold led to project CRBs or requirements cold led to project CRBs of unfulfilled user needs if DHS later identifies unmet cord actual requirements.		Finding -	4/25/2024 Requirements Analysis & Management	The Requirements Traceability Martin (RTMI (IB-21) plays a start role in ensuring the systems compliance with contextual commisments by associating each requirement with passed test cass(a). However, the association of the provider plays of the start o	R is unclear to DMS and MV how the ASI will trace requirement coverage of the Competion. OF ST completion. OF ST completion of ST completion of ST completion. Of ST comp	effective way to map contract requirements to passed test cases, and, per	5/10/2024	3	3 Med		AJAZIAS - Olds and the ASI continue to sleently the details of the content as formed of the RTM. Work and equate control recording the project delays. Once the Seed to requirement to not being fully most, recoiling in project delays. Design the Seed Seed Seed Temestry on ASI/DA, the ASI provided as view that DSY comments on the Seed Seed Seed Seed Seed Seed Seed Se	g te	9/9/2034 include information on interim version provided prior to FAT. 7/12/2026 I'm not sure if this is worth noting but work noting but work noting but worth noting but an "herein" 8-12 in requirement criteria for entering into BES 10 ING. 06/14/2024 The B9.2 st IVIs collected has been reviewed and discussed multiple time at the bi-weekly clients at the bi-weekly clients are the bi-weekly clients and the size of the size
testing of the interfaces and data transfer failure, conditions may exist with data format, boundaries, and dependencies. These failures conditions are supported in intermittent and hard the cooler practices or errors.		Finding -	Interface Management	Acids from the functional testing accomplished during eyes beeing, specific data flow testing is usually part of an interface definition.	difficult be recolve issues, such as scrambled or missing data — or the system may have a failth or exception. Since the Project has not established and texted the fault scenarios, we do not know how the system may react.	connection and transfer operations. "Fill Part fills interfaces should be tested for data and fill lengthy." The old tail fills for system impacts resulting from data but to power formatted, and of range, or other transfers of the system in the control of the system of the control of the co					residual residual in the control of	ts ni	receive of the sur- received at the May pre-merce at the May pre-merce, a technical notice of the May pre-merce, a technical interface seam of the May pre-merce, a technical meter and the May pre-merce, a technical meters and the May pre-merce, a technical meters and the May pre-merce, and the May pre-merce, a technical meters and the May pre-merce, and the May pre
83 Gaps in text coverage and sower-blas- expected proprises in bettile may revail in schedule delay of submission text shares the source of the source of the source feedback than initially anticipated.	alsi, Neetu F	inding -	6/2/2023 Testing	After examining the Proyects 4.1 LO Noshbords, 8.11 Traceability Databoards, and Traceability of English de legislary. Concerning testings coverage, it appears to the control of English of English Concerning testings (and English Concerning Concer		remaining test activities and conduct comprehensive System integration testing [STI] to minimize defect leskage to User Acceptance Testing (UAT). ASI assesses the potential impact of the large number of unresolved defect on future development efforts, ensuring a more robust and efficient development process. ASI develop and implement a revised testing approach to improve the completeness and thoroughness of future testing		4	4 Med		ASAROSOS. As of April 29, 2025, some of the defects from the previous testing cycle are being more due to the April 20, 2025, some of the defects from the previous testing cycle are being more due to the April 20, 2025, and an april 20, 2025, and april 2		of 11/2025 for WW Test Lead What is needed to close the testing raid- Let's discoss at fidd mereith. 3/13/2025 Four advanced Test Lead is inquiring when Lead is inquiring when Lead is the close this lead to the close this Lead in ". The Lead is ". The Lead" is ". The Lead is

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Finding	Identified					Analyst	Finding			
ID Title Reporter Type 82 The lack of technical documentation may Heath, Dustin Finding -	Date Category 4/27/2023 Security and	Observation In April, the ASI/DHS system security plan (SSP) authors began writing	Significance Once the system architecture and design have been completed, the SSP	Recommendation	Event Horizon Imp Prior to the start of	act Probability Priority	Status	Status Update 4/30/2025 – Throughout April, the ASI security team validated the SSP	Client Comments Vendo	indor Comments
lead to incorrect implementation statements Issue	4/27/2023 Security and Privacy	in April, the ASI/DHS system security plan (SSP) authors began writing implementation statements. Currently, the technical documentation	authors may need to edit or rewrite implementation statements. A full draft			Z Z LOW	Upen	Control implementation Statements with the DevOps team to ensure that	5/13/	/13/2025
or delay the System Security Plan		supporting the SSP is unavailable, outdated, or in a draft form. During April,	of the SSP is scheduled to be published August 15th, 2023, and the final SSP	Enclave within the work breakdown structure along with the known tasks	assessment.			what is documented in the SSP is accurate with the implemented system.		
		decisions on what tools support the SSP controls are still being decided on.	(ready for federal partner review) is scheduled for September 15, 2023. The	related to the IRS Assessment to continue receiving FTI in BES. COMPLETE -				The ASI turned over six policies to DHS for approval; two policies have		he lack of technical
		Implementation statements are currently being written from the perspective of how the system should be designed from the SSP author's perspective	SSP is a large technical document with hundreds of controls and control enhancements, and each one requires an implementation statement of how	Determine when the infrastructure design baseline will be completed. (06/30/2024) - Perform a full review of all draft SSR controls for content				completed peer review, have been updated, and have been sent to QA review. Twelve policies are ready for peer review. DHS and the ASI met on		ocumentation may ead to incorrect
		instead of how the system is actually designed. The SSP authors need to	the control or enhancement has been met.	and accuracy prior to the start of the Independent Security Controls				April 28th and developed a plan for the BES system-level policies to be		nplementation
		instead of how the system is actually designed. The SSP authors need to know and use documentation such as System Architecture and Design,		Assessment of BES and submission of the SSP package to federal regulators.				reviewed and approved by the end of the year. Implementing the Secure		tatements or delay
		network topology, dataflow, ports and protocols, tools used for logging, etc.		This will allow the SSP authors to update controls with changes from Design				Enclave progressed as IDCS (Oracle Identity Cloud Service) and Role-Based		ne System Security
				through Implementation. (9/26/2024) - Begin monthly Plan of Action and Milestone update meetings between DHS Security and the ASI Security				Access Control roles were completed and tested. Additionally, the audit framework was completed, and the ASI started end-to-end testing.		lan (SSP). It would elp to clarify the
				teams to inform each other of progress and updates made against each				3/31/2025 Last month, IVV reported that the ASI has dropped MongoDB	specif	pecific
				POAM. (10/31/2024) CLOSED - Moved to Risk #106 IV&V recommends				from the Secure Enclave after evaluating IRS Publication 1075-compliant		ocumentation that is
				prioritizing the 82 Critical and High finding POAMs as a result of the Tenable Nessus Configuration scans. Implementing the security configurations later				alternatives and is converting to Google Firestore. However, the ASI has also replaced IBM Filenet in the Secure Enclave with Google Firestore. The ASI		xpected to satisfy this
				in development may cause the system to become unfunctional, and require				and DHS have continued working on the NIST 800-53R5 Security Policies. In	rindin	nding. Currently, we have
				additional development time to fix.				addition to the 6 policies the ASI had submitted to DHS and received		ompiled all available
								feedback 14 other policies were updated based on the feedback and are		ocuments except for
								currently waiting internal review prior to submission to DHS. DHS has a Safeguard Security Report (SSR) due to the IRS at the end of April. The		ne Secure Enclave esign details, which is
								policies that are being written for the BES System need to be reviewed and		esign details, which is till under
								approved by DHS and the process for system level policies is being worked	constr	onstruction. We will
								on by DHS. However, it does not appear the newly written policies will be	includ	clude those once
								approved prior to the IRS SSR submission 2/28/2025—The ASI and DHS have been collaboratively working on the NIST 800-53R5 Security Policies		nalized.Our osition is that the SSP
								per the NIST 800-53R5 control family that will be used for the BES System.		a living document
								Drafts for each policy have been created, with 12 ready for internal review.	and w	nd will be regularly
								DHS has reviewed several of the policies and provided additional instruction	undat	odated based on 11
80 Development delays have negatively Fors, Michael Finding - impacted the project schedule and delayed issue	6/30/2022 Configuration and	d ASI had previously reported development activities have been slowed as they have been unable to achieve and/or maintain their expected	If the ASI is unable to achieve a velocity that enables them to meet planned milestones, schedule delays may lead to a delayed system go-live date.	OPEN • ASI provides DHS with the time needed to effectively evaluate the software demonstrations (demos) and elicit productive design discussions	Immediate	3 3 Med	Open	4/30/2025 - The ASI reported they continue to address previous development challenges and improve their development velocity. However,	2/12/	/13/2025
ro-live.	Development	development velocity. Previously, the development team was challenged	Failure to achieve a level of accuracy in estimating development tasks could	with DHS attendees during each demo. • The project closely monitor				now that the project has switched to a Waterfall methodology, the ASI has		/13/2025 /e don't believe this
		with accurately estimating development task level of effort (i.e., story	lead to a project schedule that is flawed and unrealistic. Previously, DHS	progress on development efforts that are complex and/or require a				limited system demos to just prior to the start of integration and System	issue i	sue "Development
		points) and the project has been challenged with producing a project	had indicated, and IVV agreed, that some of these delays were due to some	substantial level of effort and create a mitigation strategy to avoid delays.				Integration Testing (SIT) testing. This can limit visibility into development		elays" is still an
		schedule that accurately reflects realistic timelines (see Finding #74). The	ASI BAs lacking the expertise required to create optimal designs and system	COMPLETE CLOSED • ASI regularly report metrics that accurately track the				progress and productivity, potentially leading to unexpected project delays i		sue and is a carry-
		ASI continues to be challenged with finding qualified resources in a timely manner.	specifications that developers could consume without requiring extensive	total amount or remaining work to reach go-live and present a dynamic				productivity and system design issues are realized. 3/31/2025 - The ASI completed the JAD sessions for the BES Pilot. The Change Request (CR) for		ver. As previously nentioned, eWorld
			clarification from the ASI BA/SA team. DHS and IVV observed instances where ASI BAs/SAs have presented less than optimal designs and left it to	3/31/2025) • ASI effectively track and regularly provide DHS (potentially via				customer correspondence functionality was identified as requiring	plans	lans on conducting
			DHS (who may lack software or UI design expertise) to improve, which has	the weekly DDI status meeting) with an accurate velocity (e.g., story points				substantial effort and is scheduled for completion by the end of the	nume	umerous demos
			contributed to unproductive design sessions (see Finding #61). It remains	per day/week/month) and assure that the current velocity is accurately and				development phase. IVV continues to express concern that, based on past	despit	espite employing the
			unclear if scope creep has contributed to these delays.	consistently reflected in the project schedule (closed 2/28/2025) • DHS request the ASI strategically add the right project team resources to				performance, any disruptions affecting correspondence may leave the project with minimal time to respond without extending the pilot go-live		raterfall nethodology, We
				effectively increase velocity. Note that adding additional junior resources				date. 2/28/2025 - The ASI recently submitted an Improvement Plan to DHS		tated, and as
				may not be as effective as staffing additional expert-level development,				that included improvements to address their software development	docun	ocumented on the
				analysis, and other resources that can lead and mentor junior resources. •				challenges. They have reported ongoing improvements because of their	projec	roject schedule, we
				ASI reviews the development process and identifies and mitigates the challenges preventing them from incorporating Epic demo activities into the				reorganization of the development team, implementing more rigorous software development and release practices, thorough unit testing and peer		rill be conducting an VT demo and SIT
				project schedule. (9/29/23 - ASI will not be doing this, with DHS approval) •				reviews, and the addition of senior skilled resources. 1/31/2025 - The ASI	demo	emo to
				ASI consider taking steps to increase code quality, including enhancing the				conducted a project restart kickoff on 1/23/2025 where they intend to	DHS/s	HS/stakeholders. In
				depth of developer unit testing, tracking and proactively preventing leakage,				implement several development (and other) process improvements to		ddition, we have a
				and enforcing effective coding standards and good governance. • The ASI should consider enhancing the depth of developer unit testing.				increase the quality and efficiency of development. Key issues they intend		emo to FNS on the roject schedule as
				should consider enhancing the depth of developer unit testing.				to address include development quality, testing quality, and accumulated technical debt. Mitigation strategies include implementing switching		roject schedule as rell.lt would be great
								development methodologies from agile to waterfall, improving development		this information is
								discipline and structure, increasing the comprehensiveness of testing, and		cluded in your status
								bolstering their domain knowledge by onboarding additional subject matter	report	eporting.
74 A BES Project schedule based on inaccurate Molina, Brad Finding -	11/29/2021 Project	DHS and the ASI have tried multiple times to rework the schedule with	If estimates for project schedule activities are not accurate, this can lead to	OREM - Any work required to address findings from Root Cause Analysis	Immediate	3 3 Med	Open	experts. 12/31/2024 - The ASI continues to make efforts to enhance 4/30/2025 - The BES project schedule continued to remain stable, with		
estimations diminishes effective planning Issue	Management	results that have not yielded improvement. Concerns with the structure,	constant schedule changes, resources not being available when needed,	should be included in the revised schedule to validate completion for DHS				minor revisions to tasks. IVV continues to monitor development tasks on the		
and resource management, which could		estimating practices, and ability to manage to the schedule persist. The use	rushed activities, and general frustration which can lead to schedule delays,	ASI develop a mitigation plan for lack of slack time between development				critical path as the ASI works to mitigate risk for complex functionality, such		
result in late deliverables, cost increases, and a late go-live.		of multiple tools to track resources obfuscate resource management. Previous IV&V findings focused on specific schedule components such as	low quality output, scope changes, and budget issues.	completion and start of SIT. COMPLETE - Elaborate the schedule to include the detailed work and tasks required behind milestones, allowing better				as client correspondence, that is scheduled to complete one week prior to SIT. Additionally, reporting of risk management was enhanced per the	4/11/	/11/2025
and a late go-live.		resource management and critical path analysis, all of which were		tracking and visibility of possible issues and delays at the task level				request of DHS. 3/31/2025 - The BES project schedule was relatively stable	Necon Section	ection#1 - I
		addressed and closed.		Monitor, evaluate and revise scheduling estimates for accuracy based on the				this month (minor changes were made), with a few tasks delayed while	recom	commend this be
				project teams past performance and resources available to do the remaining	:			others were completed earlier than planned. IV&V is updating the criticality		pdated to
				work. (3/31/2025) - ASI conduct a Root Cause Analysis (RCA) with DHS and				rating from High to Medium. However, we continue to monitor the minimal		ompletedAgreed.
				IVV to determine why the BES project continues to experience schedule				slack time between the completion of development and the beginning of System integration Testing. 2/28/2025 - The ASI received final approval	upost	pdated.#2 - I ecommend this be
				delays ASI Project Management works with the development teams to evaluate the accuracy of development velocity and adjust accordingly to				from DHS on the revised schedule, which was baselined and shared to	undat	pdated to
				reduce risk in the revised BES project schedule. •ASI provides Burndown				project team on 2/12/2025. The first schedule review for the re-baselined		ompletedWhere is
				charts that provide visibility into the remaining work ASI provide details or				schedule was held on 2/26/2025, with several tasks showing a delayed		nis work called out in
				how Velocity measures were used to calculate the remaining development workASI conduct a Root Cause Analysis (RCA) with DHS and IVV to				finish date and others with earlier completion dates; with one significant change of 44 days. Although none of these changes directly added risk to	sched	thedule and pproval by DHS?#3
				determine why the BES project continues to experience schedule delays.				the schedule, IV&V remains concerned that underestimated tasks could star		I recommend this be
				DHS and the ASI agree to a revised schedule against which project				to impact the critical path and delay implementation dates. 1/31/2025 - At	updat	pdated to
				deliverables can be managed. (2/28/2023 - complete) ASI host a weekly				the end of the month, the ASI was working with all stakeholders to finalize	Comp	ompletedAgreed.
				meeting with DHS and IVV to review all changes to the project schedules (Primary and DDI). (8/31/2023-complete) CLOSED ASI plan and execute Epic				and baseline a new project schedule. The Draft Schedule published by the ASI includes 18 additional months to complete the project. Once the		pdated#4 - I rough we discussed
				development so that Epic demos can occur earlier in the release schedule				schedule is finalized, IVV will monitor the stability of the schedule - looking	chang	hanging the "New" to
				and allow time for possible revisions. (12/31/2023 No done) As requested				for any recurrence of task completion being delayed as observed in prior	"In	in Process*?New
				by DHS, add key milestones to the project schedule, such as Sprint and Epic				schedules (potentially putting critical project milestones at risk if significant	recom	ecommendation this
				demos, to show key progress towards completion of Epics. (9/29/23 ASI says that they will not do this.) Confirm current assumption that a delay with	1			delays). One key aspect of the revised schedule is the identification of the tasks to implement the actions from the Root Cause Analysis to minimize the		nonth, so whether tarted or not it is still
				the current go-live date will not result in major implications. (6/29/23)				risk of another future schedule delay. The ASI did publish a high-level report		alled out as New
				Leverage velocity and burn down charts to adjust development tasks				on the Root Cause Analysis. However, it was not clear how these changes	for the	or the reader.
73 The planned BES infrastructure is complex Fors, Michael Finding	10/28/2021 System Design	Current ASI infrastructure plans include a significant number of	If the level of effort to implement and manage the complexities of the BES	 ASI develop a process to closely monitor cloud and other product changes 		2 2 Low	Open	4/30/2025 -The ASI is reporting they are on schedule to complete the		WARRANT BUILD
which could be difficult to implement and Risk lead to schedule/cost impacts.		sophisticated components that make up a complex cloud infrastructure. Further, the Project Team has yet to finalize components that will make up	infrastructure is not accurately accounted for and staffed by the ASI, the	[software updates/new releases], manage changes, and regression test once changes (undates are applied • The project team work to establish strong	months			infrastructure activities and tasks. However, 3/31/2025 - No material update. 2/28/2025 - The project continues to build out of some		/13/2025 Perhaps or the next MSR we
		the BES infrastructure and the additional costs and time to configure, test,	project could be met with unexpected costs and schedule delays. Delays in finalizing the components being implemented could exacerbate this risks	governance over the utilization and maintenance of the various system				infrastructure components for the Secure Enclave. The ASI recently elected	should	hould review the
		and implement the planned complex environment remain unclear.	and lead to further delays. Complex platforms often present system	tools/components. • ASI allot time in the schedule to conduct proof of				to switch from MongoDB to GCP Cloud Firestore (which is already IRS 1075	outsta	utstanding
			maintenance and operations challenges as system changes can hold the	concepts to assure infrastructure components work as expected. • ASI				Assured Workloads compliant) for the Secure Enclave non-relational	recom	ecommendations to
			increased potential for system failure (i.e., due to the significant number of "moving parts") and increase the level of time and effort to resolve	maintain a detailed schedule for DevOps implementation tasks to avoid unexpected delays that could delay project milestones and the critical path.				database component. This to avoid potential project delays. 1/31/2025 - No material update. 12/31/2024 - No material update. 11/30/2024 - This		nsure progress status reflected accurately.
			infrastructure and application-level bugs. Further, some components	unexpected delays that could delay project innestones and the critical path.				no material update. 12/31/2024 - no material update. 11/30/2024 - Ins finding will be reevaluated by the IVV team after the project team complete:	is ren	enected accuracely.
			remain in an immature state compared to their legacy counterparts. For					the re-planning and determines the approach, requirements/functionality.		
			example, the project recently experienced a system failure because Google					and schedule for the Pilot and Statewide rollout. 10/31/24 - This finding		1/17/2023 -
			Cloud failed to clearly communicate a change that led to failure in another					will be reevaluated by the IVV team after the project team completes the replanning and determines the approach, requirements/functionality, and		gain, why is DR being eferenced here? Per
			component (i.e., Nexus). Google Cloud is generally viewed as a less mature product offering, compared to their rivals (Amazon Web Services, Microsoft					replanning and determines the approach, requirements/functionality, and schedule for the Pilot and Statewide rollout 9/26/24 - The project continues		eferenced here? Per ne current project
			Azure). IV&V remains concerned that this could lead to failures at critical					schedule for the Pilot and Statewide rollout 9/26/24 - The project continuer to make progress on its technical debt (infrastructure activities that were	sched	chedule, the DR plan
			points in the project (including post-go live production failures) that could					put on hold in order to work on priority items), including improvements to	is sche	scheduled to be
			be difficult to resolve and lead to project disruption. If DHS intends to					MongoDB, DataDog, and Boomi. The project has initiated the process with		ubmitted at the end
			eventually reduce M&O outsourcing costs turning over M&O tasks to State					Netenrich to convert to the new Google SecOps platform and may add more		f the year. Reminder:
			employees, they could face challenges supporting tools they may not be familiar with in a complex infrastructure environment.					components/services, including the Consul API Gateway and Private Service Connect. The ASI intends to update the BI-12 before go-live to reflect these	Pilot 0 2024.	ilot Go-Live is April 024
								changes/additions. 8/22/24 - The ASI continues to make progress in		
								building out the finalized list of infrastructure components into the BES		0/31/2023 -
								platform. The ASI appears to have a structured approach for building out		ic - westill do
								and testing these components and they have reported success with some disaster recovery (DR) tests. 7/26/24 - No material update for this reporting	notun	otunderstand why
								period. 6/20/24 - No material update for this reporting period. 5/31/24 - It		nis remains. 0/11/2023
								remains unclear how infrastructure complexity will impact DR testing and	10)11	
								execution. 4/30/24 - No material update in this reporting period. 3/31/24 -		

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			Finding	Identified						Analyst	Finding			
ID	Title	Reporter	Type	Date Category	Observation	Significance	Recommendation		Impact Probabil	lity Priority	Status	Status Update Cli	lent Comments	Vendor Comments
70	Insufficient configuration management	Fors, Michael		8/23/2021 Configuration a	nd The BI-6 DDI Plan Deliverable, Section 5.2 establishes the framework for t		OPEN • ASI adhere to plans for configuration management as documente		2	2 Low	Open	4/30/2025 -IVV continues to await receipt of the Configuration		
	could lead to development confusion and		Risk	Development	Configuration Management Plan, however, it remains unclear if sufficient	ensures the BES is understood and works correctly. The BES solution	in BI-6 DDI Plan, Section 5.2 and clarify details and/or any changes with D	HS.				Management Plan from the ASI. 3/31/2025 - The ASI has reported		
	reduce the effectiveness of defect resolutio	on				ce, includes tools that may provide a level of automation for Configuration	ASI validate plans for configuration management with DHS and agree or	na .				progress in updating the project Configuration Management Plan (CMP).		
						The Management that may reduce errors and should provide the project team	meaningful set of configuration items or settings they will track.					2/28/2025 - The ASI has reported progress in constructing their		5/6/2025
					projects Security Plan has yet to be finalized which may include additional							configuration management database within ServiceNow, having recently		Work hand in hand
					requirements or decisions that could impact CM. The project currently	items. However, it is critical that DHS/ASI agree to the full list of items that						imported multiple configuration items [Cls]. 1/31/2025 - No material		with M&O and CMDB
					relies on Github for tracking of some configurations.	are included in the configuration plan along with the details regarding the	Configuration Management Activities that would provide oversight of					update. 12/31/2024 - No material update. 11/30/2024 - This finding will be		work. Good progress
						management of the configuration items, reporting and audit features.	configuration management activities and assure defined CM steps and pla					reevaluated by the IVV team after the project team completes the re-		being made and
							are being followed, are effective, and are achieving DHS objectives for CN	1.				planning and determines the approach, requirements/functionality, and		everything has been
							7/31/2022					schedule for the Pilot and Statewide rollout. 10/31/24 - This finding will be		stood up.
												reevaluated by the IVV team after the project team completes the		9/9/2024
												replanning and determines the approach, requirements/functionality, and		
												schedule for the Pilot and Statewide rollout. 9/26/24 - The ASI had recently		Still in progress. Plan
												stated they plan to update their Configuration Management Plan (CMP) list		to update
												of configuration items (CIs) and CMP procedures by 9/20/24 but has since		Configuration
												experienced some delays in completing these activities. 8/22/24 - IVV has		Management Plan list
												yet to receive a detailed, comprehensive list of configuration items the ASI		of items. Two
												will be tracking. 7/26/24 - No material update for this reporting period.		documents,
												6/20/24 - No material update for this reporting period. 5/31/24 - IVV has		management plan
												yet to receive a detailed, comprehensive list of configuration items the ASI will be tracking, 4/30/24 - IVV has yet to receive a detailed, comprehensive		(end of week),
												list of configuration items the ASI will be tracking, 3/31/24 - Responsibility		Configuration
												for the Configuration Management Plan (CMP) reverted to the ASI		Management procedures (more
												(previously, the DHS Security Contractor was updating the CMP for related		procedures (more detailed). Working
												security controls). The ASI is resuming this scope of work at a time when its		with Mark M on what
												security controls). The ASI is resuming this scope of work at a time when its resources are stretched and may lead to CMP and configuration		with Mark M on what should be included.
												management quality challenges, 2/29/24 - No material update in this		Trying to work with
												reporting period. 1/23/24 - No material update in the reporting period.		folks who really
												reporting period. 1723/24 - No Haterial update in the reporting period.		TORES WITH FEATIV

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