DAVID Y. IGE GOVERNOR





OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

P.O. BOX 119, HONOLULU, HAWAI'I 96810-0119 Ph: (808) 586-6000 | Fax: (808) 586-1922 ETS.HAWAII.GOV

October 18, 2022

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

Aloha Senate 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 Hawai'i, Department of Human Services, Systems Modernization Project.

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

Sincerely,

Dogue al

Douglas Murdock Chief Information Officer State of Hawai'i

Attachments (2)



Hawaii Department of Human Services \$ystems Modernization Project

Final IV&V Status Report for Reporting Period: September 1 – 30, 2022

Submitted: October 14, 2022



Solutions that Matter

Overview

- Executive Summary
- <u>IV&V Findings and Recommendations</u>
- <u>IV&V Engagement Status</u>
- <u>Appendices</u>
 - <u>A IV&V Criticality Ratings</u>
 - <u>B Risk Identification Report</u>
 - <u>C Acronyms and Glossary</u>
 - <u>D Background Information</u>



Solutions that Matter

Executive Summary



Executive Summary



In September, DHS took the significant step of issuing an "Order to Stop Performance" to the ASI. This order had the immediate effect of halting all Design, Development, and Implementation (DDI) activities on the BES project. This action by DHS comes after the ASI provided an inadequate Corrective Action Plan and failed to deliver a BES Project Schedule.

The sixty (60) day order is in effect until November 10, 2022 and is intended to allow time for the transition of the BES DDI activities to the ASI Subcontractor. The objective of DHS, the ASI, and the ASI Subcontractor is an orderly transition that will lead to a successful BES Project completion.

This transition faces major challenges that must be closely managed. IV&V has listed three key considerations below.

- 1. Inventory of project assets and completion status DHS, the ASI, and the ASI Subcontractor are performing a detailed assessment to identify DDI work that has been completed, is in progress, and has not yet started. Having a clear understanding of this inventory that is shared across the three organizations is key to a successful transition.
- 2. Knowledge Transfer (KT) from ASI resources to Subcontractor resources In addition to documents and artifacts, the KT from resource to resource is valuable in retaining important details regarding work in progress. IV&V is concerned about reports that ASI resources are leaving the BES project with little notice, possibly impacting the KT effectiveness. The ASI should provide a staff succession plan that incorporates KT activities to the Subcontractor resources.
- 3. Subcontractor staffing requirements The ASI Subcontractor faces a significant increase in their BES Project responsibilities and must take on critical project roles. The importance of experienced project management resources has been an ongoing theme of IV&V, along with the need for highly experienced Business Analysts and Security Leads. IV&V will monitor this staffing situation closely.

Jul	Aug	Sep	Category	IV&V Observations
Н	Н	Н	Project Management	Project management and the ability of the ASI to deliver the BES solution has been a prevalent concern throughout the project. As DHS pursues a new direction for the BES DDI, the importance of highly skilled and experienced project management cannot be overemphasized. Transition planning and execution require active project management.

Executive Summary



Jul	Aug	Sep	Category	IV&V Observations
м	м	×	System Design	DHS Users are concerned the overall User Experience may not meet DHS expectations and may result in low customer satisfaction. The BES user interface design process is focused on individual and small groups of related screens. However, without an overall plan and understanding of how all functionality works together, DHS users are seeing examples where 1) its may be difficult to achieve a task, 2) it may take too long to achieve certain tasks, and 3) there may be low user satisfaction.
M	M	м	Configuration and Development	Prior to the work stoppage, ASI resourcing continued to be a risk to ongoing development of the BES solution. IV&V is concerned that resourcing will continue to affect development unless reasonable planning and scheduling occur.
м	M	M	Integration and Interface Management	Memoranda of Agreements remain outstanding for the DAGS, DLIR, and HYCF interfaces. IV&V remains concerned that the lack of an approved project schedule impacts the planning and coordination with interface partners.
м	м	M	Testing	DHS remains concerned with the opportunity to thoroughly test the system. In recent draft schedules, test phases for either System Testing or Final Acceptance Testing have either been reduced, removed or combined resulting in less opportunity for testing.
Н	Н	E	Security and Privacy	IV&V is concerned with the pace of Security and Privacy activities. The BES project must have a clear plan to define, implement, test, and validate all Security and Privacy Requirements/Controls prior to entering the Pilot phase. The focus to date has been on "Planned" responses for security and privacy controls.

As of the September 2022 reporting period, PCG is tracking 16 open findings (8 risks, 8 issues) and has retired a total of 59 findings. Of the 16 open findings, 8 are related to Project Management, 2 in Integration and Interface Management, 1 in Testing, 2 in System Design, 2 in Configuration and Development, and 1 in Security and Privacy.



The following figure provides a breakdown of <u>all</u> IV&V findings (positive, risks, issues, concerns) by status (open, retired).





Findings Retired During the Reporting Period

#	Finding	Category
	None	



Preliminary Concerns Investigated During the Reporting Period

#	Finding	Category
	Lack of the required ASI staff may reduce project productivity and quality of the BES design that may lead to schedule delays.	
81	Observation: DHS stakeholders and IV&V have observed that working session productivity has been hindered by the lack of sufficient knowledge, capabilities, and expertise of some ASI team members. IV&V acknowledges that some ASI staff are skilled and knowledgeable. However, lack of skilled and experienced staff in all design sessions will likely have negative downstream impacts. Additionally, the ASI recently announced the departure of some of their most capable and experienced resources. No material update in the reporting period.	Project Management

Findings Opened During the Reporting Period

#	Finding	Category
	None	

#	Key Findings	Criticality Rating
2	Issue – Late Delivery of project deliverables has caused schedule delays . The DHS work stoppage halted all efforts on project deliverables. IV&V will continue to monitor this finding once the BES Project resumes.	M

Recommendations		
 Despite not yet having a revised baseline schedule, continue monitoring and analyzing deliverables that may impact the critical path. 	In process	

#	Key Findings	Criticality Rating
29	Issue – Uncertainty and/or a lack of communication around long-term architecture decisions could impact the project budget, schedule, system design, and planning decisions. No material update for this reporting period.	L

Recommendations		
 The Project should continue to vet possible architectural change impacts to the platform (e.g., ADA, Configuration Management tools), M&O, MQD, and BES systems before finalizing architectural decisions. 	In process	
 DHS continue to request ASI perform due diligence in any recommendation for foundational architecture change decisions and continue to review with appropriate DHS stakeholders to assure a common understanding of the implications of these decisions. 	In process	
The Project should continue to ensure communication between development leads and architecture leads to assure optimal collaboration on possible architecture changes that could impact decisions in each area.	In process	
 Maintain current communication processes to ensure regular communication between the architecture team and the rest of the project team to assess impacts of architecture decisions to the Project. 	In process	

#	Key Findings	Criticality Rating
43	Issue – DHS PMO project team members have transitioned off the Project, which may cause gaps in knowledge transfer and leadership on the Project. No material update for this reporting period.	•

Recommendations	Progress
• DHS continue to work with the appropriate organizations to identify the funds necessary to fill these positions.	In process
 DHS consider other options (Contractors, State employees borrowed from other agencies) to fill these positions if there is ongoing difficulty in finding permanent hires. 	In process

#	Key Findings	Criticality Rating
47	Risk – The COVID-19 pandemic and the related "stay at home" order could hinder project activities and negatively impact the project schedule and budget.IV&V remains concerned that the lack of in-person interactions may lead to reduced project team productivity.	L

Recommendations	
 Suggest the Project and DHS create a detailed, documented risk mitigation strategy and plan regularly and revised to address the current state of the COVID-19 threat and related impacts 12 months. The plan should include the possible economic impacts to the state budget direct project resources. 	over the next 6 to
 Send broad communications to stakeholders to assure clear understanding of changes to the regard to impacts of COVID as well as clarifying communications as to what will remain the s 	
 Project leadership continue to encourage independent phone conversations to enhance and a communications, and for team members not wait for meetings to converse. 	accelerate In process
Consider in-person meetings for critical design sessions if DHS and ASI COVID protocols allo	w. Not Started

#	Key Findings	Criticality Rating
49	Issue – Poor quality project deliverables may impact system design, testing artifacts and the project schedule. No work has been performed regarding this finding due to work stoppage.	L

Re	commendations	Progress
	ASI review the Quality Management Plan to ensure that the Project is working within the Quality guidelines. In particular, the ASI should evaluate and consider if it is in alignment with Section 3.1.2 Measure Project Quality, which states "ASI measures process and product quality by 1) selecting BES implementation process and product attributes to measure; 2) selecting component activities to measure; 3) defining value scales for each component activity; 4) recording observed activity values; and 5) combining the recorded attribute values into a single number called a process quality index." IV&V has not seen evidence indicating the ASI is utilizing metrics to measure its process and product quality.	In Process
	When the project restarts, resources be allocated to create a Quality Management Plan to help address this finding.	Not Started

#	Key Findings	Criticality Rating
71	Issue – The lack of the final agreement on the scope and costs of the GCP Change Request (CR) may lead to unanticipated DHS costs, schedule delays, and/or the need to reduce scope. The DHS transition of the BES Project DDI activities will impact the CGP change request. IV&V will update our recommendations for this finding once more is known.	H

R	ecommendations	Progress
•	The ASI should document the current environment M&O activities to ensure all activities are known with a clear understanding of the "AS IS" and "TO BE" model for services beginning with the DDI, through Pilot/Implementation and M&O.	In process
•	The ASI clearly document the scope of work and cost for the GCP CR during DDI and M&O and provide to DHS for approval.	In process



#	Key Findings	Criticality Rating
74	Risk – The lack of a BES Project schedule based on accurate estimations diminishes effective planning and resource management, which could result in late deliverables, cost increases, and a late go-live.	
	The ASI did not deliver a revised BES Project Schedule prior to DHS issuing the work stoppage on September 9, 2022. Regardless of the BES move-forward strategy, obtaining estimates provided by staff performing the work is critical to developing a realistic project schedule.	

Recommendations	Progress
 Using the available tools, review the current estimates to complete each activity compared to past actual hours. 	In process
 Update as necessary and provide the DHS/ASI project managers with reports and data that accurately reflect the DHS/ASI resource needs along with over/under allocations of staff for the duration of the Project. 	In process
 Develop mitigation and contingency plans that are tracked/managed by DHS/ASI for all tasks that are behind schedule or are at risk of being behind schedule which includes resource management. 	In process
 Discuss, validate and address additional concerns within the project processes that may cause the project delays other than inaccurate estimates such as over reliance on POs, slow design sprints, and cadence of development teams. 	In process
DHS and the ASI agree to a revised schedule against which project deliverables can be managed.	In process

#	Key Findings	Criticality Rating
76	Risk – Volunteer DHS resources leaving the Project may lead to schedule delays, lower morale, and burnout. With the BES Project work stoppage, some of the DHS resources assigned to the project are helping with transition work. The work stoppage is a significant event for the project team and the impact to overall morale (positive or negative) is uncertain.	м

Recommendations	Progress
Allocate more time for the DHS team members to dedicate time to the Project.	In process
 Carefully plan for all project activities with reasonable hour allocations for the DHS resources and adjust dates in the BES Project schedule accordingly. 	In process
Add cushion time to the schedule for unexpected project delays.	In process
 Provide incentives for the DHS resources to help maintain the project team and possibly alleviate attrition or increase the number of volunteers to the team. 	In process
 DHS keep all assigned Project resources informed of the transition progress and the timeline for when they will be asked to participate again, so resources can maintain their engagement with the Project. 	Not Started



Integration and Interface Management

#	Key Findings	Criticality Rating
63	Risk – The lack of early planning and coordination with interface partners may result in schedule delays. No material update in the reporting period.	L

Recommendations	
Complete all MOAs and obtain approval.	In process
Confirm testing dates with interface partners in writing.	In process



Integration and Interface Management

#	Key Findings	Criticality Rating
79	Issue – External vendor delays in the development of the BES task management system (Current) interface have impacted the project schedule.	M
	No material update in the reporting period.	

Recommendations	Progress
Ensure that there is an agreement between DHS and C!A to address roles/responsibilities and outcomes.	In process
The ASI provide test results from the task management integration to ensure that the interface works.	Not Started



Configuration and Development

#	Key Findings						
	Risk – Insufficient configuration management could lead to development confusion and reduce the effectiveness of defect resolution.						
70	The ASI announced the departure of key resources including their lead CM strategist, which could exacerbate this risk. With the recent work stoppage and planned reassignment, IV&V is not aware of any plans to mitigate this risk.	L					
Re	commendations	Progress					
	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.	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					

 Project work to clarify/solidify plans for the potential use of configuration management tools and DHS work to fund and procure a CM tool, as required, to avoid any negative impacts to the project.
 Not Started



Configuration and Development

#	Key Findings	Criticality Rating
80	Risk – Development delays could negatively impact the project schedule and delay go-live. The ASI has announced the departure of key resources who have provided leadership and design quality assurance to the project, which could further hinder development productivity. With the recent work stoppage, it remains unclear if factors that created development delays will be fully addressed to mitigate this risk.	м

Recommendations	Progress
Complete and execute remediation plan based on the result of a Root Cause Analysis (RCA).	In process
ASI consider moving/adding/replacing project team resources strategically to effectively increase velocity.	In process
 ASI track and regularly provide DHS with an accurate velocity (e.g., story points per day/week/month) and assure that the current velocity is accurately and consistently reflected in the project schedule. 	In process

System Design

#	Key Findings	Criticality Rating
61	Issue – Poorly executed JAD and "design sessions" could lead to inaccurate design and rework. DHS product owners and SMEs have raised concerns about a lack of a cohesive design and a user experience that is less than satisfying. DHS users are citing examples of not being able to achieve desired tasks or achieve tasks timely.	М

Recommendations	Progress
The facilitator should use their expertise to drive discussions through leading questions.	In process
 BAs should come to Day one of Design Sprint fully prepared to facilitate discussion on topic of sprint, with adequate knowledge about business process and approach for design based on JAD/JAR notes and other pertinent material. 	In process
 The ASI to bring User Experience (UE) designers to engage with DHS and review the currently built BES solution. 	Not Started



System Design

#	Key Findings						
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 announced the departure of key infrastructure resources who have provided leadership to the infrastructure efforts, which could exacerbate this risk. With the recent work stoppage, it is uncertain how this risk will be mitigated going forward. 						
Red	commendations	Progress					
1.0		i logiess					
	ASI clearly communicate the potential costs and schedule impacts to implementing the planned infrastructure.	In process					
• /							
• /	ASI clearly communicate the potential costs and schedule impacts to implementing the planned infrastructure. DHS work with the ASI to assess the potential challenges of maintaining a complex environment and consider	In process					
• / • [• / • / r	ASI clearly communicate the potential costs and schedule impacts to implementing the planned infrastructure. DHS work with the ASI to assess the potential challenges of maintaining a complex environment and consider scaled back options that could reduce this risk and reduce long-term support costs. ASI develop a process to closely monitor cloud and other product changes (software updates/new releases),	In process					

 ASI development team identify infrastructure components and techniques that are new to them and take action to assure potential integration problems do not lead to unexpected delays.
 Not Started



Testing

#	Key Findings	Criticality Rating
67	Risk - The Americans With Disabilities Act (ADA) Section 508 compliance tool has not been installed for the Project, which may cause significant rework. DHS issued a work stoppage, and no progress was made to move forward with purchasing the ASI recommended ADA compliance tool.	м

Recommendations				
The ADA tool meets contractual and project requirements.	In process			
The ASI communicates a plan for ADA test execution.	In process			
 The ASI communicates how the tool will be used to report compliance and non-compliance and how non- compliance will be addressed/corrected 	In process			
 The ASI communicates how and when DHS/IV&V will be provided the reports from the ADA tool execution and how to interpret the results. 	In process			

Security and Privacy

#	Key Findings	Criticality Rating
68	Risk - Insufficient planning/execution of the BES Security Plan activities may lead to delays in gaining Federal Partner approval for the BES Project to begin the Pilot Phase. Since only one meeting was held between the ASI and DHS BES Security teams prior to the work stoppage, IV&V has no material updates to report this month. The planned reassignment of the BES DDI work should consider the expertise needed for the vendor Security Lead and team.	Н

Recommendations		
 The ASI continue to develop the BI-13 Security Plan in close collaboration with DHS. 	In process	
 DHS and the ASI agree upon the tools and process that will be used to document and track security control implementation, such as security governance, risk, and control (GRC software). The process should define the level of detail needed to track progress (estimates, target dates, risks, issues, evidence) along with the Requirement Traceability Matrix, and plans of actions and milestones (POAM). 	In process	
ASI add a Security Architect to the Project ASAP to assist with the Security Plan activities.	In process	
 ASI ensure that the ASI Security Lead has a depth of experience in NIST 800-53 and experience authoring implementation statements of System Security Plans (SSP). 	Not Started	





IV&V Status

IV&V Engagement Status

IV&V Engagement Area	Jul	Aug	Sep	Comments
IV&V Budget				
IV&V Schedule				
IV&V Deliverables				PCG submitted the final August IV&V Monthly Status Report.
IV&V Staffing				Earl Burba has retired from PCG and is no longer supporting the BES IV&V team.
IV&V Scope				





IV&V Activities



- IV&V activities in the September reporting period:
 - Completed August Monthly Status Report
 - Ongoing Review the BES Project Artifacts and Deliverables
 - Ongoing Attend BES Project meetings, (see <u>Additional Inputs</u> pages for details)
 - Reviewed available ASI Original Contract and BES Optimization contract amendment documentation
 - Ongoing Participate is DHS and IV&V Transition Planning meetings
- Planned IV&V activities for the October reporting period:
 - Ongoing Participate is DHS and IV&V Transition Planning meetings
 - Ongoing Monthly IV&V Draft Report Review with DHS, ETS and ASI
 - Ongoing Participate in weekly DHS and IV&V Touch Base meetings
 - Ongoing Review BES artifacts and deliverables

Deliverables Reviewed



Deliverable Name	Deliverable Date	Version
BI-14 Release 0.7 Technical Design Document - FMM - Overpayments – DRAFT	9/14/2022	V0.2
BI-22 Release 0.9a System Test Report (Iteration 1)	9/2/2022	V1.0

Additional Inputs – Artifacts



Artifact Name	Artifact Date	Version
Unisys Contract Amendment 3	4/17/2020	N/A
Unisys Contract Amendment 4	5/1/2021	N/A
FNS Handbook 901	01/2020	V2.4
BES Project Schedule (BI-5)	8/05/2022	_08052022
BES Weekly Status Report	9/07/2022	N/A
BES Risks and Issues Log	N/A	N/A
BES Interface Communication Plans and Interface Control Documents	N/A	N/A
NIST Special Publication 800-53 Security and Privacy Controls for Information Systems and Organizations	12/20/2020	Rev.5
One RTM (Aha)	N/A	V1
Conditionally Approved Deliverable Status (Confluence)	N/A	N/A

Additional Inputs



Meetings and/or Sessions Attended/Observed:

- 1. Weekly Platform Status Meeting 9/6/2022, 9/27/2022
- 2. Bi-Weekly BES PMO and IV&V Touch Base 9/1/2022, 9/15/2022
- 3. Weekly BES Dev Stand-up 9/7/2022
- 4. Weekly CMM Backlog Grooming Session 9/7/2022
- 5. Weekly BES Project Schedule Review Meeting-
- IV&V Team Meeting 9/1/2022, 9/6/2022, 9/8/2022, 9/12/2022, 9/15/2022, 9/19/2022, 9/22/2022, 9/26/2022, 9/29/2022
- 7. Weekly DHS-Unisys Security Touchpoint 9/6/2022
- 8. BES Security Controls Meeting 9/1/2022
- 9. BES Testing Touch base 9/7/2022
- 10. HI DHS BES August Draft IV&V Report Review 9/6/2022
- 11. Bi-Weekly DHS and IV&V Touch Base 9/6/2022, 9/20/2022
- 12. Executive Steering Committee Meeting 9/15/2022
- 13. Implementation Planning 9/7/2022
- 14. BES-HANA integration (CO60 manage HANA data) 9/6/2022, 9/8/2022
- 15. R0.15 Report Specs 9/8/2022
- 16. R0.14 Correspondence Specs 9/1/2022, 9/9/2022
- 17. CO11 Restore Program 9/1/2022, 9/6/2022, 9/9/2022
- 18. CF52a Manage Documents 9/9/2022
- 19. FM23a Manage Write-Offs 9/1/2022, 9/6/2022, 9/8/2022
- 20. FM51b Receive FNS Data 9/8/2022

Additional Inputs – Continued



Meetings and/or Sessions Attended/Observed:

21. FM30 View Overpayment List – 9/1/2022, 9/6/2022

22. PE11a Review Additional Budget Details – 9/1/2022, 9/6/2022, 9/8/2022

23. IF25 CYRCA ICD – 9/6/2022, 9/8/2022

24. Weekly Functional PMO Meeting – 9/6/2022

25. Data Conversion PMO meeting – 9/12/2022

26. Weekly Interfaces - PMO Meeting - 9/6/2022

27. PMO Meeting Structure – Testing – 9/1/2022, 9/8/2022

28. PMO Meeting Structure - BES Development - 9/1/2022, 9/8/2022

29. PMO Meeting Structure - AH/MDM/SSP Development - 9/6/2022

30. Prep and planning the path forward - 9/13/2022, 9/14/2022

31. IV&V/DHS 1:1 – 9/22/2022

32. DHS/IV&V Check-in - 9/21/2022, 9/27/2022, 9/29/2022

33. BES IV&V Finding Review – 9/26/2022

34. BES discussion with DHS PM - 9/28/2022

35. BES update with DHS CTO – 9/28/2022

36. BES September Roast – 9/29/2022







Appendix A – IV&V Criticality Ratings

Criticality Rating	Definition
•	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.
Ľ	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

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

Ending Slide



Solutions that Matter

HI DHS Monthly IVV Status Report Final - September 2022

	Finder.	Identified						Analyst	Findler		
ние нероттег	Type	Date Category	Uzservation	significance	Recommendation	Event Honzon	Impact Probab	Analyst auty Priority	Finding Status	Status update Liient Lomments	vendor Comments
11 Latol of the skilled Alfrequence may reduce / Michael Ros project product your wing ad quality of the BLS design and lead to schedule delays.	Concern	9/8/2022 Project Management	levels, and/c capabilities to assess offware quality and overall productives to meet project interfaces. All team memory when you have sufficient capabilities appear to be working at capacity and often appear ourselvation of the maintaining quality and comparating the loss appearation of an and the maintaining quality and comparating the loss appearation of an some of their most capabile and experienced resources who provided important guidance and leadership to their team.	productive, and high-functioning team. If the ASI is not able to maintain this type of team, project schedule and other project risks could increase. The ASI recently determined that in order to meet the current projected go-live date, they would need to add approximately \$0 additional resources to their	burden on DHS SMEs. • DHS work closely with the ASI in their staffing efforts and quickly, but thoroughly, vet additions to the ASI project team. • Request the SI make efforts to ensure solutions they have provided, and key design decisions are properly wetted by industry experts to ensure the best potions	ASAP	3	3 NA	Open	10/4/22 - No material update in the reporting period.	
10 Development delay could negatively impact mfors the project schedule and delay golive.	Finding - Rs	6/8/022 Configuration and Development	unable to achieve and/or maintain their expected development velocity.	Failure to achieve a level of accuracy in estimating development tasks could lead to a project schedule that is flawed and unrealistic. DHS has indicated, and IW agrees, that some of these delays could be due to some ASI BAs	Root Cause Analysis (RCA) - ASI consider moving/adding/reglacing project tam resources strategically to differently increase vedicity. Note that adding additional junior resources may not be as effective as staffing additional expert-level development, analysis, and other resources. • Request the ASI effectively track and regularly provide DFIS fountially via the weekly DDI status meeting) with an accurate velocity (e.g., story points per day/week/month) and assure that the current velocity is accurately and	Immediate	3	3 Med	Open	09/29/22 — The ASI has anomaced the departure of law yeasources that have provide lawderships and deep auily assume to the project, which could function have an infrastruct target starting of the project which could defaunced minigrates the production of the project which could defaunced minigrates the production of the ASI continuum to observed additional development resources, starting they added 2 an observed additional development additional development resources, starting they added 2 and been and 2 affi- tion of the additional development resources, starting they added 2 and been and 2 affi- ded to additional development resources, starting they added 2 and been and 2 affi- additional resources to assume addequate velocity and calcinots to complete manufact the actual number of additional resources needed in out hown. A SO is additing if an extramined to the adder address address and address additional resources to assume addequate velocity and calcinots to the current Additional resources to assume address and address address address address additional resources to assume address and address address address address additional resources to address address address address address address additional resources to address address address address address (20/272/27). The ASI has a severe hold the address address to the address address address address address to the ASI is address address address to the ASI is address address address address to the ASI is address address address address to the ASI is address address address address address to the ASI is address address address address address to the address address address address address address address add is address ad	
79 EstimativeRoor data ja in devolupment of the ESI schement system (careful in interface have impacted the project admitise.		Interface Management	development work would be door by 65/37/2022. As of 05/35/2022 the Association of the CF44 – Manage CIA Data use case for Release 0.8.	Current (previously issues as enhanced is a task management system developed by the Charge and Innovation department of teams Services (DHS) is use the Current system to manage and creater again the start against the management of the start start of the start start and the start of the start start and the start start and the start start and the start start start is the start start and the start start and the start start start is a requirement one method start and the start start and the start start start is a requirement one method start and the start and the start s	role/reposibilities and outcome. Not applicable and completed. 2. Scheduler exarcing metissics with CLA de server consident communication between DeS, the ASJ, MV, and CLA. Completed. 3. The ASJ provide test exacts from the task management integration to ensure that the interface works.	Q3	5	1 Med		09/10/22 - No material update in the reporting period. 09/10/22 - No material update in the reporting period. 09/10/22 - No the stability of the stable reporting period. 09/10/22 - No https://www.communication.co	
16 Volumer tils recorrer lavng tils Project. End Maha ma jeda to krede delys, løverd mosil, and kurnod.		Mangement	valureters except one. Resources are not in dedicated roles within the team and have the option of resurring to their previous operational roles at any time.	remaining this resources will be overlikosted, risking burnout, and creating acycle of most Differences is along the host of the staff are provided, their training will add to the workloads of current DHS project resources.	more time for the DIS team members to deducate time to the Project Cardhing Junio nal ray apport tarbitism with memory tarbitism of the DIS teams of the DI	Investite	4	2 Med	Open .	//i/2/222. With the BLS Project wave stoppage, some of the DIS resources assigned for the sempler care heling with transition wave. The wave stoppage is a spinform if the transition wave. The wave stoppage is a spinform if the transition wave. The wave stoppage is a spinform if the BLS Project: - Annual Care Stoppage and the increase spin of the BLS Project: - Annual Care Stoppage - Annual Care Stoppage and the increase spin of the BLS Project: - Annual Care Stoppage - Annua	
14 The black of a HES Project chandle based on accurate entransion diminuls of ferror to planning and resource management, which could reput in the diminulative, cut increased, and a black points.	Finding - ts	1/29/022 Paylet Management	estimating practices, and ability to manage to the schedule persist. The use	E estantes for popier schedie activities are net accurate it bis can bad to construit schedie derange, resource no bis possible when needed, ruhet activities, and general frustration which can lead to schedie delay, low quality odput, scope changes, and budget tisses.	 Using the available fields, revenue the current estimates to complete each startify compared to parts at taulh our + Using that a necessary and provide the DHA/AD Project Managers with reports and data that accountry refers the duration of the result of the duration of the duration of the duration of the result of the duration of the duration of the duration of the result of the duration of the duration of the duration of the result of the duration of the duration of the duration of the result of the duration of the duration of the duration of the result of the duration of the duration of the duration of the result of the duration of the duration of the duration of the duration of the duration of the duration of the duration of the duration of the duration of the duration of the resided activated development taums - 2HS and the 4S age to a resided activated against which project deliverables can be mininged. 	innedate	•	4 Hgh	Open	9 10/02/02 : The X4 did not divisor sensed BES Project. Shinklab grant the Dis Shargh the work shingsing on Signaburg X-222. Regardless of the BES more Forward strategy, a schedule that is baird on estimates provided by 11 particular the X4 schedule is a schedule is a schedule is a schedule 12 particular the X4 schedule is a schedule is schedule is a schedule 12 particular the X4 schedule is a schedule is schedule is a schedule is 12 particular the X4 schedule is a schedule in the X4 schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is schedule 12 particular the X4 schedule is the X4 schedule is schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is 12 particular the X4 schedule is the X4 schedule is schedule is 12 particular the X4 schedule is schedule is the X4 schedule is 12 particular the X4 schedule is a schedule is schedule is schedule is 12 particular the X4 schedule is and the project continue is the X4 schedule is 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and the project continue is the X4 12 particular the X4 schedule is and X4 schedule is the X4 12 particular the X4 schedule is and X4 schedule is the X4 12 particular the X4 schedule is the X4 schedule is	

HIDHS Monthly IVV Status Report Final - September 2022

Finding Identified Type Date Lategory Analyst Finding significance of the level of efforts in implement and manage the complexities of the test infrastructures is not accurately accountable for and called by the AS Call sing' communicate the potential costs and schedule impacts to infrastructures is not accurately accountable for and called by the AS Call sing' communicate the potential costs and schedule impacts to indicate the infrastructures. The AS Callering' communicate the potential costs and schedule impacts to indicate the infrastructures. The AS Callering' communicate the potential costs and schedule impacts to and lead to further delays. Complex platforms of the poseer types and intrastructure call schedule impacts to the significant the infrastructures. The AS Callering' communicates and operations callering as a specified increased potential for system Failer (e.g., due to the significant ture costs. The Callering accurate infrastructure calls. Callering a specified for the code infrastructures calls. A Callering is common table controls infrastructures in the code indice of the code infrastructures calls. Callering accurate and operations infrastructures calls infrastructures calls. Callering a specified for the code infrastructures calls. Callering accurate and operations infrastructures calls. Callering accurate call code infrastructures calls. Callering accurate call code infrastructures calls. Callering accurate c Concernation Current ASI Infrastructure plans include a significant number of sophisticated components that make up a complex cloud infrastructure. Further, the Project Team has yet to finalize components that will make up the BES infrastructure and the additional costs and time to configure, test, and implement the planned complex environment remain unclear. The ASI announced the departure of key infrastructure
 The ASI announced the departure of key infrastructure efforts, which te planned BES infrastructure is complex hich could be difficult to implement and ad to cobedule/cost impacts resources who have provided leadership to the infrastructure efforts, whic could exacerbate this risk. With the recent work stoppage, it is uncertain how this risk will be mitigated going forward. 08/30/22 - The ASI intenda to engage two 3rd-party vendors to assist with the production environment of the transmission of the stoppage to the stopp build (once the GCP change order is approved), which could increase their velocity. The inclusion of these vendors could also mitigate the risk of maintaining a complex infrastructure if these vendors can provide experts The second secon who have significant experience with cloud infrastructure and related tools 07/31/22 - The newly assigned ASI architects continue to ramp up to meet 0.7/12.27. The newly assigned 501 architects continue to a range us to meet productively expections. The AST recently architecture meetings with DHS and other infrastructure takeholders. The ASI is analysing the imageness of the revised feeders accurity control is on the project. System charages resulting from the security control is update any further complexity and the analysing the imageness of the revised feeders along the analysing the imageness of the security control is update any further bottom and any data and the security control is update the bottom and the security control is update the imageness of the security control is update the bottom and the security control is update. The AG to the bottom and the security control is update the bottom and the security control is update. The cost cause of these dollars may be bottom the top hydrograved and the security control is update the bottom and the security control is update. The AG to cause of these dollars may be bottom the top hydrograved and the security control is update the security control is update. The AG to cause of these dollars may be bottom the top hydrograved and the security control is update. The AG to cause of these dollars may be bottom the top hydrograved and the security control is update the security control is update. The AG to cause of these dollars may be bottom the top hydrograved and the security control is series of software components and tools that must be fully configured, integrated, and managed to work effectively. - The level of effort to stand up, maintain, replicate, and troubleshoot the complex infrastructure. Complex infrastructures often require developers to be reliant on the In April 2020, the DHSA91 SUM2 contract amendment coeffed the regration of some B1S environments to the Cook and adving the maintenance of Coud environments to the Cook and adving the maintenance of Coud environments to the Cook and adving the source of the B1S environment to the Cook and adving the source of the B1S environments to the Cook and adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the B1S environments to the Cook adving the source of the Cook adving the source of the B1S environments to the Cook adving the source of the source of the Coo The lack of the final agreement on the scope five Franca Finding - the \$723/2021 project and costs of the Google Could Platform Managem (CCP) Charge Request (CR) may led to unanticipated DHS costs, schedule delays, and/or the needs to reduce scope. Complex infrastructures dam negative developers to be related on the \$\Delta_2\Delta 4 4 High Open 9/9/2021 - RAP: Poin Management 9/9/2021 - RAP: Point of clarification. The SOAP agreement did not establish that the project would be deployed to the Cloud. SOAP provided that development be done in the Cloud and specifically that deployment would we have the memory agreement and the second terms agreement agreement and the second terms agreement agreement agreement agreement terms agreement agreement agreement agreement agreement terms agreement agreement agreement agreement agreement terms agreement agreement agreement agreement agreement terms agreement agreement agreement agreement agreement agreement agreement terms agreement agreemen remains concerned that the production environment for ess is unixform along with the roles and responsibilities of the ASJ, ESI and DHS. There are many possible impacts to the project ranging from contract changes to procurement and integration activities. All these take time to complete yet there are no tasks and activities in the schedule to complete this work. be to the on-premise environement. However, we did Here are no tasks and activities in the schedule to complete the sort. Sch 21/1202 : V/N schedule tasks and task did data if regarding the GCP sharp request, at the lask per agrees and lack did data if regarding the GCP sharp request, at the has been in discussion interval (August 2020). The AD has stated that that we were not a task within the MA/ Security Last's approx 100 Here and the critical schedule and the critical schedule and the AA is control to the task schedule and the Critical schedule and the AA is control to task schedule and the Critical schedule (EMM (f) the Cost of the Charge tasks and on scope discussions with DHK MMP appress is been manufic, the parts that the Critical schedule and the Crit acknowledge that deployment may move to the Cloud. The final decision to move to GCP for production was made in July 2020. The costs for managing the UAT, Production, and Disaster Recovery environments were acknowledge that delaying security work. 3/31/2022 - DHS and the ASI have met to further define the scope of the CR and confirm the responsibilities of the ASI and not included in the SOAP agreement nor Michael fors Finding - Re 3(23)/2021 Configuration and Development Configuration Management Fias, however, it remains unclear if sufficient ensures the BIS between the state of processes and procedures that Development Configuration Management Fias, however, it remains unclear if sufficient ensures the BIS between the state of processes and procedures that the state of processes and procedures the sta 09/29/22 - The ASI announced the departure of key resources including their lead CM strategist, which could exacerbate this risk. With the recent Insufficient configuration management could lead to development confusion and OPEN

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. 9/9/2021 - RAP- We reduce the effectiveness of defect resolution progress has been toward establishing CM processes, selecting CM tools (e.g., CMDB), and building out the CM infrastructure. The projects Google Management that may reduce errors and should provide the project team · ASI validate plans for configuration management with DHS and agree on a work stoppage and planned reassignment, IVV is not aware of the plans to mitigate this risk. 08/30/22 - The ASI updated the Configuration look torward to receiving specific inquiries from the IV&V team on configuration manusement and fag. CMDI, and halfing at the CM Infrastruten. The propara sequence CM Fatterin (GP) Cape Research at Garcer VF Plan have yet to finalised which may include additional requirements or decisions that coult mapsc LCM. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. CMD Research and currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently relies on Girbub for tracing of nome endinations. The project currently Management Plan (CMP) with additional configuration management details. 07/27/22 - DHS has identified technical and functional primary points of contacts for ASI to work with for configuration management efforts. IVV work to clarify/solidify plans for the potential use of configuration work to carriny/solitory pains for the potential use of compgization in management tools and DHS work it found and procures a OM tool, as required, to avoid any negative impacts to the project. COMPETED • lidentify the DHS POC for the Configuration Management Activities and assure defined OH steps and plans are being followed, are effective, and are achieving DHS objectives for CAK.7/31/2022 configuration management and having conversations. We do acknowledge that the plan likely needs to be updated to reflect the processes in place on remains concerned that some configuration management (EIIOL). IVP remains concerned that some configuration management (CM) details law yet to be finalized and the lack of clarity around the CM database (CMOB) took. For example, Irremains unclear what CMBB took will be used if Service Now is not part of the GP change request. 06/30/22 - The Project previously stated its intention to utilize ServiceNow (SN) for Configuration Management (CM), however, it remains unclear if progress has been made Management (CM), however, it remains unclear if progress has been made on 1) finalizing this decision, 2) how it will be used, and 3) the status of funding for purchase. Further, it remains unclear whether DHS will utilize the project for their existing \$14 institution or costs a separate instance and where will be reproducible for damapenetic periods and damapenetic and the set of the damapenetic currently dependent on the approval and funding of the GC damapenetic currently dependent on the approval and funding of the GC damapenetic for the and approval. With an elevated this function decurrently of the damapenetic current of the damapenetic currently approximate the damapenetic current of the damapenetic current of approximate the damapenetic current of configuration margament during pre-gar-law ensurement and the damapenetic current of the damapenetic current on the high current of configuration margament during pre-gar-law ensurement that does not fully meet the note of the Projects or biod execution (section that approximate the ensure of the Projects or biod execution (section that approximate the ensure of the Projects or biod execution (section that approximate the ensure of the Projects or biod execution (section that approximate the ensure of the Projects or biod execution (section that approximate the ensure of the Projects or biod execution (section that approximate the ensure of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that approximate) ensurement of the Projects or biod execution (section that the executi their existing SN installation or create a separate instance and who will be configuration management.
 Over the last served months, the BES project must have a clear plan to define, implement, test, and through the planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have planning efforts to develop the B13 Security Plan in clear manager through have plan the plan through the plan through the plan through the manager through have plan the plan through the plan through the manager through have plan through the plan through the manager through have plan through the plan through the manager through have plan through the plan through the manager through have plan through the plan through the manager through have plan through the plan through the manager through have plan through the plan through the manager through through the manager through through t 68 Insufficient planning/execution of the BES Dustin Heath Finding - Rs 7/28/2021 Security and Security Plan activities may lead to delays in Privacy gaining Federal Pathrea sporual for the BES update for this reporting period. 2/28/27-160 material update for the 09/29/2022 - Since only one meeting was held between the ASI and DHS SEC Security teams prior to the work stoppage, I/V has no material updates to report this month. The planned reassignment of the BES DOI work should consider the upperties needed for the words "Security Lau and the am. 08/31/2022 - I/V recommends that Security SMEs leading security and 4 5 High Open 9/9/2021 - RAP: The decision to move to GCP for deployment has driven the need Project to begin the Pilot Phase Vol 347,4022 — Vor Technimenta that security sime reading security and privacy-focused workshops and technical associations have a depth of experience in NST 800-53 and with experience authoring implementation statements of system Security Plans (SSP). The ASI will be charging the ASI security lead in September 2022. 07/31/2022 – The ASI filled the Security for a complete rewri of the security plan Architect to the Project ASAP to assist with the Security Plan activities. - ASI ensure that the ASI Security Lead has a depth of experience in NIST 800-53 per DHS. The ASI is in the process of for each control ensure that the ADS Security Leads has a depth of experience in NST BOD3 and experience a automatic implementation streams of systems Security and experience a automatic implementation streams of systems Security 1/4/22 Complete - ADS, per DrS guidence, should begin to poor toward the application of BOD3 HS is streamed to a fill and the system goes has COMPUTET 31/1/2022 - HS should determine the NST experiments. For requirements, that de documented as gains of the 13-156ccr/l PM COMPUTET 31/1/2022 - ASI have a socurity SMI attend the weekly accurity planning meetings and workshops. COMPUTET 71/1/2022 the process of planning the effort to make these updates. The effort required to complete this work will be included in either the GCP change request or a new change request We look forward to additional discussions SME position this month and their prior NIST Security Standard experience SNE position this moth and their prov NGT Security Standard experiences double benefit the EG program. The Ad Sone to the a Security Architect on this project which may lead to an incomplete security and privacy design. In the AG Center program (12) and will constrain the Security Standard (12) and system (eGRC) is under consideration at DHS. 6/28/2022 - The AS1 hired a Security SIAE who III be working with DHS on security governance, risk, and compliance activities. Weekly security meetings began again in May but are more in the form of status updates. Working sessions on the system security plan controls will resume in July. 5/31/2022 - The ASI plans to add with IV&V and DHS. a security resource in June and may need to add additional resources. While the lack of a completed GCP change request is impacting security tasks, the loss of the DHS Security Analyst covered in finding #77 is a project issue. The ASI states that the security activities are six weeks behind schedule, and it will take a couple of months to mitigate this risk. 04/27/2022 - As of April 22nd, IW has not observed any ASI Security SMEs attending security

HIDHS Monthly IVV

Final	-	Septe	mb	er	2022

	Type Date Lategory	Upservation	Significance	Recommendation	Event Horizon Impact	Procedure Priority	Status	Status update	Client Comments	venoc
he Americans With Disabilities Act (ADA) Ryan Tan ection 508 compliance tool has not been	Finding - Ris 7/12/2021 Testing	While R0.3 and R0.4 reported that Section 508 compliance had been successfully completed the ASI confirmed that there is currently no working	There is a contractual obligation and requirement for BES to be ADA compliant to obtain State and Federal funds for the development of the BES.	1/31/2022 - The following recommendations will be evaluated for this finding The ADA tool meets contractual and project requirements	As soon as possible	3 3 Med	Open	9/30/2022 - DHS issued a work stoppage, and no progress was made to move forward with purchasing the ASI recommended ADA compliance tool.		9/9/2
installed for the Project, which may cause		tool installed and that Section 508 compliance testing has not been	The ADA Section 508 intent is to make electronic and information	The ASI communicates a plan for ADA test execution. • The ASI				8/30/2022 - No change in status. Waiting on DHS acceptance/approval to		has in
ignificant rework.		performed. This risk has been discussed with the ASI over the past several	technology accessible to people with disabilities (e.g., color blindness,	communicates how the tool will be used to report compliance and non-				move forward with purchase, installation, configuration, and		make
		months, but there have been evidence of results to-date. The ASI did state	vision and hearing disabilities), in a way that is comparable to the access	compliance and how non-compliance will be addressed/corrected. - The				implementation of the ASI recommended ADA compliance tool. 7/27/2022 - The ASI successfully completed the ADA compliance tool proof of concept		develo
		that they are coding to some of the ADA requirements and are using a desk-		ASI communicates how and when DHS/IVV will be provided the reports from				The ASI successfully completed the ADA compliance tool proof of concept		review
		top tool for ADA compliance as an interim solution. IVV has not received any data to demonstrate the desk-top tool results nor if it provides coverage	"all applicable State and federal policies, laws, regulations, and Standards,	the ADA tool execution and how to interpret the results. Superseded 8/30/2021 - The ASI should gain DHS' approval on the tool selected after the				and provided reports to DHS for their review and approval. The final steps remaining would be the purchase installation, and implementation of the		the de gain is
		for all ADA compliance items.	Accessibility Standards associated with Section 508 of the Rehabilitation	8/30/2021 - The ASI should gain DHS' approval on the tool selected after the ASI validates it will perform as expected within the BES architecture,				remaining would be the purchase, installation, and implementation of the tool. 6/29/2022 - The ADA compliance tool is still in the trial phase and a		gain ii the IV
		for all AUA compliance items.	Accessibility standards associated with Section Sus of the Renabilitation Act., which was verified in the ASI proposed Technical Requirements	Asi validates it will perform as expected within the BES architecture, meeting all contractual and project requirements. The ASI create and				tool: 6/29/2022 - The ADA compliance tool is still in the trial phase and a compliance report will be run once the initial testing has been completed.		conta
			Approach that states "The system complies with DHS branding standards as					The ASI is expected to provide results of the testing to DHS when the trial		develo
			defined by DHS and adheres to W3C level 2 accessibility guidelines, sub-	action, how the tool will report compliance or non-compliance, how non-				phase is finished, and the report generated. 5/31/2022 - The ASI has		have f
			parts of Section 508 of the Americans with Disabilities Act (ADA),	compliance will be corrected, and how and when DHS/IVV will be provided				identified an accessibility compliance tool that will meet the needs of the		discus
			nondiscrimination safeguards in 45 CFR 85.". If the Hawaii guidelines	the reports from the ADA compliance tool and how to interpret those				Project and DHS has approved opening a firewall to facilitate a		topic.
			(https//www.hawaii.edu/access/uh-guidelines-for-accessibility/), FNS	reports for the code from previous, current and future releases.				demonstration of that tool. The ASI completed a Proof of Concept for the		
			Guidelines from the 901 Handbook, and contractual obligations to adhere to					tool and now needs to 1) receive DHS approval to use the tool, 2) purchase		
			the Section 508 compliance guidelines (https://section508.gov/) there may					the tool, 3) configure the system to accommodate the tool, and 4) institute		
			be a significant amount of rework to the solution.					the tool into the delivery pipeline. 4/26/2022 - The ASI is evaluating four		
								ADA testing tools for consideration due to high pricing for the tool selected		
								in March. This tool was demonstrated to the ASI and appeared to provide the required reporting features and the needed integration with the BES		
								architecture. A second ADA tool under review has a proof of concept		
								scheduled for the week of 5/1/2022. The 4SI has stated that little impact is		
								expected from the delay in performing ADA compliance testing and that a		
								tool will be tested and selected shortly. 3/28/2022 - The ASI testing lead		
								confirmed that an ADA tool has been selected for consideration and a		
								demonstration held. Next step is to execute a proof of concept within the		
								BES application. To mitigate this risk, the ASI stated that problems identified		
ick of early planning and coordination Michael Fors	Finding - Ris 1/21/2021 Integration and	The following planning and execution items have not vet been addressed	Interfaces is one of the areas where DDI projects often underestimate the	OPEN 5. Complete all MOAs and obtain approval. 6. Confirm testine dates	Q4 2021	4 1 Low	Open	BES application. To mitigate this risk, the ASI stated that problems identified 09/29/22 - No material uodate. 08/26/2022 - The statuses of the three remaining required agreements (DAGS, DLIR, HYCF) have not changed.		
nterface partners may result in fule delays	Interface Management	and documented by the ASL - Connectivity is planned to utilize a presently undefined ETS API Gateway; however, there is no evidence that details have	time needed to effectively manage all the tasks and activities to successfully implement data charing. A clearly defined computing the and	with interface partners in writing. COMPLETE 1. Establish a communication plan for each interface partner for the duration of the BES DDI activities.				remaining required agreements (DAGS, DLIR, HYCF) have not changed. 08/01/2022 - DHS executed the DPS agreement (MOA) on 07/20/2022. The		7/20/
we wearp.	Management	undefined ETS API Gateway; however, there is no evidence that details have been determined or documented in this regard There is little evidence of	implement data sharing. A clearly defined communication plan and schedule that includes the coordination, planning, and execution activities	plan for each interface partner for the duration of the BES DDI activities. 10/29 COMPLETE 2. Identify and document all interface partners' contacts.				08/01/2022 - DHS executed the DPS agreement (MOA) on 07/20/2022. The statuses of the three remaining required agreements are as follows. The		7/20/ team
		active and sufficient communication with interface nartners for	along with milestone dates may minimize the risk of possible delays. In	10/29 COMPLETE 2: Identity and document all interface partners' contacts. COMPLETE 3/31/2022 3: Define a release schedule for each interface to				statuses of the three remaining required agreements are as follows. The DAGS agreement is moving forward with design work. DHS reviewed the		team IV&VI
		active and sufficient communication with interface partners for coordination, design, and testing activities (Unit Test, SIT, UAT) Interface	addition, after planning has been completed, interface partners will have to	include milestone dates, coordination, and execution and share with the				DLIR MOA and resubmitted it to DLIR. The latest draft of the HYCF was sent		severi
		planning and execution tasks and activities, including those for interface	be available during interface implementation to ensure that the interfaces	interface partners. 01/04 COMPLETE 4. Determine which deliverable will				to the DHS Directors' office with feedback from BESSD and MQD.		light c
		partners, are neither resident nor managed within the Project Schedule.		include the details associated with the planned connectivity and detailed				06/30/2022 - There are 4 agreements outstanding (DAGS, DLIR, DPS, and		reaso
		A mitigation plan has not been developed to address the unavailability of		technical designs of all interfaces. 01/04 COMPLETE				HYCF). DHS plans to discuss the agreement at the next meeting with DAGS,		sched
		interface partners during interface implementation after MDAs have been approved, testing dates have been confirmed, and communications have						which is tentatively scheduled for 07/06/2022 DHS is currently reviewing		has m
		approved, testing dates have been confirmed, and communications have						the DLIR, DPS, and HYCF agreements. 05/31/2022 - There were no changes		for tag
		been frequent.						to the interface communication plans in this reporting period. There are 5 agreements outstanding (DLIR, DPS, HYCF, DAGS, and CYRCA). DPS, HYCF,		less th
								agreements outstanding (DLIR, DPS, HYCF, DAGS, and CYRCA). DPS, HYCF,		thats
								and DLIR have all been drafted and are going through reviews with DHS and the interested parties, DAGS has not been drafted by DHS: DHS is in		the sc the in
								discussions with the Department of Tax for an interface that would bypass DAGS. The CYRCA interface has been escalated within DHS as the business		Mediu May y
								DAGS. The CYRCA interface has been escalated within DHS as the business requirements CYRCA meets are being evaluated by DHS executive		May v misun
								managements LYNCA meets are being evaluated by DHS executive management. IVV has opened a new issue #79 related to vendor		the cu
								development delays for the task management software. 04/28/2022 -		the M
								There were no changes to the interface communication plans in this		metri
								reporting period. The DAGS, DLIR, DOH, and HYCF agreements are still		progr
								outstanding. In addition, there is a new element to this risk regarding DLIR		agains
								because the interface will not be able to offer additional data elements		Progre
								which DHS needs. 03/29/2022 - There were no changes to the interface		recom
								communication plans in this reporting period. 02/25/2022 - There were no		and it
								changes to the interface communication plans in this reporting period. 01/28/2022 - There were no changes to the interface communication plans		trend
										direc
y executed JAD and design sessions Brad Molina	Finding - Iss 11/30/2020 System Design		The CMM Workflow JAD sessions restarted in November. DHS indicated	OPEN - The facilitator should use their expertise to drive discussions through	ASAP	2 5 Med	Open	9/30/2022 - DHS Product owners and SMEs have raised concerns about a		
lead to inaccurate design and rework.		concerns being observed, - No clear introduction to all participants on the	some concern regarding the CMM Workflow JAD sessions, specifically; (1)	leading questions BAs should come to Day one of Design Sprint fully				lack of a cohesive design and a user experience that is less than satisfying.		
		goal of the JAD, overview on the process and the importance of their	Do the JAD participants understand how the Case will be managed through					DHS users are citing examples of not being able to achieve desired tasks or		9/9/
		participation On many occasions the conversation needed to be driven by	workflow? (2) What improvements will be made in the new BES to support	knowledge about business process and approach for design based on				achieve tasks timely. 8/31/2022 - The ASI's addition of senior BAs to the		does
		leading questions, as expected, but was instead lead by business users -		JAD/JAR notes and other pertinent material The ASI to bring User				design sessions has resulted in improvement. The Senior BAs offer guidance		many
		Too much pause time when participants did not know the answer to a		Experience (UE) designers to engage with DHS and review the currently built				to ensure the project team remains focused on the design. Unfortunately,		deisg
		question; several occasions where complete silence on the call for 30 seconds or more - Lack of thought leadership from the ASI on how	support business requirements; as well as missing opportunities to improve workflow and related system design.	BES solution. Closed - JAD and design sessions should be lead by experienced senior BAs, with goals, objectives and results communicated to				one of the Senior BAs has left the project so it is unknown if this practice will continue for all BES design sessions. 7/31/2022 - Although the ASI has		inclui
		seconds or more - Lack of thought leadership from the ASI on how workflow could be designed to ease/improve process for client	worknow and related system design.	experienced senior BAs, with goals, objectives and results communicated to all participants. (additional Senior BA being added, rest of recommendation				continue for all BES design sessions. 7/31/2022 - Although the ASI has implemented preparatory sessions for their Business Analysts (BAs) prior to		groor
		worknow could be designed to ease/improve process for cheric		heing met - Closed 4/30/2022) - The DHS and ASI product owners should				design Sprint Day 1. I/W continues to observe occurrences of BAs not being		and S
				actively participate to ensure the system meets the requirements, designed				fully prepared for the initial session. DHS has also raised concerns that the		Prode
				taking advantage of new technology and aligns to the 'to be' business				ASI support admins are not always assigned to meetings, leaving the BA		discu
				process. (Closed 4/30/2022) - The ASI should back-track significant				solely responsible to lead discussions and capture notes, update artifacts,		to have
				differences in design direction to determine the root cause to identify these				and capture action items. DHS requested the ASI to address these concerns		partic
				items as early in the SDLC as possible. COMPLETE - The Product Owners				going forward. 6/30/2022 - The ASI continues to revise the Design Sprint		teami
				should have more direct interaction with the development team, proactively	/			process by engaging the DHS SMEs and ASI systems analysts earlier in the		about
				seeking collaboration. 10/5/21 Complete - The Functional Design				a second s		
								process and conducting prep sessions with the ASI Business Analysts (BA)		of the
				Document process, to include the Design Sprint concept, should be clearly				process and conducting prep sessions with the ASI Business Analysts (BA) prior to each Sprint. These pre-sprint sessions with BAs are starting to		of the main
				defined and shared with all project team members. (Closed, 1/31/2022) -						of the main does
				defined and shared with all project team members. (Closed, 1/31/2022) - Invite IVV to all future design sessions and design sprints to allow IVV to				prior to each Sprint. These pre-sprint sessions with BAs are starting to address the remaining recommendations. IVV will continue to observe and look for impactful results from these latest changes to the process.		of th main does silen
				defined and shared with all project team members. (Closed, 1/31/2022) - Invite IVV to all future design sessions and design sprints to allow IVV to observe and assess the effectiveness of the revised design processes.				prior to each Sprint. These pre-sprint sessions with BAs are starting to address the remaining recommendations. IVV will continue to observe and look for impactful results from these latest changes to the process. 5/31/2022 - The ASI instituted a new process to align ASI BAs to similar Use		of th main does silen desig
				defined and shared with all project team members. (Closed, 1/31/2022) - Invite IVV to all future design sessions and design sprints to allow IVV to observe and assess the effectiveness of the revised design processes. (Closed, 1/31/2022) - ASI and DHS should work together to wet the In-				prior to each Sprint. These pre-sprint sessions with B&A are starting to address the remaining recommendations. IV will continue to observe and look for impactful results from these latest changes to the process. 5/31/2022 - The ASI instituted a new process to align ASI BAs to similar Use Cases to build knowledge of common business processes. Strensthening		of th main does silen desig assu
				defined and shared with all project team members. [Closed, 1/31/202] - Invite IVV to all future design sessions and design spinits to allow IW to observe and assess the effectiveness of the revised design processes. (Closed, 1/31/2022) - K31 and DHS should work together to vet the in- progress design with all SMEs for the area of focus. (being met by new				prior to each Sprint. These pre-sprint sessions with B&A are starting to address the remaining recommendations. IV will continue to observe and look for impactful results from these latest changes to the process. (5/12/02) - The ASI instituted a new process to algo ASI BAs to similar Uke Cases to build knowledge of common business processes, strengthening their facilitation during design meetings. DEFL sead Product Owners are also		of the main does silent desig assur IV&V
				defined and shared with all project team members. (Closed, 1/31/2022) - Invite IV to all future design essions and design sprints to allow VV to observe and assess the effectiveness of the revised design processes. (Closed, 1/31/2022) - ASI and CHS should work together to vet the in- progress design with all SMEs for the area of focus. (being met by new design sprint process, closed 2/28/2021) - ASI staff all design sprint reso.				prior to each Sprint. These pre-sprint sessions with BAs are starting to address the remaining recommendations. IV will commune to observe and look for impactful results from these latest changes to the process. 5/31/2022 - The ASI instituted a new process to align ASI BAs to similar Use Cases to build knowledge of common business processes, strengthening their facilitation during design meetings. DRSL cad Product Owners are also Baing an active role to ensure the BES Design meets the requirements as and the facilitation during design meetings. DRSL and Product Owners are also Baing an active role to ensure the BES Design meets the requirements as the facilitation during design meetings.		of the main does silent desig assur IV&V their
				defined and shared with all project team members. [Closed, 1/31/202] - Invite IVV to all future design sessions and design spinits to allow IW to observe and assess the effectiveness of the revised design processes. (Closed, 1/31/2022) - K31 and DHS should work together to vet the in- progress design with all SMEs for the area of focus. (being met by new				prior to each Sprint. These pre-sprint sections with BK are starting to address the remaining recommendations. IN will continue to observe and look for impactful results from these latest changes to the process. §3/12022 - The SAI Solitestitude a new process to algha SAI Bact to similar the Cases to build knowledge of common business processes, strengthening their facilitation during design meetings. JOB Is call Podulo Chenes are also laking an active role to ensure the BES Design meets the requirements tas torid in this month's positive finding.		

HIDHS Monthly IVV Status Report

Final -	September	2022

The COVID-19 pandemic and the related stay at home" order could hinder project activities and negatively impact the project	Keporter	Туре	Date category	Ubservation	Significance	Recommendation	Event Honzon	impact Proc	caomey Priority	Status	Status upoate	Lient Lomments
scay as nonter order could hinder project activities and negatively impact the project	Michael Fors	Finding - Ris	3/29/2020 Project Management	On 3/23/2020, the Governor of Hawaii issued a "stay at home, work from home" order that has reduced state departments' ability to be fully	DHS stakeholder participation in key activities could be significantly hindered, not only by working remotely but also by the need to focus on	OPEN - Suggest the project and DHS create a detailed, documented risk mitigation strategy and plan that is reviewed regularly and revised to	ASAP	2	2 Low	Open	09/29/22 - IVV remains concerned that the lack of in-person interactions may lead to reduced project team productivity. 08/30/22 - No material	06/30/2020 - Office opening may be delayed until September/October. TBD.
			Management	functional as the large majority of state workers will be required to work	delivering services to beneficiaries. Planned key activities such as design	address the current state of the COVID-19 threat and related impacts					update for this reporting period. 07/31/22 - No material update for this	TBD.
hedule and budget.				from home/remotely at least until the end of May and some offices may be	sessions may be facilitated remotely which may impact the quality of the	Send broad communications to stakeholders to assure clear understanding					reporting period. 06/30/22 - The ASI has stated they have removed the	
dure and budget.				completely shut down until that time as well. Unclear if the order will	sessions. Going forward, most if not all project activities will more than	of changes to the Project with regard to impacts of COVID, as well as					vaccination requirement for working in person and are encouraging staff to	
				extend beyond that date.	likely be conducted remotely until this crisis passes. The DHS project team	clarifying communications as to what will remain the same Project					spend time in the office. DHS team members are still not required to work	
				www.ma.wey.vma.thilt.taite.	will soon lose some key members of the PMO, the PMO lead will retire on	leadership communications as to what will remain the same Project leadership continue to encourage independent phone conversations to					in the office but DHS is also encouraging office time. Three DHS team	
					4/30/20 and another key members of the PMU, the PMU lead will retire on 4/30/20 and another key member in June 2020. DHS has concerns that the	readership continue to encourage independent phone conversations to enhance and accelerate communications, and for team members to not wait					members currently work out of the ASI's downtown Honolulu office.	
					state could experience a significant loss of revenue due to COVID, which	for meetings to converse Consider in-person meetings for critical design					05/31/22 - The ASI and their subcontractor are making efforts to increase in-	
					could lead to DHS budget challenges. If the state/DHS institutes a hiring	sessions if DHS and ASI COVID protocols allow. CLOSED - Continue to make					office/in-person work which could help to increase productivity and	
					freeze, DHS PMO may not be able to replace these key resources.	efforts to setup, train, and assist new stakeholders on remote work devices					communication as well as overall quality of project work. 04/29/22 - No	
					Additionally, if the state institutes furloughs, DHS project team resources	and tools and continue to assist stakeholders with becoming highly					material update for this reporting period. 03/31/22 - State leadership has	
					could be further constrained. Unclear if the state budget challenges will	functional with remote access technology (e.g. MS Teams/Skype).					rolled back most COVID mandates this month. however, most individual	
					impact overall project funding.	Complete - Update the OCM Plan to include any new activities or updates to					State departments have been given the option of not requiring their staff to	
						planned activities to aid the organization through this COVID-19 pandemic in					work in-person. DHS will likely maintain remote work policies for the	
						the short and long term Complete - Explore options for freeing up key					foreseeable future. IVV recommends DHS consider strategically requesting in-	
						BESSD SME's to work on the project Complete					person meetings for discussions that can be significantly more productive in-	
											person. 2/28/22 - The State of Hawaii is planning on eliminating most COVID	
											mandates as of 3/5/22. In-person meetings could improve collaboration for	
											design and other sessions, if the Project elects to increase in-person meetings	L.
											1/31/22 - The ASI has reaffirmed that remote	
											meetings are a less effective form of communication than in-person	
											meetings and therefore, COVID continues to have a negative impact on the	
											quality of some project activities, albeit difficult to quantify. 12/31/21 -	
											Though Omicron COVID cases are surging, the project has indicated they do	
											not plan to make changes to current protocols and do not expect this surge	
											will materially impact the project. 11/29/21 - The ASI has transitioned their team from working remotely to primarily working in their Honolulu	
	Ryan Tan	Finding - Iss	1/10/2020 Project		The key resources leaving the BES Project provide knowledge and history of	2/28/2022 - DHS consider other options (Contractors, State employees	ASAP	3	5 High	Open	9/30/2022 - No material update in the reporting period. 8/31/2022 - DHS	02/08/2021 - Brian Donohoe does not agree with IVV's high-criticality rating
sitioned off the Project, which may			Management	project team members are planning to retire or leave the project within the	DHS and its software, solutions, and business processes, along with a level	borrowed from other agencies) to fill these positions if there is ongoing					continues to seek applicants for the three PMO positions these positions	on this Finding (#43) and DHS rolled out the DHS Product Owner Roles and
e gaps in knowledge transfer and ership on the Project.				next few months or have already transitioned off the project. While there	of consistency and continuity to the extended project team. This experience	difficulty in finding permanent hires. 5/31/2021 - DHS continue to work					remain unfilled. 7/29/2022 - DHS has received minimal applications for the	Responsibilities to the DHS team on January 29, 2021. (Gary provided the
ership on the Project.				are plans and actions being taken, a formal transition/succession plan has	and knowledge is critical for the BES DDI and KOLEA Modifications, and	with the appropriate organizations to identify the funds necessary to fill						Final DHS Product Owner Roles and Responsibilities document to IVV on
				not been documented. In January, the ASI did announce and introduce an	planning efforts for BES Maintenance and Operations activities. Additionally, as per the budget, DHS stated if they are unable to fill these	these positions In progress The state should document a transition plan					IVV does not have visibility to the full impact of the delay in filling these	02/8/2021). 06/30/2020 - Mark Choi is becoming more involved in the
				interim Project Manager, but a plan for a permanent replacement is not	Additionally, as per the budget, DHS stated if they are unable to fill these	for the project and PMO resources as identified in the RFP (reference RFP					positions. However, some of the administrative and contract management	project. Involved in Arch decisions and PM decisions around tool sets,
				currently known.	positions timely, DHS may fall out of federal funding compliance and lose	section 3.4.3 'DHS Staffing'). The plan should include the possible COVID-19					activities are significant so DHS assigned these activities to internal staff on	future vision, etc. Day to day PM working closely w/ Gary and Emerald. We
					the \$37 million needed matching funds for continued development of BES.	economic impact to the state budget, directly in relation to the project					an interim basis. 6/30/2022 - DHS continues to recruit for PMO resources.	have no insight into other DHS staffing.
						resources Closed The ASI should document a transition plan for each key					No other material updates for this reporting period. 5/31/2022 - DHS	
						resource as required by the RFP (reference RFP section 3.5.1.2 'Benefits					continues to recruit for PMO resources, but the three positions remain	
						Eligibility Solution Project Staffing'.) - Closed					unfilled. However, some PMO responsibilities are being addressed through	
											existing resources. For example, the contracted DHS PM has filled in	
											leadership gaps and and has positively impacted the Project. 4/28/2022 -	
											No material updates for this reporting period. 3/31/2022 - DHS continues	
											to recruit for these positions but received minimal interest to-date.	
											2/28/2022 - DHS posted the PMO positions but are having difficulty	
											identifying candidates. While online metrics show there is interest and the	
											positions are being viewed, as of this date, there has only been one	
											application. 1/28/2022 - No material updates in this reporting period.	
											12/30/2021 - No material updates in this reporting period. 11/26/2021 -	
											No material updates in this reporting period. 10/31/2021 - No material	
											updates in this reporting period. 9/30/2021 - The BESSD Administrator,	
											serving as the interim DHS BES Project Manager resigned from DHS. To	
											mitigate the knowledge and leadership risk, DHS backfilled the DHS BES	
											Project Manager with a contractor possessing extensive BES project	
											experience. The Assistant BESSD Administrator will provide an active	
											decision-making role in the project. IVV will monitor the impact of these	
											decision-making role in the project. IVV will monitor the impact of these project management changes. The remaining DHS PMO positions continue	
ertainty and/or a lack of communication N	Michael Fors	Finding - Iss		Some platform and BES system architecture decisions have yet to be made	The current project architecture and design should be as representative and	- The ASI continue to make updates to the BI-12 System Architecture	ASAP	2	2 Low	Open	9/29/22 - No material update for this reporting period. 8/30/22 - No	06/30/2020 - Combined application is still planned. App still not finalized by
and long term architecture decisions			Management	and socialized to the project. For example, the ASI and DHS have stated that	inclusive of all known future solution plans as possible. As an example, if	Deliverable with additional details as they become available and with any					material update for this reporting period. 7/31/22 - IVV remains concerned	DHS. From Arch perspective, we are building in Liferay. Future Integration
id impact the project budget, schedule,				they have reached agreement that the project will move forward with	KOLEA and BES are to move to a single instance of Siebel in the future.	architectural changes are finalized Complete - DHS should finalize the					with the lack of clear communication around the planned configuration	of the portals is still to be determined, but is not more complex than
em design, and planning decisions.				implementing two Siebel instances (one for KOLEA, one for BES), but this is	planning for that integration should be incorporated into the project now. If	Portal strategy and implementation details and clearly communicate out to					management tool and its intended use. DHS prefers Service Now but it is	originally planned for data sharing. If change is made to Adobe, this would
				not currently reflected in the project change log or the project decision log.	such significant future changes are not planned for now, the project is likely to see increased complexity, rework, and costs when integrating the two	stakeholders and project teams. Complete 3/31 - The Project should					currently not funded, and IVV is unaware of contingency plans in the event	require a CR.
				It remains unclear if the details of the rationale for this decision or the plan	to see increased complexity, rework, and costs when integrating the two	continue to vet possible architectural change impacts to the platform (e.g.,					Service Now funding is not approved The project is currently assessing the	
				for integrating the two instances post go-live have been thoroughly vetted	systems in the future.	ADA, Configuration Management tools), M and O, MQD, and BES systems					additional level of effort that will be required to comply with the latest	
				and/or documented. Further, there may be some uncertainty around		before finalizing architectural decisions DHS continue to request ASI					revision (Revision 5) of Federally required security controls. IVV is concerned	
				whether when/if all environments (including KOLEA and BES production)		perform due diligence in any recommendation for foundational architecture					that the move to Revision 5 and potential impact to the project architecture	
				will be moved to the cloud.		change decisions and continue to review with appropriate DHS stakeholders					have not been broadly communicated to stakeholders 6/30/22 - The ASI	
						to assure a common understanding of the implications of these decisions					has stated that their cloud infrastructure will continue to evolve as the	
						The Project should continue to ensure communication between					technology improves or the cloud provider(s) make changes and that some	
						development leads and architecture leads to assure optimal collaboration					architecture decisions have yet to be finalized (e.g., use of Splunk vs.	
						on possible architecture changes that could impact decisions in each area					Dynatrace). IVV has little to no visibility into whether these changes are	
						Maintain current communication processes to ensure regular					being effectively communicated to, or vetted by, the right stakeholders.	
						communication between the architecture team and the rest of the project					Further, the Project has previously stated their intention to utilize	
						team to assess impacts of architecture decisions to the Project.					ServiceNow (SN) for Configuration Management (CM), however, it remains	
											unclear if progress has been made on finalizing this decision, how it will be	
											used, how it will be licensed, division of responsibility between the	
											ESI/DHS/ASI, and the status of funding for licenses. 5/31/22 - The ASIs	
											addition of resources including backfilling of key positions may help to	
											increase communication of architecture changes. The ASI stated they are	
											evaluating the benefits of moving the BES portal (SSP) off Oracle DBMS.	
											4/29/22 - The ASI OCM team is developing a communication plan for	
											communicating the 2-portal strategy, which may include a portal overview	
											walkthrough with the project team and videos prepared for DHS	
											stakeholder. 03/31/22 - The ASI has onboarded a new Lead Architect who will be responsible for managing the system infrastructure which should	
											will be responsible for managing the system intrastructure which should	
						IN PROGRESS Despite not yet having a revised baseline schedule, continue	TBD	3	3 Med	Open	9/30/2022 - The DHS work stoppage halted all efforts on project	
elivery of project deliverables has R	Ryan	Finding - Iss	11/28/2018 Project	Based upon the project schedule dated 11/26/18 (refer to schedule for	Late deliverables can lead to schedule impacts and too many late						deliverables (30/ will continue to monitor this finding once the BES Project	
elivery of project deliverables has R	Ryan	Finding - Iss	11/28/2018 Project Management	Based upon the project schedule dated 11/26/18 (refer to schedule for specifics), several due dates for project deliverables have been missed. As of	deliverables can lead to schedule impacts and too many late deliverables may cause significant disruption to schedules or delays.	monitoring and analyzing deliverables that may impact the critical path					derversiones. The win continue to more or and more grace the best hopect	
elivery of project deliverables has R d schedule delays.	Ryan	Finding - Its	11/28/2018 Project Management	specifics), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management	deliverables may cause significant disruption to schedules or delays. ***OLD***Without a PMP that depicts all Project Management processes,	monitoring and analyzing deliverables that may impact the critical path COMPLETE 5/31/2021 - When the revised schedule is published the project					deliverables. IVV will continue to monitor this finding once the BES Project resumes. 8/30/2022 - The ASI is behind schedule with development	
tilvery of project deliverables has R schedule delays.	Ryan	Finding - ts	11/28/2018 Project Management	specifics), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the	deliverables may cause significant disruption to schedules or delays. ***OLD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and	team should restart the weekly practice of reporting actions being taken for					activities which will impact the critical path. Without an approved schedule,	
elivery of project deliverables has R I schedule delays.	Ryan	Finding - ts	11/28/2018 Project Management	specifics), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late					activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and what impacts late	
livery of project deliverables has 8 schedule delays.	Ryan	Finding - Its	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late Complete 4/30/2021, 7/29/2021, 12/30/2021 - DHS and the ASI agree to a					activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and what impacts late deliverables or activities will have to project deadlines. 7/29/2022 - Fewer	
tivery of project deliverables has R Schedule delays.	Ryan	Finding - Iss	11/28/2018 Project Management	specifics), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late Complete 4/30/2021, 7/29/2021, 12/30/2021 - DHS and the ASI agree to a revised schedule against which project deliverables can be managed.					activities which will impact the critical path. Without an approved schedule, It is diffcult to determine what is behind schedule and what impacts late deliverables or activities will have to project deadlines. 7/29/2022 - Fewer project deliverables are delivered late, and critical path activities do not	
divery of project deliverables has B schedule delays.	Byan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late Complete 4/30/2021, 7/19/2021, 12/30/2021 - DHS and the ASI agree to a revised schedule against which project deliverables can be managed. 9/30/2020 Recommendation - NV recommends the project team evaluate					activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and what impacts late deliverables or activities will have to project deadlines. 7/29/2022 - Fewer project deliverables are delivered late, and critical path activities do not appear impacted when this happens since they are not dependent on those	
ilvery of graject deliverables has B Ischedule delays.	Ryan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late Complete 4/30/2021, 7/29/2021, 12/30/2021 - DHS and the ASI agree to a revised schedule against which project deliverables can be managed.					activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and what impacts late deliverables or activities will have to project deadlines. 7/29/2022 - Fever project deliverables are delivered late, and critical path activities do not appear impacted when this happens since they are not dependent on those elliverables. For easingle, development delays found in Finding 880 do not	
elivery of project deliverables has R	Ryan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late Complete 4/30/2021, 7/19/2021, 12/30/2021 - DHS and the ASI agree to a revised schedule against which project deliverables can be managed. 9/30/2020 Recommendation - NV recommends the project team evaluate					activities which will impact the critical path. Without an approved schedule, it is difficult to determine what is behind schedule and what impacts late deliverables or activities will have to project deadlines. 7/29/2022 - Fewer project deliverables are delivered late, and critical path activities do not appear impacted when this happens since they are not dependent on those	
elivery of project deliverables has a	Rjan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for late tasks and develop mitigation plans for those tasks that may be late. Complete 4/10/021, 7/19/021, 3/13/0/201 - 0HS and the ASI agree to a revised schedule against which project deliverables can be managed. 9/30/2020 Recommendation - 1W/ recommends the project team evaluate the estimating process to determine if changes should be made to reduce the number of late tasks and/ or conduct a root cause analysis to determine					activities which will impact the critical path. Without an approved schedule, it i difficul to determine what is beind indicatedular and what impacts take delaverables or activities will have to project deadlines. 7/29/2022. Fever project deliverables are delivered late, and critical path activities do not appear impacted when this happens inso tech year not dependent on those delaverables. For example, development delays found in Finding 800 do not appear to be caused by late deliverables. Schedul empacts from take	
elivery of project deliverables has R	Rjan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restar the weekly practice of reporting actions being taken for late tasks and evenlop mitigation plans for those tasks that may be late Complete 4/30/2021, 7/29/2021, 12/30/2021 - DHS and the ASI agree to a revised schedule against which project deliverables can be managed. 9/30/2020 Recommendation - IVV recommends the project team evaluate the estimating process to determine if changes should be made to reduce					activities which will impact the critical path. Willowstan approved schedule, it is difficult to determine which is beind needed as of what impacts is and determined as a schedule as a schedule as a schedule as a schedule as developed as a schedule and what impacts is interesting as a fortical path schedule and what impact and appear impact and when this happears insect they are not dependent on those papear to be concard, but and different appears to be concard, but and different appears to be concard, but and dimensional during the stage of the Project as opposed to be concarded as where different different dimensional during the stage of the Project as opposed to be concarded where the schedule impact to make subscriptions.	
elvery of project ditiverables has a	Ryan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should resurt the weekly anactice of reporting actions being balant? In the tasks and devoirs migration plans for shours tasks that may be task. Complete 4 (AD)(2012), 7/8/(2012) - 1055 and the ASI agree to a should be added and the project detailed and the ASI agree to a should be added and the added task of the added and the ASI agree to the actimating process to determine if changes should be made to reduce and address the root cause(1). Cooled #12/120D Resummendations: how to be apprecision of the new baseline, finalize the new details to determine and address the root cause(1). Cooled #12/120D Resummendations:					activities which will impact the critical path. Willowstan approved schedule, it is difficult to determine which is beind needed as of what impacts is and determined as a schedule as a schedule as a schedule as a schedule as developed as a schedule and what impacts is interesting as a fortical path schedule and what impact and appear impact and when this happears insect they are not dependent on those papear to be concard, but and different appears to be concard, but and different appears to be concard, but and dimensional during the stage of the Project as opposed to be concarded as where different different dimensional during the stage of the Project as opposed to be concarded where the schedule impact to make subscriptions.	
klivery of project deliverables has 8	Rjan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should restart the weekly practice of reporting actions being taken for the tasks and device impaginon plants for those tasks that may be task. The start of the start revised to behavior against which project deliverables can be managed. (2)/2020 Recommodiation - VM recommodiates the graphet table are evaluate the estimating process to determine if changes should be made to reduce the main start of the start of the start change and the start of the start in norms of all beats and or conduct a stort change and the determine in norms of the starts and or conduct as the changes and the determine many starts and the start of the start beating. Indicate the needed signalizes to the regret schedule tasks the interfacient plants the interface of the start beating.					activities which will impact the critical path. Williout an approved schedule, is call finds to do schedule and which is blend schedule and which impacts last is call finds to do schedule and which impacts last and project deliverables are eliviered last, and critical path activities do not appear impacted who this happens schedule way are not dependent on these deliverables. For example, development delays found in finding BID do appear to be caused by the deliverables. A schedule impacts from last deliverables are minimar during too stage of the Project as appointed to deliverables are minimar during to stage of the Project as appointed to deliverables. The example, development deliverable path on the project, Will Schwiss, Schedule impacts from last deliverables.	
telleny of project deherables has P	Ryan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	taam should entrast the weekly paraticel of reporting actions have pro- team should entrast the weekly paraticel of reporting actions have pro- tein the should be action of the should be action of the should be action rester at freeded against which project should be action and action action of paraticely actions and the should be action of the should be action the number of all actions and or constrained by a should be action to make a should be actioned as a should be action and actions the first and advects the non-constraint. Finally be the needed against to the project should be actioned by annual should be actioned as a should be action actions and actions the needed be activated by annual should be actions the project should be actioned by annual should be activated by annual should be activated and activates the non-constraint and activates the the needed against to the project should be activated by annual should be activated by annual should be activated and activates the non-constraint activates and activates the the needed activates to the project should be activated by annual should be					activities which will impact the critical path. Willioutan approved schedule, is a fiderated bedresses which is beind schedule and what impacts last deliverables or activities will have to project decalines. J 72/2022 - Feer regret deliverables, or activities will have to project decalines. J 72/2022 - Feer deliverables, for accurate a deliverable last, or durcing path activities do not appear impacted whan this happear junct here yet are not dependent on the deliverables. For accurate dury take schedule impacts from late deliverables. For accurate dury take schedule impacts from late deliverables. Schedule impacts from deliverables, accurate accurate schedule and compare to stage the Projects at opported to be devine the decidance trade to the March take schedule impacts and accurate the chick rate to take the March take schedule impacts and where the decidance trade to the March take schedule impacts and accurate the chick rate to take the March take schedule impacts and accurate the chick rate to take the March take schedule impacts and accurate the chick rate to take the March take schedule impacts and accurate the chick rate to take to March takes.	
skhery of project deliverables has a di uchadule blas deliverables has a di uchadule delays.	Rjøn	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	tion in body directart the weekly practical of reporting actions being being for laterals and advecting the principal pairs for theory tasks that may be lateral complete 4(4)/2021, 7(2)/2021, 7(2)/2022, 10% and peirs 4.0% appendix 4)/2020 Recommendations. Wir commende the principal pairs and the estimating process to determine if changes should be made to reflect the estimating process to determine if changes should be made to reflect the estimating process to determine if changes should be made to reflect the estimating process to determine if the size analysis to determine and adverse the road cause(). Consel 711/200 Becommendations; into its acceptance of them basisatine, finalise the media signation to the the ASL, and VI to include the feature at 1 samon tames. Longer Lingballs the grouces (Cold Size at the ASI annual) agree to the reflect and adverse the transmitter and a size that the size of the advection of the size scapes of Cold Size at the ASI annual agree to the reflect and advections and the size of the siz					activities which will impact the critical path. Williout an approved schedule, it is if direct to device which is beind not device and what impact the critical path. Williout and the project deadlines. J 17/21/22.1 - Even device allow a schedule will be allowed by an ord dependent on these device allowed by the device allowed by a schedule impact. The device allowed by the deliverable. Schedule impacts from late device allowed by the deliverable. Schedule impacts from late device allowed by the deliverable. Schedule impacts from late deliverables are minimal during this stage of the Projects a opposed to the schedule interpret the critical parts in the deliverable impacts from late deliverables are minimal during this stage of the Projects a opposed to the schedule the critical priority to Moduluri. Whis segment findings for the schedule results and the 31 stages of the deliverables. Galaxies and the S Project Schedule and B 13 Staces (HT) and deliverables. GalaXi2222-The	
fellery of project deliverables has a delivery of project deliverables has a deliver.	Rjan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should entrast the weekly paratected reporting actions being being the standard and 2002/2002. List/2002. List/2002					activities which will impact the critical path. Williout an approved schedule, is call float to determine what is beind readeds as of which impacts late it is call float to determine what is beind readeds as of which impacts late project determined by the second schedule of the second schedule of the project determined in the second schedule way and objective to the deliveration. For example, development delays found in finding RID do the second schedule schedule of the hypots as together the planning invitation taggers where deliverables directly impacted to the schedule schedule in the schedule in the schedule in the schedule schedule schedule in the schedule in the schedule in the schedule is the planning invitation taggers where deliverables directly impacted lubbagers that the critical prior the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule is the deliverables. Given the schedule in the schedule is not the respect to the schedule schedule in the schedule in the schedule in the schedule in the deliverables. The schedule in the schedule is not the respect is together the schedule schedule in the schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedule in the schedule in the schedule in the schedule in the schedule schedule in the schedu	
delwery of project delwarables has a	Rjan	Finding - ks	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	tion should ensut the weekly particle of reporting actions being beam for the tasks aid devices in the start of the start has may be late. Completer 49(2):021, 719(2):021, 119(2), 119(2), 119(2), 119(2), 119(2), 119(2), 11					activities which will impact the critical path. Willioutan approved schedule, is a fidfault to determine what is beind not-deal and what impacts is at deliverable or activities will have to project deadlines. JP29/2023 : Feer approxemation of the structure and the properties of the structure and explore impact the structure and the structure and the propert of the cardinal properties of the structure and explore the structure of the structure and the properties of the structure and explore the structure of the structure and the structure of the structure of the deliverables are minimal during this stage of the Project as appoared to base explore the scalar grant when deliverables (structure in the structure and activities. Given the reduced impact the infining has not the Project. Will a scalar structure and the structure and the structure and the structure and activities. Given the reduced impact the infining has not the project to base and the structure and the structure and the structure and the structure and AGI continues to monitore project activities. Although structure the critical path and conduct methylicits address talls activities. Although structure the structure the structure is the structure in the structure and the structure and the structure and activities. Although address talls activities. Although structure the structure and AGI construct methylicits address talls activities. Although structure the structure the structure to monitor project address tall activities. Although structure the structure the structure to activities and the structure activities. Although structure the structure the structure to activities and the structure structure the structure the structure the structure the structure in the structure activities and the structure structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure the structure	
delivery of project deliverables has a d	Rjan	Finding - ts	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should entrast the weekly practice of reporting actions being being for the tasks and devices pricing pains for the totes such must be tasks and devices the strength of the strength o					activities which will impact the critical path. Mithioscian asproved schedules, is call filled to detections which is blend to challed and what impacts last is call filled to detection and the schedule challed and what impacts last project detections are entired in a part critical path activities do not paper impact when the happens indicate your end dependent on their detection. For example, development delay found in finding BID do the schedule path and the schedule impacts from last detections. The schedule impacts from last paperation detection and the schedule impacts from last detections. The schedule impacts from last detections are instrumed and bit stages of the detection as approximate detection. Schedule impacts the indicate schedule impacts from last detections. Schedule and bit stages of the detective is approximate to a schedule and bit schedule impacts the indicate schedule impacts from a schedule indicate schedule impacts the indicate schedule indicates from a schedule indicate schedule impacts the indicate schedule indicates from a schedule indicate indicates the indicate schedule indicates from the and conduct meetings to address last activities. Although tome last activities may not enclose the activities. Although tome last activities may not enclose the activities. Although tome last activities may not enclose the chall and parts for the schedule schedule schedule indicates and conduct meetings to address last activities. Although tome last	
dalmery of project deliverables has P	Rjan	Finding - to:	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should entrast the weekly paraticel of reporting actions have gradeent compared and/2022/12/2022. LLT/2022/2021. The other action paratic paraticely action of the state of the state of the state of the state team should be action of the state of the state of the state of the state team should be action of the state of the state of the state of the state of the state of the state of the state of the state of the state team should be action of the state of the state of the state of the state of the state of the state of the state of the state of the state team should be action of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of					activities which will impact the critical path. Without an approved schedule, is call fload to Section which is believed backas and which impacts late and the section of the section of the section of the section of the project deliverables are delivered into, and critical path activities do not appear impacted where this happens since they serve not dependent on these deliverables. For example, development delays found in those and the planner printical where the section since the section of the section planner printical model. The section of the section of the section planner printical model in the section of the section of the section of the section of the section of the section of the section of the planner printical model in the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the add conducts meeting to address late activities. Although some the address deliverables to address late activities. Although some the section of the section of the section of the section of the section of the add conducts meeting to address late activities. Although some the section of the section of the section of the section of the section of the address deliverables the section of the section of the section of the section of the section of the section of the section of the section of the address deliverables the section of the se	
delivery of project deliverables has for	Rjan	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	tion mbody entrust the weekly practical reporting actions being being for the task is all devices princips up har for those sits that may be later that the start and devices the start of the start start and the start mode of the start and the start start and the start start and the start the estimating process to determine if charges should be made to reduce the estimating process to determine if charges should be made to reduce the number of laters and and constants and constants and start and adhere the most cauge). Closel \$121200 Becommediations, and adhere the most cauge). The start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start and adhere the most cauge). The start start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start start and the start the start the start and the start start and the start and the start and the start the start and the start and the start and the start and the start the start and the start and the start and the start and the start the start and the start the start and the start the start and the start the start and the start and the start and the s					activities which will impact the critical path. Mithioscian approved schedule, it is if direct to device and which is which schedule and what impact the client is a schedule and what impact the client is appear instance where the haspears in acceluse where not clienteent client the observation of the schedule impact the molecule appear to be caused by that deliverables. Schedule impacts the molecule appear to be caused by that deliverables. Schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client is appeared to the schedule impacts the client client to appeare to the schedule impacts the schedule impact the schedule impacts th	
skihern of griges skiherable has a strake blan at schedule skinge.	Rjen	Finding - ts	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should entrast the weekly practice of reporting actions being being for the tasks and devices project pairs for the roots that may be have revised tarbades against which project solvenships can be manged. 30,212020 Recommendation - NV recommends the project tare revised and the estimating process to determine if changes should be made to revice the main should be target and the solvenships and the project tare values to the estimating process to determine if changes should be made to revice the main should be target and the solvenships and the project tare values to address the solvenships and the solvenships and the solvenships the solvenships of the target should be made to the revised and the solvenships and the solvenships and the revised of the solvenships and the solvenships and the revised of the revised and the solvenships and the solvenships and the revised of the revised and the solvenships and solvenships					activities which will impact the critical path. Williout an approved schedule, is call fight to determine what is being checkeds and what impacts last is call fight to determine what is being checkeds and what impacts last project determines and the second schedule and what impacts last project determines and the second schedule and schedule and appear impact what what the happens rated rule way are not dependent on these deliverables. For example, development delays found in finding BID don't planning (instants rates) what are deliverables directly impact of planning (instants rates) what are deliverables directly impact of planning (instants rates) what are deliverables directly impacted ubscapped and contacts. meeting project activities and what may impact the critical path and contacts meeting to payles last archites. Although some last activities may are directly to rate the schedule shares 15 and 0545 ratifies grants the readed address that may impact the critical path and contacts meetings to address last activities. Although some last activities may and musc the critical path is may impact the critical path and contacts meetings to address last activities. Although some last activities may and musc the critical path is may impact the reader apath of the schedule may this find path on the reader share. The address schedule is address last activities. Although and 054 address may call the impacts in the reader share. The reader specification of the of the schedule is address that may impact the reader share. The address may call the impact is address and the reader spin the may impact the reader spin the add the developed address the reader spin the reader spin the schedule spin the schedule spin the add the developed address the reader spin the reader spin the schedule spin teress and the schedule spin teres address and the reader spin the schedule schedule. The add the schedule schedule spin terest spin teres and the schedule schedule spin terest and the schedule schedule schedule schedule schedule sche	
delivery of project deliverables has a	Bjøn	Finding - Iss	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	tion should entast the weekly particle of reporting actions being being for the tasks and developed the particle of reporting actions being the for- complete 4(9)/2021, 7(9)/20					activities which will impact the critical path. Mithioscian asponses isobality, it is if floctu to device which is being howed and what impact the isobality of the second and what impact the second and the s	
dellowy of project deliverables has a	Rjøn	Finding - tos	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	tiom should entrust the weekly practiced reporting actions being being for the tasks and devices pricing plans for the total substantial marks that the tasks and devices the strength of th					activities which will impact the critical path. Mithioscian approved schedules, is call fideal to detection and is a bland schedule and what impacts last a loss of the schedule schedule and what impacts last and project detection and the schedule schedule and what impacts last approximate schedule and schedule and schedule and schedule and project detection and the schedule schedule impacts from last detection and schedule and schedule impacts from last detection and schedule impacts from last detection and detection and schedule impacts from last detection and detection and schedule impacts from last detection and detection and and last last schedule impacts from last detection and schedule impacts from last detection and detection and last last schedule impacts from last detection and conduct meetings to address last activities. Although tome last schedules may coll transfer to the address last activities and protection schedules may coll transfer to the address last activities and though tome last schedules may coll transfer to the address last activities and though tome last schedules may coll transfer to the address last activities and though tome last schedules may coll transfer to the address last activities and though tome last schedules may coll transfer to the address last schedule last last schedules activities. Additionally, based on last activities in the schedule metal tome activities the address last activities in the schedule last last schedules activities the schedule last last schedules in the schedule last last schedules activities the schedule last last schedules in the schedule last last schedules activities the schedule last last schedules in the schedule last last schedules activities the schedule last last schedules last l	
ndelivery of project deliverables has P	Bjøn	Finding - ts	11/28/2018 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should ensut the weekly practice of reporting actions being basin for example and example of the example of the example of the example ensuing and example of the example of the example of the example of the S2/S2020 Recemendation - NV recommends the practice tame example of S2/S2020 Recemendation - NV recommendation - The practice tame example the estimating protects to determine if changes though the made to relate the estimating protects to determine if changes though the made to relate the estimation of the example of the example of the example of the protect schedule takes the estimation of the mediate takes to the protect schedule takes the estimation of the mediate takes to the protect schedule takes the estimation of the mediate takes to the the takes the protects for their and the Alfor to mulaity agree to the revised project schedule takes and the relative takes prime train (Ed. 5). Compare schedule management and weekly paties, utilizing the Schedule Alford takes the first of the schedule takes the first of the protects for approximation of the schedule takes protection of the Schedule project chandule takes the estimation of the protects for anyonic schedule management and weekly paties and two. Consider 33/12/2020 - estimation the protects of the schedule takes that anyon anyon the the revised project chandule takes the schedule takes that anyon anyon the the revised project chandule takes the revised protect and the protect for anyon anyon takes the takes that anyon anyon anyon anyon anyon the takes the takes project chandule takes the schedule takes that anyon anyon takes the takes project chandule takes the schedule takes that anyon the takes that anyon anyon anyon anyon anyon takes the takes project chandule takes that anyon anyon anyon takes the takes project chandule takes that anyon anyon anyon anyon anyon anyon anyon anyon takes the takes that anyon a					activities which will impact the critical path. Without an approved schedule, is call flock to descharate and is a blank backba and which impacts late is call flock to descharate and is a blank backba and which impacts late project deliverables are delivered late, and critical path activities do not observe the scherolitic scherolitic scherolitic scherolitic scherolitic deliverables. For example, development delays found in finding BIO and deliverables, for example, development delays found in finding BIO and planning Initiation stages where deliverables directly impacted subpaced planning Initiation stages where deliverables directly impacted subpaced in the scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic BIO and scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic Scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic BIO and scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell to a do to, but only to is planning the trackballer. The AD is meeting meeting on activities. Addressen blance blance blance blance blance blance meeting on activities. Addressen blance blance blance blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core core solitic activities and portice blance	
delivery of project deliverables has for a schedule delays.	Rjøn	Finding - tos	11/28/2008 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should entrast the weekly practical Properting actions being beam for the tasks and devolves the properties of the properties of the tasks and devolves the tasks and devolves the tasks and devolves the tasks and the properties of the tasks and devolves the tasks and tasks and the tasks and the tasks and tasks and the task and tasks and tasks and tasks and the task and tasks					activities which will impact the critical path. Willioutan approved schedules, is clificated to determine which is beind schedule and what impacts last designed and activities will have been to prace to determine the schedule and what impacts is the schedule of the schedule and schedule and schedule impacts from the delayerable. For example, development delays found in Finding BID do the delayerable. For example, development delays found in Finding BID do the delayerable are mismal. <i>Auror</i> grints that the schedule impacts from late delayerable are mismal. <i>Auror</i> grints stage of the Project as a populate to the delayerable are mismal. <i>Auror</i> grints that the schedule impacts from late delayerable control. The schedule impacts from late delayerable control and bit 31 security from grints are not schedule impacts from the control and bit 31 security from grints are not schedule and bit 31 security from grints are not and bit and bit schedule impacts from the control and and bit and the schedule mismorts from grints and and bit schedule mismats that may impact the critical path continues to monther project activities that may impact the critical path and bit on enviro 30 is impacting the critical path. The At Al is revelving continues to development activities are activities in the checkle continues to infimis DLC processes to improve project Lowellaw estimates to mismats to infimis DLC processes to improve project Lowellaw estimates mismats and bit or fimis BLC processes to improve project Lowellaw estimates mismats and the order bit and the net bits an proving the schedule mismats are schedule and the mismats to infimise the mismats mismats mismats are schedule and bits the schedule and mismats are schedule and bits the schedule mismats are schedule and bits and bits and bits in the schedule mismats are schedule and bits and bits are schedule and bits are schedule and bits mismats are schedule and bits are schedule and bits mismats are schedule and bits mismats are schedule and	
delvery of project delverables has a	Rjan	Finding - ts	11/28/2008 Project Management	specific), several due dates for project deliverables have been missed. As of the date of this report, these deliverables include the Project Management Plan (PMP), which is the formal document that is used to manage the execution of the project. In some instances, this risk may be compounded by a backlog of Deliverable Expectation Document (DBD) requiring approval	deliverables may cause significant disruption to schedules or delays. ***0LD***Without a PMP that depicts all Project Management processes, the Project can suffer unplanned consequences in scope, schedule, cost, and quality parameters. Without a schedule that provides the required level of	team should ensut the weekly practice of reporting actions being basin for example and example of the example of the example of the example ensuing and example of the example of the example of the example of the S2/S2020 Recemendation - NV recommends the practice tame example of S2/S2020 Recemendation - NV recommendation - The practice tame example the estimating protects to determine if changes though the made to relate the estimating protects to determine if changes though the made to relate the estimation of the example of the example of the example of the protect schedule takes the estimation of the mediate takes to the protect schedule takes the estimation of the mediate takes to the protect schedule takes the estimation of the mediate takes to the the takes the protects for their and the Alfor to mulaity agree to the revised project schedule takes and the relative takes prime train (Ed. 5). Compare schedule management and weekly paties, utilizing the Schedule Alford takes the first of the schedule takes the first of the protects for approximation of the schedule takes protection of the Schedule project chandule takes the estimation of the protects for anyonic schedule management and weekly paties and two. Consider 33/12/2020 - estimation the protects of the schedule takes that anyon anyon the the revised project chandule takes the schedule takes that anyon anyon the the revised project chandule takes the revised protect and the protect for anyon anyon takes the takes that anyon anyon anyon anyon anyon the takes the takes project chandule takes the schedule takes that anyon anyon takes the takes project chandule takes the schedule takes that anyon the takes that anyon anyon anyon anyon anyon takes the takes project chandule takes that anyon anyon anyon takes the takes project chandule takes that anyon anyon anyon anyon anyon anyon anyon anyon takes the takes that anyon a					activities which will impact the critical path. Without an approved schedule, is call flock to descharate and is a blank backba and which impacts late is call flock to descharate and is a blank backba and which impacts late project deliverables are delivered late, and critical path activities do not observe the scherolitic scherolitic scherolitic scherolitic scherolitic deliverables. For example, development delays found in finding BIO and deliverables, for example, development delays found in finding BIO and planning Initiation stages where deliverables directly impacted subpaced planning Initiation stages where deliverables directly impacted subpaced in the scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic BIO and scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic Scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic BIO and scherolitic scherolitic scherolitic scherolitic scherolitic scherolitic and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell the and conduct meetings to address late activities. Athrongs is mell to a do to, but only to is planning the trackballer. The AD is meeting meeting on activities. Addressen blance blance blance blance blance blance meeting on activities. Addressen blance blance blance blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core process to linear portice blance blance blance continues to onfines Core core solitic activities and portice blance	